SANDVIK
Coromant

2020

# Roterende gereedschappen

FREZEN
BOREN
KOTTEREN
ROTERENDE GEREEDSCHAPSADAPTERS





# Hierbij presenteren wij onze nieuwe catalogi

De catalogus bestaat uit drie delen: Draaigereedschappen, Roterende gereedschappen en Volhardmetalen ronde gereedschappen. In totaal worden meer dan 30.000 standaard producten gepresenteerd.

**Draaigereedschappen** – Algemeen draaien, Afsteken en groefsteken, Draadsnijden, Multifunctionele gereedschappen, Opspangereedschappen en Draaigereedschapadapters

**Roterende gereedschappen** – Frezen, Boren, Kotteren en Roterende gereedschapadapters

**Volhardmetalen ronde gereedschappen** – Frezen, Boren, Tappen en Ruimen

Gebruik het productoverzicht aan het begin van elk hoofdstuk om uw interessegebied te vinden, en een verwijzing brengt u naar de eigenlijke productpagina. Verwijzingen onderaan elke productpagina begeleiden u naar de betrokken producten en informatie, zoals opnames, wisselplaten en snijgegevens.

Ons totale aanbod van ongeveer 50.000 standaardproducten vindt u op **www.sandvik.coromant.com**. Als u speciale gereedschappen nodig hebt, hebben wij een breed assortiment van producten die voor u op maat gemaakt kunnen worden.

Bezoek www.sandvik.coromant.com om zeker te zijn van de nieuwste maten en toleranties, om gedetailleerde snijgegevens te vinden en voor het bestellen van producten en reserveonderdelen.




## Verklaring van de verwijzingssymbolen:

| | | | | |
|---|---|---|---|---|
| Wisselplaten | Frezen | Boorbodies | Kottergereed-schappen | Adapters |
| Onderdelen | Snijgegevens | Omschrijving van de hard-metaalsoort | Beschrijving geometrie | Parameter uitleg |
| "Tailor Made" | Codesleutel | Koelmiddel-informatie | Informatie | |

| | |
|---|---|
| ★ | Eerste keuze |
| ☆ | Goede keuze |
| | Niet beschikbaar |

Onze eerste keuze aanbeveling is een goed beginpunt voor de meeste bewerkingen van waaruit u, indien nodig, een hardmetaalsoort met andere kenmerken kunt kiezen.

I Frezen

J Boren

K Kotteren

L Adapters voor roterende gereedschappen

M Onderdelen

N Algemene informatie

# Frezen


## Vlakfreesgereedschappen I3

CoroMill® 345 I4-I8
CoroMill® 245 I9-I12
CoroMill® 425 I13-I15
CoroMill® 745 I16-I19
CoroMill® 360 I20-I22
CoroMill® 365 I23-I26

## Hoge voedingsfrezen I27

CoroMill® 419 I28-I31
CoroMill® 210 I32-I36
CoroMill® 415 I37-I41
CoroMill® 745 I42-I45

## Hoekfreesgereedschappen I46

CoroMill® 490 I47-I56
CoroMill® 390 I57-I78
CoroMill® 690 I79-I82
CoroMill® Century I83-I89

## Profielfrezen I90

CoroMill® 300 I91-I99
CoroMill® 200 I100-I104
CoroMill® 216 I105-I111

## Schijffreesgereedschappen I112

CoroMill® 331 I113-I134

## Groeffreesgereedschappen I135

CoroMill® QD I136-I141
CoroMill® 328 I142-I144
CoroMill® 327 I145-I147

## Draadfreesgereedschappen I135

CoroMill® 328 I148
CoroMill® 327 I149-I150

## Afschuinfreesgereedschappen I135

CoroMill® 327 I150
CoroMill® 495 I151-I153


Zie voor het complete assortiment www.sandvik.coromant.com

# Hoe kiest u het juiste gereedschap

## Freesvertanding

**L**



**Wijdvertand**

Minder wisselplaten, lage snijkrachten. Kleine machines. De beste productiviteit wanneer stabiliteit en vermogen beperkt is. Lange uitsteeklengte.

**M**



**Dichtvertand**

Algemeen frezen en gemengde productie. Altijd eerste keuze.

**H**

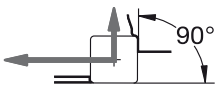


**Extra-dichtvertand**

Maximum aantal wisselplaten voor de beste productiviteit onder stabiele omstandigheden. Kortspanende hittebestendige materialen.

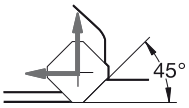
## Instelhoek

**90° instelhoek**



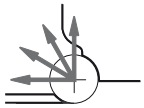

- Dunwandige componenten
- Zwak bevestigde componenten
- Waar 90° vorm is vereist

**45° instelhoek**




- Eerste keuze voor algemene doeleinden
- Reduceert trilling bij lange uitsteeklengte
- Spaanverdunningseffect maakt verhoogde productiviteit mogelijk

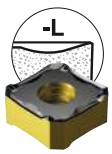
**Frezen met ronde wisselplaten**



- Sterkste snijkant met meerdere indices
- Universeel inzetbare frees
- Verhoogd spaanverdunnend effect voor hittebestendige legeringen

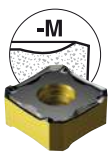
## Wisselplaat geometrieën

**Licht**



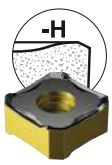

Extra positief, licht bewerken, lage snijkrachten en voor lage voedingen.

**Middelmatig**



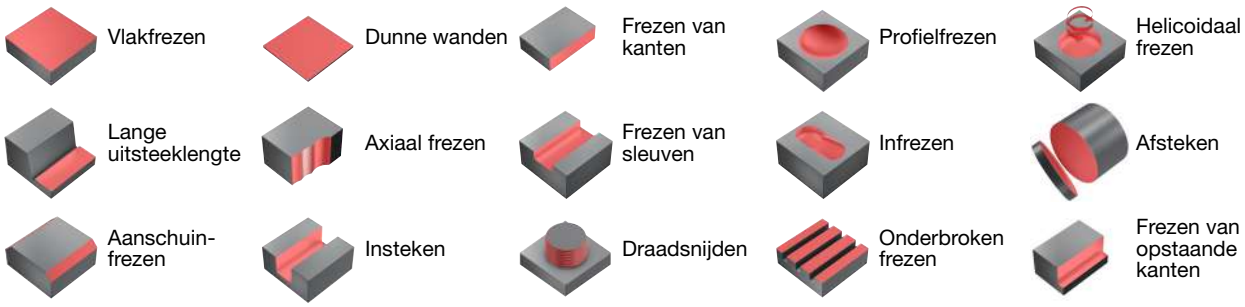

Voor algemeen gebruik in de meeste materialen.

**Zwaar**

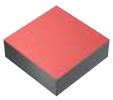
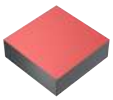
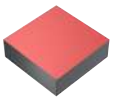
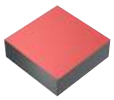
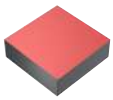
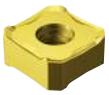
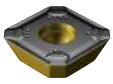
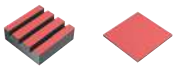



Versterkte snijkant, zwaar bewerken, de hoogste snijkantzekerheid en voor hoge voedingen.

## Uitleg van toepassingssymbolen



# Vlakfreesgereedschappen

| | CoroMill® 345 | CoroMill® 245 | CoroMill® 425 | CoroMill® 745 | CoroMill® 360 | CoroMill® 365 |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Pagina | I5 | I10 | I14 | I17 | I21 | I23 |
| Materiaal | P M K N S H | P M K N S H | K | P M K S | P M K | P M K N S H |
| Hoofdbewerking |  |  |  |  |  |  |
| KAPR | 45° | 45° | 25° | 42° | 60° | 65° |
| $D_c$ mm | 40 - 250 | 32 - 250 | 100 - 500 | 63 - 250 | 160 - 400 | 50 - 250 |
| DCX mm | 54.1 - 264.1 | 44.5 - 268.8 | 107.0 - 507.0 | 78.2 - 264.4 | 175.0 - 420.8 | 50.0 - 166.7 |
| APMX mm | 6 | 6 - 10 | 0.90 | 5.20 | 13 - 18 | 6.0 |
| Wisselplaat |  |  |  |  |  |  |
| Plaatafmetingen | 13 | 12 & 18 | 17 | 21 | 19 & 28 | 15 |
| Koppelingen | Coromant Capto®<br>Cilindrische schacht<br>Doorn | Doorn<br>Cilindrische schacht | Doorn<br>Cap bevestiging | Coromant Capto®<br>Doorn | Doorn | Coromant Capto®<br>Arbor |
| Inwendige koelvloeistof | ✓ | ✗ | ✗ | ✓ | ✓ | ✓ |
| Opties | Bescherming tipzitting d.m.v. onderlegplaat | Bescherming tipzitting d.m.v. onderlegplaat | Instelbare cassettes voor wiper wisselplaten | | Verwisselbare cassette uitvoering | Inwendig koelmiddel voor geselecteerde modellen |
| Overige bewerkingen |  |  |  |  |  |  |

# CoroMill® 345

## Vlakfrees voor hoge productiviteit

### Toepassing

- Vlakfrezen
- Voordraaien tot nadraaien

### ISO toepassingsgebied:

P M K N S H



### Voordelen en kenmerken

- Lage kosten per component dankzij wisselplaten met acht snijkanten
- Hoge productiviteit – met inwendig koelmiddel is ook bij veeleisende materialen een hoge productiviteit mogelijk
- Veilig bewerken dankzij met onderlegplaat beschermde wisselplaatzittingen en een stijve freesbody
- Geoptimaliseerde machinebezettingsgraad en productiviteit met vier verschillende vertandingen
- Breed toepassingsgebied – gebruik het zelfde concept voor verschillende toepassingen

www.sandvik.coromant.com/coromill345

### Koppelingen

- Coromant Capto®
- Doorn
- Cilindrische schacht

### Wisselplaten

- Acht snijkanten
- Wiper-wisselplaten voor uitmuntende oppervlakteafwerking bij hoge voeding per tand

### Inwendige koelvloeistof

Koelmiddeltoevoer naar elke wisselplaatzitting waarborgt een goede spaanafvoer en goede prestaties, ook bij het bewerken van veeleisende materialen.






Wijdvertand | Dichtvertand | Extra dichtvertand | Extra dichtvertand plus

 I5

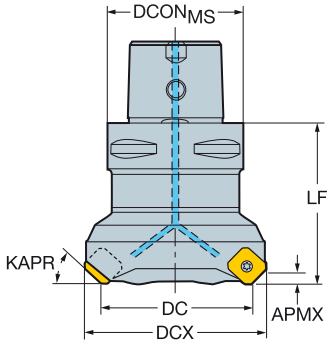
 I8

# CoroMill® 345 vlakfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 45°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 13 | C4 | 6.00 | 3 | | 4 | 345-040C4-13M | 40.0 | 54.1 | 60.0 | 3.0 | 0.89 | 19600 | 4 | 345R-1305 |
| 50.0 | 13 | C5 | 6.00 | 3 | | 4 | 345-050C5-13M | 50.0 | 64.1 | 60.0 | 3.0 | 1.39 | 17500 | 4 | 345R-1305 |
| | 13 | C6 | 6.00 | 3 | | 4 | 345-050C6-13M | 63.0 | 64.1 | 60.0 | 3.0 | 1.80 | 17500 | 4 | 345R-1305 |
| | 13 | C5 | 6.00 | 3 | 5 | | 345-050C5-13H | 50.0 | 64.1 | 60.0 | 3.0 | 1.48 | 17500 | 5 | 345R-1305 |
| | 13 | C6 | 6.00 | 3 | 5 | | 345-050C6-13H | 63.0 | 64.1 | 60.0 | 3.0 | 1.79 | 17500 | 5 | 345R-1305 |
| 63.0 | 13 | C5 | 6.00 | 3 | | 5 | 345-063C5-13M | 50.0 | 77.1 | 60.0 | 3.0 | 1.53 | 15500 | 5 | 345R-1305 |
| | 13 | C6 | 6.00 | 3 | | 5 | 345-063C6-13M | 63.0 | 77.1 | 60.0 | 3.0 | 1.91 | 15500 | 5 | 345R-1305 |
| | 13 | C5 | 6.00 | 3 | 6 | | 345-063C5-13H | 50.0 | 77.1 | 60.0 | 3.0 | 1.62 | 15500 | 6 | 345R-1305 |
| | 13 | C6 | 6.00 | 3 | 6 | | 345-063C6-13H | 63.0 | 77.1 | 60.0 | 3.0 | 1.97 | 15500 | 6 | 345R-1305 |
| 80.0 | 13 | C6 | 6.00 | 3 | | 6 | 345-080C6-13M | 63.0 | 94.1 | 70.0 | 3.0 | 2.46 | 13700 | 6 | 345R-1305 |
| | 13 | C8 | 6.00 | 3 | | 6 | 345-080C8-13M | 80.0 | 94.1 | 70.0 | 3.0 | 3.32 | 13700 | 6 | 345R-1305 |
| | 13 | C6 | 6.00 | 3 | 8 | | 345-080C6-13H | 63.0 | 94.1 | 70.0 | 3.0 | 2.54 | 13700 | 8 | 345R-1305 |
| 100.0 | 13 | C8 | 6.00 | 3 | | 7 | 345-100C8-13M | 80.0 | 114.1 | 80.0 | 3.0 | 4.01 | 12200 | 7 | 345R-1305 |

| Reserve onderdelen | | |
|---|---|---|
| Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef |
| 416.1-834 | 5322 474-01 | 5512 090-11 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

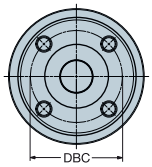
I8 L2 N23 N9 N15

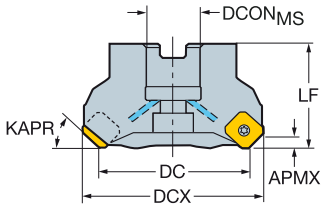
# CoroMill® 345 vlakfrees

**Doornbevestiging - inwendige koelvloeistoftoevoer**

STDNO ISO6462
KAPR 45°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 13 | 22 | 6.00 | 1 | | 3 | 345-040Q22-13L | 22.0 | A | | 54.1 | 45.0 | 3.0 | 0.68 | 19600 | 3 | 345R-1305 |
| | 13 | 22 | 6.00 | 1 | | 4 | 345-040Q22-13M | 22.0 | A | | 54.1 | 45.0 | 3.0 | 0.67 | 19600 | 4 | 345R-1305 |
| 50.0 | 13 | 22 | 6.00 | 1 | | 3 | 345-050Q22-13L | 22.0 | A | | 64.1 | 45.0 | 3.0 | 0.82 | 17500 | 3 | 345R-1305 |
| | 13 | 22 | 6.00 | 1 | | 4 | 345-050Q22-13M | 22.0 | A | | 64.1 | 45.0 | 3.0 | 0.78 | 17500 | 4 | 345R-1305 |
| | 13 | 22 | 6.00 | 1 | 5 | | 345-050Q22-13H | 22.0 | A | | 64.1 | 45.0 | 3.0 | 0.82 | 17500 | 5 | 345R-1305 |
| 63.0 | 13 | 22 | 6.00 | 1 | | 4 | 345-063Q22-13L | 22.0 | A | | 77.1 | 45.0 | 3.0 | 0.98 | 15500 | 4 | 345R-1305 |
| | 13 | 22 | 6.00 | 1 | | 5 | 345-063Q22-13M | 22.0 | A | | 77.1 | 45.0 | 3.0 | 0.94 | 15500 | 5 | 345R-1305 |
| | 13 | 22 | 6.00 | 1 | 6 | | 345-063Q22-13H | 22.0 | A | | 77.1 | 45.0 | 3.0 | 0.60 | 15500 | 6 | 345R-1305 |
| | 13 | 22 | 6.00 | 1 | 7 | | 345-063Q22-13HX | 22.0 | A | | 77.1 | 45.0 | 3.0 | 1.03 | 15500 | 7 | 345R-1305 |
| 80.0 | 13 | 27 | 6.00 | 1 | | 4 | 345-080Q27-13L | 27.0 | A | | 94.1 | 50.0 | 3.0 | 1.65 | 13700 | 4 | 345R-1305 |
| | 13 | 27 | 6.00 | 1 | | 6 | 345-080Q27-13M | 27.0 | A | | 94.1 | 50.0 | 3.0 | 1.72 | 13700 | 6 | 345R-1305 |
| | 13 | 27 | 6.00 | 1 | 8 | | 345-080Q27-13H | 27.0 | A | | 94.1 | 50.0 | 3.0 | 1.72 | 13700 | 8 | 345R-1305 |
| | 13 | 27 | 6.00 | 1 | 9 | | 345-080Q27-13HX | 27.0 | A | | 94.1 | 50.0 | 3.0 | 1.76 | 13700 | 9 | 345R-1305 |
| 100.0 | 13 | 32 | 6.00 | 1 | | 5 | 345-100Q32-13L | 32.0 | A | | 114.1 | 50.0 | 3.0 | 2.30 | 12200 | 5 | 345R-1305 |
| | 13 | 32 | 6.00 | 1 | | 7 | 345-100Q32-13M | 32.0 | A | | 114.1 | 50.0 | 3.0 | 2.29 | 12200 | 7 | 345R-1305 |
| | 13 | 32 | 6.00 | 1 | 10 | | 345-100Q32-13H | 32.0 | A | | 114.1 | 50.0 | 3.0 | 2.31 | 12200 | 10 | 345R-1305 |
| | 13 | 32 | 6.00 | 1 | 11 | | 345-100Q32-13HX | 32.0 | A | | 114.1 | 50.0 | 3.0 | 2.38 | 12200 | 11 | 345R-1305 |
| 125.0 | 13 | 40 | 6.00 | 1 | | 6 | 345-125Q40-13L | 40.0 | B | | 139.1 | 63.0 | 3.0 | 3.64 | 10900 | 6 | 345R-1305 |
| | 13 | 40 | 6.00 | 1 | | 8 | 345-125Q40-13M | 40.0 | B | | 139.1 | 63.0 | 3.0 | 3.48 | 10900 | 8 | 345R-1305 |
| | 13 | 40 | 6.00 | 1 | 12 | | 345-125Q40-13H | 40.0 | B | | 139.1 | 63.0 | 3.0 | 3.63 | 10900 | 12 | 345R-1305 |
| | 13 | 40 | 6.00 | 1 | 14 | | 345-125Q40-13HX | 40.0 | B | | 139.1 | 63.0 | 3.0 | 3.64 | 10900 | 14 | 345R-1305 |
| 160.0 | 13 | 40S | 6.00 | 0 | | 7 | 345-160Q40-13L | 40.0 | C | 66.7 | 174.1 | 63.0 | 3.0 | 4.59 | 9600 | 7 | 345R-1305 |
| | 13 | 40S | 6.00 | 0 | | 10 | 345-160Q40-13M | 40.0 | C | 66.7 | 174.1 | 63.0 | 3.0 | 4.50 | 9600 | 10 | 345R-1305 |
| | 13 | 40S | 6.00 | 0 | | 12 | 345-160Q40-13H | 40.0 | C | 66.7 | 174.1 | 63.0 | 3.0 | 4.72 | 9600 | 12 | 345R-1305 |
| | 13 | 40S | 6.00 | 0 | 16 | | 345-160Q40-13HX | 40.0 | C | 66.7 | 174.1 | 63.0 | 3.0 | 4.58 | 9600 | 16 | 345R-1305 |
| 200.0 | 13 | 60 | 6.00 | 0 | | 12 | 345-200Q60-13M | 60.0 | C | 101.6 | 214.1 | 63.0 | 3.0 | 10.60 | 8600 | 12 | 345R-1305 |
| | 13 | 60 | 6.00 | 0 | | 16 | 345-200Q60-13H | 60.0 | C | 101.6 | 214.1 | 63.0 | 3.0 | 6.64 | 8600 | 16 | 345R-1305 |
| 250.0 | 13 | 60 | 6.00 | 0 | | 14 | 345-250Q60-13M | 60.0 | C | 101.6 | 264.1 | 63.0 | 3.0 | 10.36 | 7700 | 14 | 345R-1305 |
| | 13 | 60 | 6.00 | 0 | | 18 | 345-250Q60-13H | 60.0 | C | 101.6 | 264.1 | 63.0 | 3.0 | 10.79 | 7700 | 18 | 345R-1305 |

| | Reserve onderdelen | | | |
|---|---|---|---|---|
| DC | Schroef met platte kop | Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef |
| 40.00-63.00 | 5512-073-01 | 416.1-834 | 5322 474-01 | 5512 090-11 |
| 80.00 | 5512-073-02 | 416.1-834 | 5322 474-01 | 5512 090-11 |
| 100.00 | 5512-073-05 | 416.1-834 | 5322 474-01 | 5512 090-11 |
| 125.00-160.00 | 5512-098-03 | 416.1-834 | 5322 474-01 | 5512 090-11 |
| 250.00 | | 416.1-834 | 5322 474-01 | 5512 090-11 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I8


L2


M1



N23



N9



N15



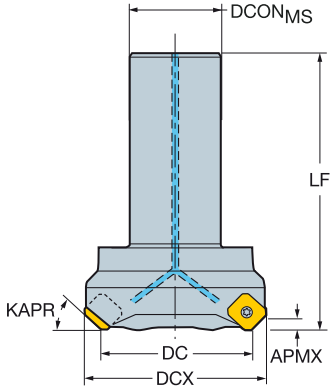
SANDVIK Coromant

# CoroMill® 345 vlakfrees

**Cilindrische schacht - interne koelmiddeltoevoer**

KAPR 45°






| DC | | CZCMS | APMXFFW | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 13 | 32 | 6.00 | 1 | 4 | **345-040A32-13M** | 32.0 | 54.1 | 120.0 | 3.0 | 1.26 | 19600 | 4 | 345R-1305 |
| 50.0 | 13 | 32 | 6.00 | 1 | 3 | **345-050A32-13L** | 32.0 | 64.1 | 120.0 | 3.0 | 1.41 | 17500 | 3 | 345R-1305 |
| | 13 | 32 | 6.00 | 1 | 4 | **345-050A32-13M** | 32.0 | 54.1 | 120.0 | 3.0 | 1.41 | 17500 | 4 | 345R-1305 |

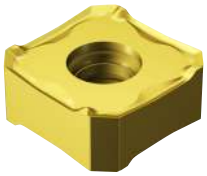
| Reserve onderdelen | | |
|---|---|---|
| Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef |
| 416.1-834 | 5322 474-01 | 5512 090-11 |

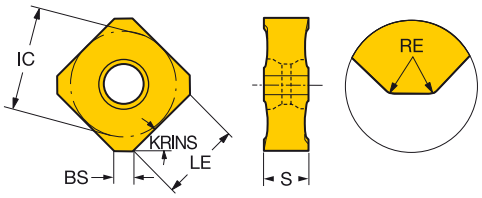
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I8 L2 N23 N9 N15

# CoroMill® 345 freeswisselplaat

KRINS 45°

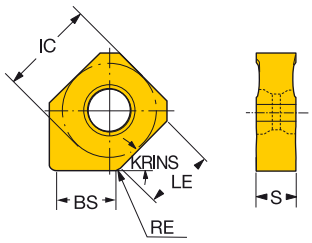





| | | | RE | Bestelnummer | P | | | | | M | | | K | | | | | | N | | | S | | | H | | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4330 | 4340 | 530 | 1040 | 2040 | 530 | 1020 | 3040 | 3220 | 3330 | H13A | K20W | 1130 | 530 | H13A | S30T | S40T | H13A | 1010 | 1130 | 530 | IC | LE | S | BS |
| Licht | KL | 13 | 0.80 | 345R-1305E-KL | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | ☆ | | | ☆ | | | ☆ | | | | 13.0 | 8.8 | 5.60 | 2.0 |
| | | | 0.80 | 345R-1305M-KL | | ☆ | | | | | | | ★ | ☆ | | ☆ | | ☆ | | | | | | | | | | 13.0 | 8.8 | 5.60 | 2.0 |
| | ML | 13 | 0.80 | 345R-13T5E-ML | ☆ | | | | | ★ | ☆ | | | | | | | | ☆ | | | ★ | ☆ | | | ☆ | | 13.0 | 8.8 | 5.95 | 2.0 |
| | PL | 13 | 0.80 | 345R-1305E-PL | ☆ | | ★ | ☆ | ☆ | | | ☆ | | | | | | | | | | | | | ★ | ☆ | ☆ | 13.0 | 8.8 | 5.60 | 2.0 |
| | | | 0.80 | 345R-1305M-PL | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | ★ | ☆ | | 13.0 | 8.8 | 5.60 | 2.0 |
| Middelmatig | KM | 13 | 0.80 | 345R-1305E-KM | | | | | ☆ | | | ☆ | ☆ | ☆ | | ★ | | | | ☆ | | | | | ★ | | ☆ | 13.0 | 8.8 | 5.60 | 2.0 |
| | | | 0.80 | 345R-1305M-KM | | | | | | | | | | ☆ | ☆ | ★ | | ☆ | | | | | | | | | | 13.0 | 8.8 | 5.60 | 2.0 |
| | MM | 13 | 0.80 | 345R-13T5E-MM | ☆ | | | | | ★ | ☆ | | | | | | | | ☆ | | | ★ | ☆ | | | ☆ | | 13.0 | 8.8 | 5.95 | 2.0 |
| | | | 0.80 | 345R-13T5M-MM | ☆ | | | | | ★ | ☆ | | | | | | | | ☆ | | | ★ | ☆ | | | ☆ | | 13.0 | 8.8 | 5.95 | 2.0 |
| | PM | 13 | 0.80 | 345L-1305M-PM | ☆ | | ★ | ☆ | | | | | | | | | | | | | | | | | | ☆ | | 13.0 | 8.8 | 5.60 | 2.0 |
| | | | 0.80 | 345R-1305M-PM | ☆ | ☆ | ★ | ☆ | ☆ | | | ☆ | | | | | | | | | | | | | ★ | ☆ | ☆ | 13.0 | 8.8 | 5.60 | 2.0 |
| Zwaar | KH | 13 | 0.80 | 345R-1305M-KH | | | ☆ | | | | | | | ☆ | ☆ | ★ | | ☆ | | | | | | | | | | 13.0 | 8.8 | 5.60 | 2.0 |
| | PH | 13 | 0.80 | 345R-1305M-PH | ☆ | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | | | | | | ★ | ☆ | | 13.0 | 8.8 | 5.60 | 2.0 |

KRINS 45°






TECHNOLOGY Wiper

| | | | RE | Bestelnummer | P | | | M | | | K | | | | N | | | S | | | H | | | Afmetingen, mm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4330 | 530 | 1040 | 2040 | 530 | 1020 | 3220 | 3330 | H13A | K20W | 1130 | 530 | H13A | H13A | S30T | S40T | 1010 | 1130 | 530 | IC | LE | S | BS | BSR |
| Licht | KW8 | 13 | 1.00 | 345N-1305E-KW8 | | | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | | ☆ | ☆ | | | | | | 13.0 | 8.8 | 5.60 | 8.0 | 500.0 |
| | MW8 | 13 | 1.00 | 345N-13T5E-MW8 | ☆ | | | ☆ | ☆ | | | | | | | ☆ | | | | ☆ | ☆ | | ☆ | | 13.0 | 8.8 | 5.95 | 8.0 | 500.0 |
| | PW5 | 13 | 1.00 | 345N-1305E-PW5 | ☆ | ☆ | | | | | | | | | | ☆ | | | | | | ☆ | ☆ | | 13.0 | 8.8 | 5.60 | 5.0 | 500.0 |
| | PW8 | 13 | 1.00 | 345N-1305E-PW8 | ☆ | ☆ | ☆ | | | ☆ | | | | | | ☆ | ☆ | | | | | ☆ | ☆ | ☆ | 13.0 | 8.8 | 5.60 | 8.0 | 500.0 |

T5 wiper wisselplaat moet worden gebruikt met T5 standaardwisselplaat

I5 I154 I175 N23 N10 N2

# CoroMill® 245

## Licht snijdende vlakfrees voor zwaar voorbewerken en glad nabewerken

### Toepassing

- Vlakfrezen
- Voorbewerken tot nabewerken

### ISO toepassingsgebied

P M K N S H



### Voordelen en kenmerken

- Eenvoudig in gebruik en hoge productiviteit
- Licht snijdende werking met laag energieverbruik
- Nauwe toleranties en gecombineerd met de wiper wisselplaat voor een superieure oppervlakte-afwerking
- 45° vlakfrees
- Veeleisend voorbewerken tot spiegelglad nabewerken
- Soepele en lichte snijwerking voor lage snijkrachten
- Leverbaar in een verwisselbaar cassettesysteem, een concept voor voorbewerken tot semi-nabewerken van staal

www.sandvik.coromant.com/coromill245

### Koppelingen

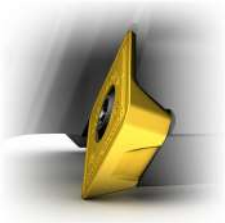
- Doorn
- Cilindrische schacht

### Wisselplaten

- Vier snijkanten
- Breed programma van hardmetaalsoorten en geometrieën waaronder keramische en CBN soorten
- Wiper-wisselplaten voor nabewerken met hoge voeding

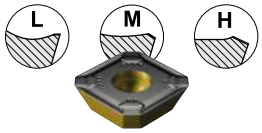



Wijdvertand Dichtvertand Extra dichtvertand



### Lichte snijwerking

Eenzijdige positieve wisselplaten die een soepele snijwerking bieden en zeer lage snijkrachten.





I10


I12



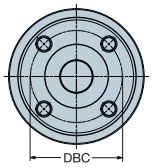
N6

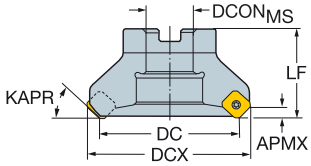
# CoroMill® 245 vlakfrees

**Doorn**

STDNO ISO6462
KAPR 45°






| DC | | CZCMS | APMXFFW | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50.0 | 12 | 22 | 6.00 | | 3 | R245-050Q22-12L | 22.0 | A | | 62.5 | 40.0 | 3.0 | 0.65 | 16250 | 3 | R245-12T3.. |
| | 12 | 22 | 6.00 | 4 | | R245-050Q22-12M | 22.0 | A | | 62.5 | 40.0 | 3.0 | 0.67 | 16250 | 4 | R245-12T3.. |
| | 12 | 22 | 6.00 | 5 | | R245-050Q22-12H | 22.0 | A | | 62.5 | 40.0 | 3.0 | 0.62 | 16250 | 5 | R245-12T3.. |
| 63.0 | 12 | 22 | 6.00 | | 4 | R245-063Q22-12L | 22.0 | A | | 75.5 | 40.0 | 3.0 | 0.89 | 14400 | 4 | R245-12T3.. |
| | 12 | 22 | 6.00 | 5 | | R245-063Q22-12M | 22.0 | A | | 75.5 | 40.0 | 3.0 | 0.84 | 14400 | 5 | R245-12T3.. |
| | 12 | 22 | 6.00 | 6 | | R245-063Q22-12H | 22.0 | A | | 75.5 | 40.0 | 3.0 | 0.87 | 14400 | 6 | R245-12T3.. |
| 80.0 | 12 | 27 | 6.00 | | 4 | R245-080Q27-12L | 27.0 | B | | 92.5 | 50.0 | 3.0 | 1.50 | 12700 | 4 | R245-12T3.. |
| | 12 | 27 | 6.00 | 6 | | R245-080Q27-12M | 27.0 | B | | 92.5 | 50.0 | 3.0 | 1.45 | 12700 | 6 | R245-12T3.. |
| | 12 | 27 | 6.00 | 8 | | R245-080Q27-12H | 27.0 | B | | 92.5 | 50.0 | 3.0 | 1.40 | 12700 | 8 | R245-12T3.. |
| | 18 | 32 | 10.00 | | 4 | R245-080Q32-18M | 32.0 | B | | 98.8 | 50.0 | 5.0 | 1.72 | 6100 | 4 | R245-18T6.. |
| | 18 | 32 | 10.00 | | 5 | R245-080Q32-18H | 32.0 | B | | 98.8 | 50.0 | 5.0 | 1.60 | 6100 | 5 | R245-18T6.. |
| 100.0 | 12 | 32 | 6.00 | | 5 | R245-100Q32-12L | 32.0 | B | | 112.5 | 50.0 | 3.0 | 1.77 | 11300 | 5 | R245-12T3.. |
| | 12 | 32 | 6.00 | 7 | | R245-100Q32-12M | 32.0 | B | | 112.5 | 50.0 | 3.0 | 1.81 | 11300 | 7 | R245-12T3.. |
| | 12 | 32 | 6.00 | 10 | | R245-100Q32-12H | 32.0 | B | | 112.5 | 50.0 | 3.0 | 1.74 | 11300 | 10 | R245-12T3.. |
| | 18 | 32 | 10.00 | | 4 | R245-100Q32-18M | 32.0 | B | | 118.8 | 50.0 | 5.0 | 2.08 | 5400 | 4 | R245-18T6.. |
| | 18 | 32 | 10.00 | | 6 | R245-100Q32-18H | 32.0 | B | | 118.8 | 50.0 | 5.0 | 1.92 | 5400 | 6 | R245-18T6.. |
| 125.0 | 12 | 40 | 6.00 | | 6 | R245-125Q40-12L | 40.0 | B | | 137.5 | 63.0 | 3.0 | 3.20 | 10100 | 6 | R245-12T3.. |
| | 12 | 40 | 6.00 | 8 | | R245-125Q40-12M | 40.0 | B | | 137.5 | 63.0 | 3.0 | 3.12 | 10100 | 8 | R245-12T3.. |
| | 12 | 40 | 6.00 | 12 | | R245-125Q40-12H | 40.0 | B | | 137.5 | 63.0 | 3.0 | 3.10 | 10100 | 12 | R245-12T3.. |
| | 18 | 40 | 10.00 | | 5 | R245-125Q40-18M | 40.0 | B | | 138.8 | 63.0 | 5.0 | 3.74 | 4900 | 5 | R245-18T6.. |
| | 18 | 40 | 10.00 | | 7 | R245-125Q40-18H | 40.0 | B | | 138.8 | 63.0 | 5.0 | 3.64 | 4900 | 7 | R245-18T6.. |
| 160.0 | 12 | 40S | 6.00 | | 7 | R245-160Q40-12L | 40.0 | C | 66.7 | 172.5 | 63.0 | 3.0 | 4.63 | 8900 | 7 | R245-12T3.. |
| | 12 | 40S | 6.00 | 10 | | R245-160Q40-12M | 40.0 | C | 66.7 | 172.5 | 63.0 | 3.0 | 4.50 | 8900 | 10 | R245-12T3.. |
| | 12 | 40S | 6.00 | 16 | | R245-160Q40-12H | 40.0 | C | 66.7 | 172.5 | 63.0 | 3.0 | 4.49 | 8900 | 16 | R245-12T3.. |
| | 18 | 40S | 10.00 | | 6 | R245-160Q40-18M | 40.0 | C | 66.7 | 178.8 | 63.0 | 5.0 | 5.11 | 4300 | 6 | R245-18T6.. |
| | 18 | 40S | 10.00 | | 9 | R245-160Q40-18H | 40.0 | C | 66.7 | 178.8 | 63.0 | 5.0 | 4.99 | 4300 | 9 | R245-18T6.. |
| 200.0 | 12 | 60 | 6.00 | | 8 | R245-200Q60-12L | 60.0 | C | 101.6 | 212.5 | 63.0 | 3.0 | 6.43 | 7950 | 8 | R245-12T3.. |
| | 12 | 60 | 6.00 | 12 | | R245-200Q60-12M | 60.0 | C | 101.6 | 212.5 | 63.0 | 3.0 | 10.64 | 7950 | 12 | R245-12T3.. |
| | 18 | 60 | 10.00 | | 8 | R245-200Q60-18M | 60.0 | C | 101.6 | 218.8 | 63.0 | 5.0 | 6.24 | 3800 | 8 | R245-18T6.. |
| | 18 | 60 | 10.00 | | 12 | R245-200Q60-18H | 60.0 | C | 101.6 | 218.8 | 63.0 | 5.0 | 6.43 | 3800 | 12 | R245-18T6.. |
| 250.0 | 12 | 60 | 6.00 | | 10 | R245-250Q60-12L | 60.0 | C | 101.6 | 262.5 | 63.0 | 3.0 | 9.12 | 7100 | 10 | R245-12T3.. |
| | 12 | 60 | 6.00 | 14 | | R245-250Q60-12M | 60.0 | C | 101.6 | 262.5 | 63.0 | 3.0 | 8.93 | 7100 | 14 | R245-12T3.. |
| | 12 | 60 | 6.00 | 24 | | R245-250Q60-12H | 60.0 | C | 101.6 | 262.5 | 63.0 | 3.0 | 8.74 | 7100 | 24 | R245-12T3.. |
| | 18 | 60 | 10.00 | | 10 | R245-250Q60-18M | 60.0 | C | 101.6 | 268.8 | 63.0 | 5.0 | 17.22 | 3400 | 10 | R245-18T6.. |
| | 18 | 60 | 10.00 | | 14 | R245-250Q60-18H | 60.0 | C | 101.6 | 268.8 | 63.0 | 5.0 | 16.00 | 3400 | 14 | R245-18T6.. |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| DC | | Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef |
| 50.00-250.00 | 12 | 5513 020-01 | 5322 472-01 | 5512 090-09 |
| 80.00-100.00 | 18 | 5513 020-55 | | |
| 125.00-250.00 | 18 | 5513 020-26 | 5322 472-03 | 5512 090-10 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I12 L2 M1 N23 N6 N9



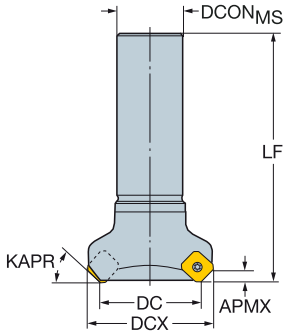
SANDVIK Coromant

# CoroMill® 245 vlakfrees

**Cilindrische schacht**

KAPR 45°






| DC | | CZCMS | APMXFFW | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.0 | 12 | 32 | 6.00 | 3 | | **R245-032A32-12M** | 32.0 | 44.5 | 39.0 | 117.0 | 3.0 | 0.97 | 18250 | 3 | R245-12T3.. |
| 40.0 | 12 | 32 | 6.00 | | 3 | **R245-040A32-12L** | 32.0 | 52.5 | 39.0 | 120.0 | 3.0 | 1.06 | 18250 | 3 | R245-12T3.. |
| 50.0 | 12 | 32 | 6.00 | | 3 | **R245-050A32-12L** | 32.0 | 62.5 | 39.0 | 120.0 | 3.0 | 1.28 | 16250 | 3 | R245-12T3.. |
| | 12 | 32 | 6.00 | 4 | | **R245-050A32-12M** | 32.0 | 62.5 | 39.0 | 120.0 | 3.0 | 1.33 | 16250 | 4 | R245-12T3.. |
| 63.0 | 12 | 32 | 6.00 | | 4 | **R245-063A32-12L** | 32.0 | 75.5 | 39.0 | 120.0 | 3.0 | 1.48 | 14400 | 4 | R245-12T3.. |
| | 12 | 32 | 6.00 | 5 | | **R245-063A32-12M** | 32.0 | 75.5 | 39.0 | 120.0 | 3.0 | 1.49 | 14400 | 5 | R245-12T3.. |
| 80.0 | 12 | 32 | 6.00 | | 4 | **R245-080A32-12L** | 32.0 | 92.5 | 39.0 | 120.0 | 3.0 | 1.80 | 12700 | 4 | R245-12T3.. |
| | 12 | 32 | 6.00 | 6 | | **R245-080A32-12M** | 32.0 | 92.5 | 39.0 | 120.0 | 3.0 | 1.74 | 12700 | 6 | R245-12T3.. |

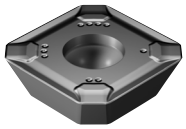
| | | Reserve onderdelen | | |
|---|---|---|---|---|
| DC | | Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef |
| 32.00 | 12 | 5513 020-01 | | |
| 40.00-80.00 | 12 | 5513 020-01 | 5322 472-01 | 5512 090-09 |

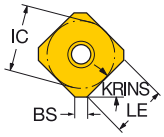
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

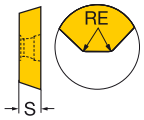
I12 L2 N23 N6 N9

# CoroMill® 245 freeswisselplaat

KRINS 45°

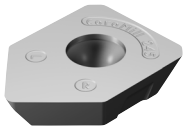




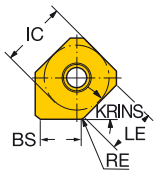




| | | | RE | Bestelnummer | P | | | | | M | | | K | | | | | | N | | | | S | | | | H | | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4230 | 4340 | 530 | 1040 | 2040 | 530 | 1020 | 3040 | 3220 | 3330 | H13A | K15W | K20W | 1130 | 530 | H10 | H13A | 1130 | H13A | S30T | S40T | 1010 | 1130 | 530 | IC | LE | S | BS |
| Licht | AL | 12 | 1.50 | R245-12 T3 E-AL | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | 13.4 | 10.0 | 3.97 | 2.3 |
| | KL | 12 | 1.50 | R245-12 T3 E-KL | | | | | | | | | ★ | | ☆ | ☆ | ☆ | ☆ | | | | | ★ | | ☆ | | | | | | 13.4 | 10.0 | 3.97 | 2.1 |
| | | | 1.50 | R245-12 T3 M-KL | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | ☆ | | | | | | | | | | | | 13.4 | 10.0 | 3.97 | 2.0 |
| | ML | 12 | 1.50 | R245-12 T3 E-ML | ☆ | | | | | ★ | | | | | | | | | | ☆ | | | | ★ | | | | | ☆ | | 13.4 | 10.0 | 3.97 | 2.1 |
| | PL | 12 | 1.50 | R245-12 T3 E-PL | ☆ | | ★ | | ☆ | | | ☆ | | | | | | | | ☆ | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | ☆ | 13.4 | 10.0 | 3.97 | 2.1 |
| | | | 1.50 | R245-12 T3 M-PL | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ☆ | | | | ☆ | | ★ | ☆ | ★ | ☆ | | 13.4 | 10.0 | 3.97 | 2.1 |
| Middelmatig | KM | 12 | 1.50 | R245-12 T3 M-KM | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | ★ | | ☆ | | | | | | | 13.4 | 10.0 | 3.97 | 2.0 |
| | | 18 | 1.00 | R245-18 T6 M-KM | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | ☆ | | | | | | | | | | | | 18.0 | 13.9 | 6.10 | 1.5 |
| | MM | 12 | 1.50 | R245-12 T3 K-MM | | | | | | ★ | | | | | | | | | ☆ | | | | | | | ★ | ☆ | | | | 13.4 | 10.0 | 3.97 | 2.1 |
| | | 18 | 1.00 | R245-18 T6 M-MM | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | 18.0 | 13.9 | 6.10 | 1.5 |
| | PM | 12 | 1.50 | R245-12 T3 M-PM | ☆ | ☆ | ★ | ☆ | ☆ | | | ☆ | | | | | | | | ☆ | ☆ | | | ☆ | | | | ★ | ☆ | ☆ | 13.4 | 10.0 | 3.97 | 2.1 |
| | | 18 | 1.00 | R245-18 T6 M-PM | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ☆ | | | | ☆ | | | | ★ | ☆ | | 18.0 | 13.9 | 6.10 | 1.5 |
| Zwaar | KH | 12 | 1.50 | R245-12 T3 M-KH | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | ☆ | | | | | | | | | | | | 13.4 | 10.0 | 3.97 | 2.0 |
| | PH | 12 | 1.60 | R245-12 T3 M-PH | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | 13.4 | 9.8 | 3.97 | 1.5 |

KRINS 45°







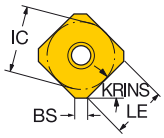


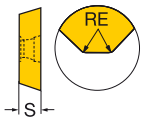
| | | | RE | Bestelnummer | P | | M | K | | | | | | N | | | | S | | | H | | | Afmetingen, mm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 530 | 530 | 1020 | 3220 | 3330 | CB50 | H13A | K15W | H10 | 1130 | 530 | H13A | 1130 | H13A | 1010 | 1130 | 530 | CB50 | IC | LE | S | BS | BSR |
| Licht | W | 12 | 2.50 | R245-12 T3 E-W | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 13.4 | 3.5 | 3.97 | 6.4 | 400.0 |
| | | 18 | 1.00 | R245-18 T6 E-W | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | | ☆ | | | 18.0 | 13.9 | 6.10 | 10.8 | 500.0 |

**Moderne snijmaterialen**

KRINS 45°






| | | RE | Bestelnummer | K | | N | H | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 6190 | CB50 | CD10 | 6190 | CB50 | IC | LE | S | BS |
| Licht | | 12 | 1.50 | R245-12 T3 E | | ☆ | ★ | | ☆ | 13.4 | 3.5 | 3.97 | 1.4 |
| | | | 2.50 | R245-12 T3 E1 | ☆ | | | ☆ | | 13.4 | 10.0 | 3.97 | 0.4 |

I10 I154 I175 N23 N10 N2



SANDVIK Coromant

# CoroMill® 425

## Eenvoudig instelbare nabewerkingsvlakfrees

### Toepassing

- Vlakfreesnabewerkingen in gietijzer
- Belangrijkste componenten: Motorblokken en cilinderkoppen
- Overige componenten: asbehuizingen, remophangingen, cartersystemen



### ISO toepassingsgebied:

K

### Voordelen en kenmerken

- Eenvoudig in het gebruik
- Acht snijkanten
- Nauwkeurig en betrouwbaar afstelsysteem

www.sandvik.coromant.com/coromill425

### Koppelingen

- Doorn
- Cap bevestiging

### Wisselplaten

- Acht snijkanten

### Afstelbare wiper-wisselplaten

CoroMill® 425 biedt eenvoudig afstelbare wiper-wisselplaten. U kunt deze omhoog en omlaag afstellen zonder de spanschroef van de cassette los te hoeven draaien. Dankzij het speciale ontwerp is het afstelsysteem uiterst nauwkeurig en stabiel.



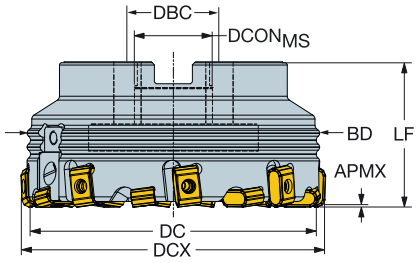
I14 I15

# CoroMill® 425 vlakfrees

## Doorn

STDNO ISO6462
KAPR 25°



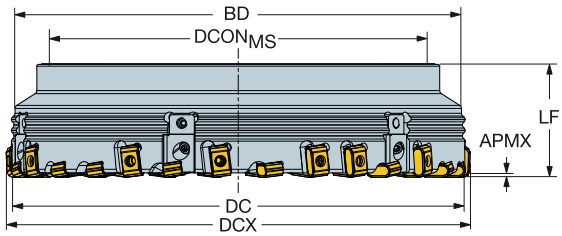



| DC | | CZCMS | APMX | ZADJ | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | DCX | BD | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100.0 | 17 | 32 | 0.9 | 2 | 12 | 425-100Q32-17H | 32.0 | A | | 107.0 | 101.9 | 63.0 | 3.0 | 2.23 | 4770 | 12 | 425N-1707 |
| 125.0 | 17 | 40 | 0.9 | 2 | 16 | 425-125Q40-17H | 40.0 | B | | 132.0 | 126.6 | 63.0 | 3.0 | 3.45 | 3820 | 16 | 425N-1707 |
| 160.0 | 17 | 40S | 0.9 | 3 | 18 | 425-160Q40-17H | 40.0 | C | 66.7 | 167.0 | 161.3 | 63.0 | 3.0 | 5.10 | 2980 | 18 | 425N-1707 |
| 200.0 | 17 | 60 | 0.9 | 3 | 24 | 425-200Q60-17H | 60.0 | C | 101.6 | 207.0 | 201.1 | 63.0 | 3.0 | 7.69 | 2390 | 24 | 425N-1707 |
| 250.0 | 17 | 60 | 0.9 | 6 | 30 | 425-250Q60-17H | 60.0 | C | 101.6 | 257.0 | 251.1 | 63.0 | 3.0 | 12.99 | 1910 | 30 | 425N-1707 |

## Cap bevestiging

KAPR 25°






| DC | | CZCMS | APMX | ZADJ | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 250.0 | 17 | 250 | 0.9 | 6 | 30 | 425-250P-17H | 203.7 | 257.0 | 251.1 | 63.0 | 3.0 | 9.62 | 1910 | 30 | 425N-1707 |
| | 17 | 250 | 0.9 | 6 | 30 | L425-250P-17H | 203.7 | 257.0 | 251.1 | 63.0 | 3.0 | 9.62 | 1910 | 30 | 425N-1707 |
| 315.0 | 17 | 315 | 0.9 | 6 | 36 | 425-315P-17H | 268.7 | 322.0 | 316.1 | 63.0 | 3.0 | 13.60 | 1520 | 36 | 425N-1707 |
| | 17 | 315 | 0.9 | 6 | 36 | L425-315P-17H | 268.7 | 322.0 | 316.1 | 63.0 | 3.0 | 13.60 | 1520 | 36 | 425N-1707 |
| 355.0 | 17 | 355 | 0.9 | 6 | 48 | 425-355P-17H | 308.7 | 362.0 | 356.1 | 63.0 | 3.0 | 16.45 | 1340 | 48 | 425N-1707 |
| | 17 | 355 | 0.9 | 6 | 48 | L425-355P-17H | 308.7 | 362.0 | 356.1 | 63.0 | 3.0 | 16.45 | 1340 | 48 | 425N-1707 |
| 400.0 | 17 | 400 | 0.9 | 9 | 54 | 425-400P-17H | 353.7 | 407.0 | 401.1 | 63.0 | 3.0 | 20.09 | 1190 | 54 | 425N-1707 |
| | 17 | 400 | 0.9 | 9 | 54 | L425-400P-17H | 353.7 | 407.0 | 401.1 | 63.0 | 3.0 | 20.09 | 1190 | 54 | 425N-1707 |
| 500.0 | 17 | 500 | 0.9 | 9 | 54 | 425-500P-17M | 453.7 | 507.0 | 501.1 | 63.0 | 3.0 | 30.92 | 950 | 54 | 425N-1707 |
| | 17 | 500 | 0.9 | 9 | 54 | L425-500P-17M | 453.7 | 507.0 | 501.1 | 63.0 | 3.0 | 42.00 | 950 | 54 | 425N-1707 |

Reserve onderdelen

| Spanschroef | Wigset | Schroef | Schroef | Wisselplaat-schroef | Cassette |
|---|---|---|---|---|---|
| 3212 012-260 | 5332 010-09 | 5516 035-09 | 5513 014-75 | 5513 020-13 | R425-CA-17-2 |

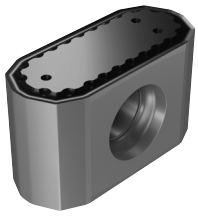
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I41 L2 M1 N23 N9

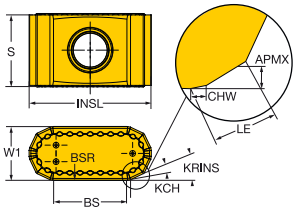


SANDVIK Coromant

# CoroMill® 425 freeswisselplaat



KRINS 25°




| | | | | | | K | | | | | Afmetingen, mm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | KCH | CHW | Bestelnummer | 1010 | 1020 | 3220 | 3330 | K20W | W1 | LE | S | BS | BSR |
| Licht | KLW | 17 | 14° | 0.4 | 425N-1707E-KLW12 | ★ | ☆ | ☆ | ☆ | ☆ | 7.5 | 2.1 | 10.00 | 10.4 | 1250.0 |

# CoroMill® 745

## Multisnijkant vlakfrees en hoge voedings freesconcepten.

### Toepassing

- Vlakfrezen
- Voorfrezen tot semi-nafrezen
- Frezen met hoge voeding

### ISO toepassingsgebied:

P M K S

### Voordelen en kenmerken

- Multi-snijkant concept voor grote serieproducties, flexibele productiestraten en wanneer maximaal gereedschapsgebruik is vereist
- CoroMill 745 met 42° instelhoek wordt gebruik in ISO P, K, M en S toepassingen waar APMX is 5,2 mm
- CoroMill 745 hoge voedingsfrees met 25° instelhoek wordt gebruikt als een productiviteitsverbeteraar in ISO P en ISO K toepassingen waar APMX is 2,8 mm
- De unieke differentiële MD-vertanding is uitermate geschikt voor het oplossen van problemen bij de bewerking van trillingsgevoelige componenten en minder krachtige configuraties



**CoroMill® 745 vlakfrees Zie pagina I17**

**CoroMill® 745 vlakfrezen met hoge voeding Zie pagina I43**

www.sandvik.coromant.com/coromill745

### Koppelingen

- Coromant Capto®
- Doorn

### Wisselplaten

- 14 snijkanten
- De veilige tipzitting en de grote, robuuste wisselplaat met sterke, licht snijdende geometrieën zijn ontworpen voor betrouwbaar en voorspelbaar bewerken.

### Baanbrekende technologie

Beschikbaar met 42° instelhoek voor grotere snijdieptes en als een hoge voedigsversie met 25° instelhoek voor een nog groter verspaningsvolume. Dezelfde wisselplaten worden gebruikt in beide frezen.





### Differentiële MD-vertanding

De unieke differentiële MD-vertanding is de eerste keuze bij voorbewerken waar een licht snijdende werking is vereist, bijv. in trillinggevoelige en zwakke opstellingen. Het is een perfecte probleemoplosser als trillingen een beperkende factor in de productie zijn. De lengte en het gewicht van dhet freeslichaam zijn verminderd om de prestaties in laagproductieve toepassingen te verbeteren. De frees heeft een logaritmische differentiële vertanding, en de wisselplaatpositie heeft een radiale compensatie om een gelijkmatige spaanbelasting op elke wisselplaat te geven.

 I17

 I19



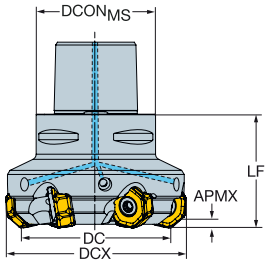
SANDVIK Coromant

# CoroMill® 745 vlakfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 42°






| DC | | CZC$_{MS}$ | APMX$_{FFW}$ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63.0 | 21 | C5 | 5.20 | 3 | 5 | **745-063C5-21M** | 50.0 | 78.2 | 60.0 | 12.0 | 1.30 | 5894 | 5 | 745R-2109 |
| | 21 | C6 | 5.20 | 3 | 5 | **745-063C6-21M** | 63.0 | 78.2 | 60.0 | 12.0 | 1.84 | 5894 | 5 | 745R-2109 |
| | 21 | C5 | 5.20 | 3 | 7 | **745-063C5-21H** | 50.0 | 78.2 | 60.0 | 12.0 | 1.34 | 5894 | 7 | 745R-2109 |
| | 21 | C6 | 5.20 | 3 | 7 | **745-063C6-21H** | 63.0 | 78.2 | 60.0 | 12.0 | 1.66 | 5894 | 7 | 745R-2109 |
| 80.0 | 21 | C6 | 5.20 | 3 | 6 | **745-080C6-21M** | 63.0 | 95.2 | 60.0 | 12.0 | 2.21 | 5324 | 6 | 745R-2109 |
| | 21 | C8 | 5.20 | 3 | 6 | **745-080C8-21M** | 80.0 | 95.2 | 65.0 | 12.0 | 3.12 | 5324 | 6 | 745R-2109 |
| | 21 | C6 | 5.20 | 3 | 9 | **745-080C6-21H** | 63.0 | 95.2 | 60.0 | 12.0 | 2.09 | 5324 | 9 | 745R-2109 |
| | 21 | C8 | 5.20 | 3 | 9 | **745-080C8-21H** | 80.0 | 95.2 | 65.0 | 12.0 | 3.23 | 5324 | 9 | 745R-2109 |
| 100.0 | 21 | C8 | 5.20 | 3 | 7 | **745-100C8-21M** | 80.0 | 115.2 | 65.0 | 12.0 | 3.66 | 4765 | 7 | 745R-2109 |
| | 21 | C8 | 5.20 | 3 | 11 | **745-100C8-21H** | 80.0 | 115.2 | 65.0 | 12.0 | 3.62 | 4765 | 11 | 745R-2109 |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-80 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

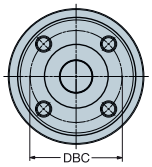
I19 L2 N23 N9 N15

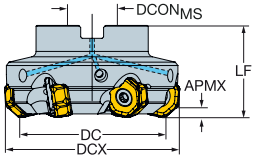
# CoroMill® 745 vlakfrees

**Doornbevestiging - inwendige koelvloeistoftoevoer**

STDNO ISO6462
KAPR 42°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63.0 | 21 | 22 | 5.20 | 3 | 5 | | 745-063Q22-21M | 22.0 | A | | 78.2 | 50.0 | 12.0 | 0.80 | 5894 | 5 | 745R-2109 |
| | 21 | 22 | 5.20 | 3 | | 5 | 745-063Q22-21MD | 22.0 | A | | 78.2 | 46.0 | 12.0 | 0.83 | 5894 | 5 | 745R-2109 |
| | 21 | 22 | 5.20 | 3 | 7 | | 745-063Q22-21H | 22.0 | A | | 78.2 | 50.0 | 12.0 | 0.98 | 5894 | 7 | 745R-2109 |
| 80.0 | 21 | 27 | 5.20 | 3 | 6 | | 745-080Q27-21M | 27.0 | A | | 95.2 | 50.0 | 12.0 | 1.48 | 5324 | 6 | 745R-2109 |
| | 21 | 27 | 5.20 | 3 | | 6 | 745-080Q27-21MD | 27.0 | A | | 95.2 | 48.0 | 12.0 | 1.38 | 5324 | 6 | 745R-2109 |
| | 21 | 27 | 5.20 | 3 | 9 | | 745-080Q27-21H | 27.0 | A | | 95.2 | 50.0 | 12.0 | 1.37 | 5324 | 9 | 745R-2109 |
| 100.0 | 21 | 32 | 5.20 | 3 | 7 | | 745-100Q32-21M | 32.0 | A | | 115.2 | 50.0 | 12.0 | 2.19 | 4765 | 7 | 745R-2109 |
| | 21 | 32 | 5.20 | 3 | | 7 | 745-100Q32-21MD | 32.0 | A | | 115.2 | 50.0 | 12.0 | 2.12 | 4765 | 7 | 745R-2109 |
| | 21 | 32 | 5.20 | 3 | 11 | | 745-100Q32-21H | 32.0 | A | | 115.2 | 50.0 | 12.0 | 2.01 | 4765 | 11 | 745R-2109 |
| 125.0 | 21 | 40 | 5.20 | 3 | 8 | | 745-125Q40-21M | 40.0 | B | | 140.2 | 63.0 | 12.0 | 3.75 | 4216 | 8 | 745R-2109 |
| | 21 | 40 | 5.20 | 3 | | 8 | 745-125Q40-21MD | 40.0 | B | | 140.2 | 54.0 | 12.0 | 2.95 | 4216 | 8 | 745R-2109 |
| | 21 | 40 | 5.20 | 3 | 14 | | 745-125Q40-21H | 40.0 | B | | 140.2 | 63.0 | 12.0 | 3.53 | 4216 | 14 | 745R-2109 |
| 160.0 | 21 | 40 | 5.20 | 3 | 10 | | 745-160Q40-21M | 40.0 | B | | 175.2 | 63.0 | 12.0 | 5.26 | 3675 | 10 | 745R-2109 |
| | 21 | 40 | 5.20 | 3 | | 10 | 745-160Q40-21MD | 40.0 | B | | 175.2 | 60.0 | 12.0 | 4.70 | 3675 | 10 | 745R-2109 |
| | 21 | 40 | 5.20 | 3 | 16 | | 745-160Q40-21H | 40.0 | B | | 175.2 | 63.0 | 12.0 | 4.75 | 3675 | 16 | 745R-2109 |
| 200.0 | 21 | 60 | 5.20 | 0 | 14 | | 745-200Q60-21M | 60.0 | C | 101.6 | 215.2 | 63.0 | 12.0 | 6.31 | 3292 | 14 | 745R-2109 |
| | 21 | 60 | 5.20 | 0 | 21 | | 745-200Q60-21H | 60.0 | C | 101.6 | 215.2 | 63.0 | 12.0 | 6.61 | 3292 | 21 | 745R-2109 |
| 250.0 | 21 | 60 | 5.20 | 0 | 16 | | 745-250Q60-21M | 60.0 | C | 101.6 | 264.4 | 63.0 | 12.0 | 9.40 | 2998 | 16 | 745R-2109 |
| | 21 | 60 | 5.20 | 0 | 26 | | 745-250Q60-21H | 60.0 | C | 101.6 | 264.4 | 63.0 | 12.0 | 9.00 | 2998 | 26 | 745R-2109 |

| | Reserve onderdelen | |
|---|---|---|
| DC | Schroef met platte kop | Wisselplaat-schroef |
| 63.00 | 5512 073-01 | 5513 020-80 |
| 80.00 | 5512 073-02 | 5513 020-80 |
| 100.00 | 5512 073-05 | 5513 020-80 |
| 125.00-160.00 | 5512 098-03 | 5513 020-80 |
| 250.00 | - | 5513 020-80 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I45


L2


M1



N23



N9

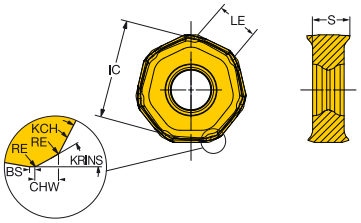


N15

# CoroMill® 745 freeswisselplaat

KRINS 42°






| | | | RE | KCH | CHW | Bestelnummer | P 1130 | P 4220 | P 4230 | P 4240 | M 1040 | M 2040 | K 1020 | K 3040 | K 20D | K 20W | S 30T | S 40T | Afmetingen, mm IC | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | M30 | 21 | 1.00 | 17° | 1.3 | 745R-2109E-M30 | ★ | ☆ | ★ | ☆ | | | ★ | ☆ | ☆ | ☆ | | | 21.0 | 8.9 | 9.00 | 0.3 | 25.0 |
| | M31 | 21 | 1.00 | | | 745R-2109E-M31 | ★ | ☆ | ★ | ☆ | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ★ | ☆ | 21.0 | 7.1 | 9.00 | 1.9 | 150.0 |
| | M50 | 21 | 1.00 | 17° | 1.3 | 745R-2109E-M50 | ☆ | ☆ | ★ | ☆ | | | | ★ | ☆ | ☆ | | | 21.0 | 8.9 | 9.00 | 0.3 | 25.0 |
| | | | 1.00 | 17° | 1.3 | 745L-2109E-M50 | | | ★ | | | | | | ☆ | ☆ | | | 21.0 | 8.5 | 9.00 | 0.3 | 25.0 |
| Zwaar | H50 | 21 | 1.00 | 17° | 1.3 | 745R-2109E-H50 | | ☆ | ★ | ☆ | | | | ★ | ☆ | ☆ | | | 21.0 | 8.9 | 9.00 | 0.3 | 25.0 |

745R-2109E-M31 wordt niet aanbevolen voor CoroMill 745 hoge voedingsfrees met 25° instelhoek.

I17 I154 I175 N23 N10

# CoroMill® 360

## Heavy duty vlakfrees

**ISO toepassingsgebied:**

P M K

**Toepassing**

- Zwaar vlakfrezen

**Voordelen en kenmerken**

- Uitwisselbare wisselplaatcassettes, met getande koppeling bieden veiligheid, nauwkeurige plaatsing en zijn gemakkelijk in het gebruik
- Afzonderlijke cassettes voor elke wisselplaatgrootte voor gebruik in hetzelfde freeslichaam reduceert de stilstandtijd en de voorraad
- Rechtse- of linkse gereedschapsuitvoering leverbaar
- Unieke cassette-oplossing



M



H



De unieke cassette-oplossing met wig geklemde wisselplaten biedt een hoge betrouwbaarheid en maakt het eenvoudig de wisselplaten te wisselen. Hetzelfde lichaam wordt gebruikt voor beide cassettegroottes. Er is een aparte wig en cassette voor de respectievelijke wisselplaatgrootte. Bij het vervangen ervoor zorgen dat u van elk de juiste maat heeft.





I21



I22



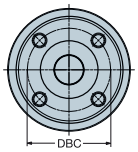
SANDVIK Coromant

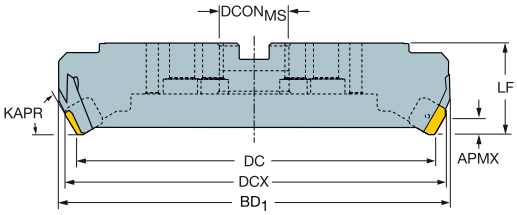
# CoroMill® 360 vlakfrees

**Doorn**

STDNO ISO6462
KAPR 60°






| | | | | | | | | Afmetingen, mm | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DC | | $CZC_{MS}$ | APMX | ZADJ | | | **Bestelnummer** | $DCON_{MS}$ | ISO | DBC | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
| 160.0 | 19 | 40 | 13.0 | 6 | | 6 | **360-160Q40-Z6D19** | 40.0 | B | | 175.0 | 186.6 | 13.0 | 80.0 | 16.0 | 16.11 | 795 | 6 | 360R-1906 |
| | 19 | 40 | 13.0 | 8 | 8 | | **360-160Q40-Z8E19** | 40.0 | B | | 175.0 | 186.6 | 13.0 | 80.0 | 16.0 | 10.66 | 795 | 8 | 360R-1906 |
| | 28 | 40 | 18.0 | 8 | 8 | | **360-160Q40-Z8E28** | 40.0 | B | | 180.8 | 186.2 | 18.0 | 80.0 | 16.0 | 15.47 | 795 | 8 | 360R-2807 |
| 200.0 | 19 | 60 | 13.0 | 8 | | 8 | **360-200Q60-Z8D19** | 60.0 | C | 101.6 | 215.0 | 226.6 | 13.0 | 80.0 | 16.0 | 19.96 | 640 | 8 | 360R-1906 |
| | 19 | 60 | 13.0 | 10 | 10 | | **360-200Q60-Z10E19** | 60.0 | C | 101.6 | 215.0 | 226.6 | 13.0 | 80.0 | 16.0 | 19.78 | 640 | 10 | 360R-1906 |
| | 28 | 60 | 18.0 | 10 | 10 | | **360-200Q60-Z10E28** | 60.0 | C | 101.6 | 220.8 | 226.2 | 18.0 | 80.0 | 16.0 | 15.20 | 640 | 10 | 360R-2807 |
| 250.0 | 19 | 60 | 13.0 | 10 | | 10 | **360-250Q60-Z10D19** | 60.0 | C | 101.6 | 265.0 | 276.6 | 13.0 | 80.0 | 16.0 | 26.77 | 510 | 10 | 360R-1906 |
| | 19 | 60 | 13.0 | 12 | 12 | | **360-250Q60-Z12E19** | 60.0 | C | 101.6 | 265.0 | 276.6 | 13.0 | 80.0 | 16.0 | 27.00 | 510 | 12 | 360R-1906 |
| | 28 | 60 | 18.0 | 10 | | 10 | **360-250Q60-Z10D28** | 60.0 | C | 101.6 | 270.8 | 276.2 | 18.0 | 80.0 | 16.0 | 26.50 | 510 | 10 | 360R-2807 |
| | 28 | 60 | 18.0 | 12 | 12 | | **360-250Q60-Z12E28** | 60.0 | C | 101.6 | 270.8 | 276.2 | 18.0 | 80.0 | 16.0 | 26.13 | 510 | 12 | 360R-2807 |
| 315.0 | 19 | 60 | 13.0 | 12 | | 12 | **360-315Q60-Z12D19** | 60.0 | C | | 330.0 | 341.6 | 13.0 | 80.0 | 16.0 | 42.32 | 405 | 12 | 360R-1906 |
| | 28 | 60 | 18.0 | 12 | | 12 | **360-315Q60-Z12D28** | 60.0 | C | | 335.8 | 341.2 | 18.0 | 80.0 | 16.0 | 39.90 | 405 | 12 | 360R-2807 |
| | 28 | 60 | 18.0 | 15 | 15 | | **360-315Q60-Z15E28** | 60.0 | C | | 335.8 | 341.2 | 18.0 | 80.0 | 16.0 | 34.00 | 405 | 15 | 360R-2807 |
| 400.0 | 19 | 60 | 13.0 | 15 | | 15 | **360-400Q60-Z15D19** | 60.0 | C | | 415.0 | 426.6 | 13.0 | 80.0 | 16.0 | 60.00 | 320 | 15 | 360R-1906 |
| | 28 | 60 | 18.0 | 15 | | 15 | **360-400Q60-Z15D28** | 60.0 | C | | 420.8 | 426.2 | 18.0 | 80.0 | 16.0 | 58.00 | 320 | 15 | 360R-2807 |

| | | Reserve onderdelen | | | | |
|---|---|---|---|---|---|---|
| DC | | Cassette | Wisselplaat wig | Wisselplaat wigschroef | Cassette wig | Cassette wig schroef |
| 160.00-315.00 | 19 | 360R-CA-19 | 360R-IW-19 | 267.21-830 | 5431 105-08 | 5516 010-06 |
| 200.00-400.00 | 28 | 360R-CA-28 | 360R-IW-28 | 267.21-830 | 5431 105-08 | 5516 010-06 |

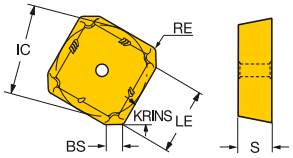
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I22 L2 M1 N23 N9

# CoroMill® 360 freeswisselplaat

KRINS 60°






| | | SSC | RE | Bestelnummer | P | | | | | | M | | | K | | | | | Afmetingen, mm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 2030 | 2040 | 3040 | 4220 | 4330 | 4340 | 2030 | 2040 | 4340 | 3040 | 3330 | 4220 | 4330 | 4340 | IC | LE | S | BS | BSR |
| Zwaar | KH | 19 | 1.60 | 360R-19 06M-KH | | | ☆ | | | | | | | ☆ | ★ | | | | 18.9 | 15.0 | 6.35 | 2.2 | 200.0 |
| | | 28 | 1.70 | 360L-2807M-KH | | | ☆ | | | | | | | ★ | | | | | 28.5 | 20.0 | 7.94 | 4.6 | 200.0 |
| | | | 1.70 | 360R-28 07M-KH | | | ☆ | | | | | | | ☆ | ★ | | | | 28.5 | 20.0 | 7.94 | 4.6 | 200.0 |
| | MH | 19 | 1.60 | 360L-1906M-MH | | ☆ | | | | | | ★ | | | | | | | 18.9 | 15.0 | 6.35 | 2.2 | 200.0 |
| | | | 1.60 | 360R-19 06M-MH | ☆ | ☆ | | | | | ☆ | ★ | | | | | | | 18.9 | 15.0 | 6.35 | 2.2 | 200.0 |
| | | 28 | 1.70 | 360L-2807M-MH | | ☆ | | | | | | ★ | | | | | | | 28.5 | 20.0 | 7.94 | 4.6 | 200.0 |
| | | | 1.70 | 360R-28 07M-MH | | ☆ | | | | | | ★ | | | | | | | 28.5 | 20.0 | 7.94 | 4.6 | 200.0 |
| | PH | 19 | 1.60 | 360L-1906M-PH | | | | | ★ | | | | | | | | ☆ | | 18.9 | 15.0 | 6.35 | 2.2 | 200.0 |
| | | | 1.60 | 360R-19 06M-PH | | | | ☆ | ★ | ☆ | | | ☆ | | | ☆ | ☆ | ☆ | 18.9 | 15.0 | 6.35 | 2.2 | 200.0 |
| | | 28 | 1.70 | 360L-2807M-PH | | | | | ★ | | | | | | | | ☆ | | 28.5 | 20.0 | 7.94 | 4.6 | 200.0 |
| | | | 1.70 | 360R-28 07M-PH | | | | | ★ | ☆ | | | ☆ | | | | ☆ | ☆ | 28.5 | 20.0 | 7.94 | 4.6 | 200.0 |

I21 I154 I175 N23 N10

# CoroMill® 365

## Betrouwbaar vlakfrezen in gietijzer en staal

### ISO toepassingsgebied

P M K N S H

### Toepassing

- Vlakfrezen
- Voorbewerken tot semi-nabewerken



### Voordelen en kenmerken

- Uniek ontwerp met acht "reële" snijkanten voor een hoge productiviteit om de laagste kosten per component te realiseren
- Multi-snijkant zelf-lokaliserende wisselplaat biedt een robuuste en betrouwbare bewerking
- Coromant Capto® koppeling of opsteekdoorn gemonteerd
- Ontwerp met koelvloeistof binnendoor
- Geometrie en hardmetaalsoort met laser gemarkeerd op de wisselplaat voor eenvoudige identificatie
- Wiper wisselplaten voor een verbeterde oppervlakte-afwerking

CoroMill® 365 is het essentiële gereedschap voor het voorbewerken tot semi-nabewerken bij het vlakfrezen van gietijzer- en stalen componenten. Gebruik het gereedschap voor productie van grote series en toepassingen waar een groot verspaand volume van kritisch belang is.

### Wisselplaten

- Het gereedschapsontwerp biedt een groot steunvlak en optimale verdeling van de snijkrachten.

I24 I26

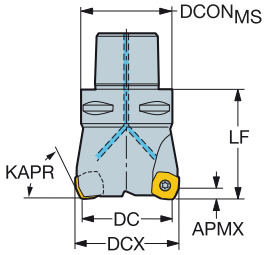
# CoroMill® 365 vlakfrees

**Coromant Capto®**

**Klemschroef ontwerp**

KAPR 65°





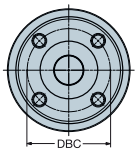

| DC | | CZCMS | APMX | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.0 | 15 | C6 | 6.0 | 3 | 5 | R365-063C6-S15M | 63.0 | 69.7 | 60.0 | 3.0 | 1.88 | 13600 | 5 | R365-1505ZNE |

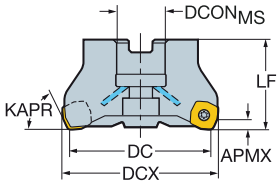
**Doorn**

**Klemschroef ontwerp**

STDNO ISO6462
KAPR 65°






| DC | | CZCMS | APMX | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50.0 | 15 | 22 | 6.0 | 1 | 5 | | R365-050Q22-S15H | 22.0 | A | | 56.7 | 50.0 | 3.0 | 0.68 | 15700 | 5 | R365-1505ZNE |
| 63.0 | 15 | 22 | 6.0 | 1 | | 5 | R365-063Q22-S15M | 22.0 | A | | 69.7 | 50.0 | 3.0 | 1.00 | 13600 | 5 | R365-1505ZNE |
| | 15 | 22 | 6.0 | 1 | 6 | | R365-063Q22-S15H | 22.0 | A | | 69.7 | 50.0 | 3.0 | 0.98 | 13600 | 6 | R365-1505ZNE |
| 80.0 | 15 | 27 | 6.0 | 1 | | 6 | R365-080Q27-S15M | 27.0 | A | | 86.7 | 50.0 | 3.0 | 1.70 | 11500 | 6 | R365-1505ZNE |
| | 15 | 27 | 6.0 | 1 | 8 | | R365-080Q27-S15H | 27.0 | A | | 86.7 | 50.0 | 3.0 | 1.68 | 11500 | 8 | R365-1505ZNE |
| 100.0 | 15 | 32 | 6.0 | 1 | | 7 | R365-100Q32-S15M | 32.0 | A | | 106.7 | 50.0 | 3.0 | 2.20 | 9900 | 7 | R365-1505ZNE |
| | 15 | 32 | 6.0 | 1 | 10 | | R365-100Q32-S15H | 32.0 | A | | 106.7 | 50.0 | 3.0 | 2.20 | 9900 | 10 | R365-1505ZNE |
| 125.0 | 15 | 40 | 6.0 | 1 | | 8 | R365-125Q40-S15M | 40.0 | B | | 131.7 | 63.0 | 3.0 | 3.94 | 8500 | 8 | R365-1505ZNE |
| | 15 | 40 | 6.0 | 1 | 12 | | R365-125Q40-S15H | 40.0 | B | | 131.7 | 63.0 | 3.0 | 3.87 | 8500 | 12 | R365-1505ZNE |
| 160.0 | 15 | 40S | 6.0 | 0 | | 10 | R365-160Q40-S15M | 40.0 | C | 66.7 | 166.7 | 63.0 | 3.0 | 5.80 | 7500 | 10 | R365-1505ZNE |
| | 15 | 40S | 6.0 | 0 | 14 | | R365-160Q40-S15H | 40.0 | C | 66.7 | 166.7 | 63.0 | 3.0 | 5.76 | 7500 | 14 | R365-1505ZNE |

| Reserve onderdelen |
|---|
| Schroef |
| 5513 020-29 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I26


L2



N23



N15



N9



SANDVIK Coromant

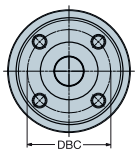
# CoroMill® 365 vlakfrees

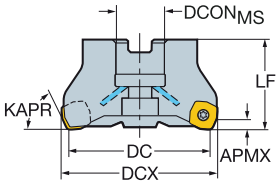
**Doorn**

**Vingerwiguitvoering**



STDNO ISO6462
KAPR 65°




| DC | | $CZC_{MS}$ | APMX | | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | ISO | DBC | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80.0 | 15 | 27 | 6.0 | 10 | **R365-080Q27-W15H** | 27.0 | A | | 86.7 | 50.0 | 6.0 | 1.79 | 11200 | 10 | R365-1505ZNE |
| | 15 | 27 | 6.0 | 10 | **L365-080Q27-W15H** | 27.0 | A | | 86.7 | 50.0 | 6.0 | 1.79 | 11200 | 10 | L365-1505ZNE |
| 100.0 | 15 | 32 | 6.0 | 14 | **R365-100Q32-W15H** | 32.0 | A | | 106.7 | 50.0 | 6.0 | 2.26 | 9900 | 14 | R365-1505ZNE |
| 125.0 | 15 | 40 | 6.0 | 18 | **R365-125Q40-W15H** | 40.0 | B | | 131.7 | 63.0 | 6.0 | 4.00 | 8800 | 18 | R365-1505ZNE |
| | 15 | 40 | 6.0 | 18 | **L365-125Q40-W15H** | 40.0 | B | | 131.7 | 63.0 | 6.0 | 4.00 | 8800 | 18 | L365-1505ZNE |
| 160.0 | 15 | 40S | 6.0 | 22 | **R365-160Q40-W15H** | 40.0 | C | 66.7 | 166.7 | 63.0 | 6.0 | 5.86 | 7700 | 22 | R365-1505ZNE |
| 200.0 | 15 | 60 | 6.0 | 28 | **R365-200Q60-W15H** | 60.0 | C | 101.6 | 206.7 | 63.0 | 6.0 | 14.54 | 6800 | 28 | R365-1505ZNE |
| 250.0 | 15 | 60 | 6.0 | 36 | **R365-250Q60-W15H** | 60.0 | C | 101.6 | 256.7 | 63.0 | 6.0 | 20.16 | 6100 | 36 | R365-1505ZNE |

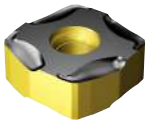
| Reserve onderdelen | |
|---|---|
| Wigschroef | Wigset |
| 339-831 | 5431 058-01 |

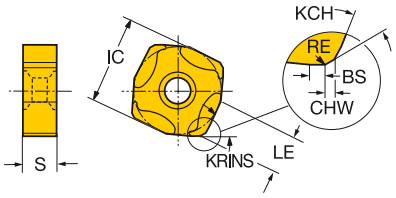
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I26 L2 N23 N15 N9

# CoroMill® 365 freeswisselplaat

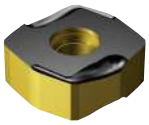
KRINS 65°



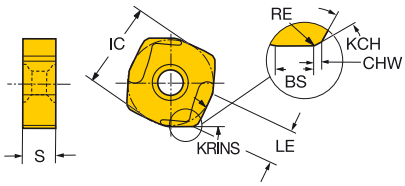



| | | | RE | KCH | CHW | Bestelnummer | P 1130 | P 4220 | P 4330 | M 1130 | K 1020 | K 3330 | K 20D | K K20W | N 1130 | S 1130 | H 1010 | H 1130 | Afmetingen, mm IC | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | KL | 15 | | 30° | 0.7 | L365-1505ZNE-KL | | | | | ★ | ☆ | | | | | | | 15.0 | 6.4 | 5.66 | 1.5 | |
| | | | 0.30 | 35° | 0.7 | R365-1505ZNE-KL | | | | | ★ | ☆ | ☆ | ☆ | | | | | 15.0 | 6.4 | 5.66 | 1.5 | 150.0 |
| | PL | 15 | 0.30 | 35° | 0.7 | R365-1505ZNE-PL | ☆ | | | ☆ | | | | | ☆ | ☆ | | ☆ | 15.0 | 6.4 | 5.66 | 1.5 | 150.0 |
| Middelmatig | KM | 15 | 0.30 | 35° | 0.7 | L365-1505ZNE-KM | | | | | ☆ | ★ | ☆ | ☆ | | | | | 15.0 | 6.4 | 5.66 | 1.5 | |
| | | | 0.30 | 35° | 0.7 | R365-1505ZNE-KM | | | | | ☆ | ★ | ☆ | ☆ | | | | | 15.0 | 6.4 | 5.66 | 1.5 | 150.0 |
| | PM | 15 | 0.30 | 35° | 0.7 | R365-1505ZNE-PM | ☆ | ☆ | ★ | ☆ | | | | | ☆ | ☆ | ★ | ☆ | 15.0 | 6.4 | 5.66 | 1.5 | 150.0 |

KRINS 65°



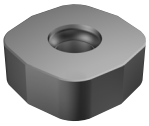
TECHNOLOGY Wiper

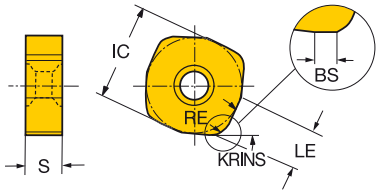



| | | | RE | KCH | CHW | Bestelnummer | P 1030 | P 1130 | M 1030 | M 1130 | K 1020 | K K20W | K 3220 | K 3330 | H 1030 | H 1130 | Afmetingen, mm IC | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | KW4 | 15 | 0.55 | 35° | 0.8 | N365-1505ZNE-KW4 | | | | | ☆ | ☆ | ☆ | ☆ | | | 15.0 | 6.4 | 5.66 | 4.0 | 200.0 |
| | KW8 | 15 | 0.20 | 35° | 0.8 | N365-1505ZNE-KW8 | | | | | ☆ | ☆ | ☆ | ☆ | | | 15.0 | 6.4 | 5.66 | 8.0 | 431.0 |
| | PW4 | 15 | 0.55 | 35° | 0.8 | N365-1505ZNE-PW4 | ☆ | | ☆ | | | | | | ☆ | | 15.0 | 6.4 | 5.66 | 4.0 | 200.0 |
| | PW8 | 15 | 0.20 | 35° | 0.8 | N365-1505ZNE-PW8 | | ☆ | | ☆ | | | | | | ☆ | 15.0 | 6.4 | 5.66 | 8.0 | 431.0 |

## Moderne snijmaterialen

KRINS 65°





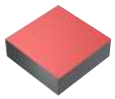
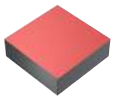
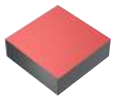
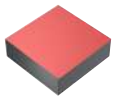
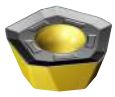
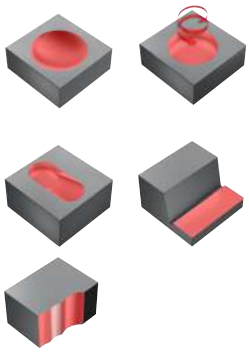
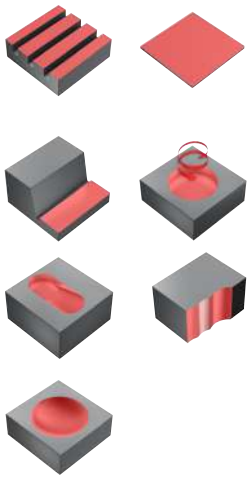
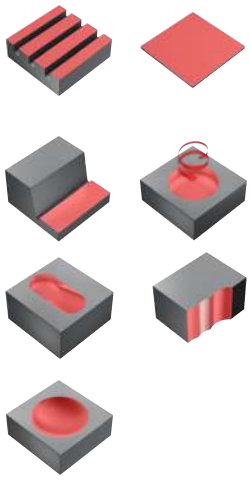
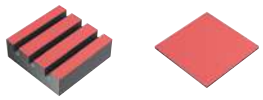

| | | RE | Bestelnummer | K 6190 | H 6190 | Afmetingen, mm IC | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|
| Licht | 15 | 3.60 | N365-1505ZNE | ☆ | ☆ | 15.0 | 6.4 | 5.66 | 1.2 | 150.0 |
| Middelmatig | 15 | 3.60 | N365-150536E | ☆ | ☆ | 15.0 | 6.4 | 5.66 | | |

I24 I154 I175 N23 N10



SANDVIK Coromant

# Hoge voedingsfrezen

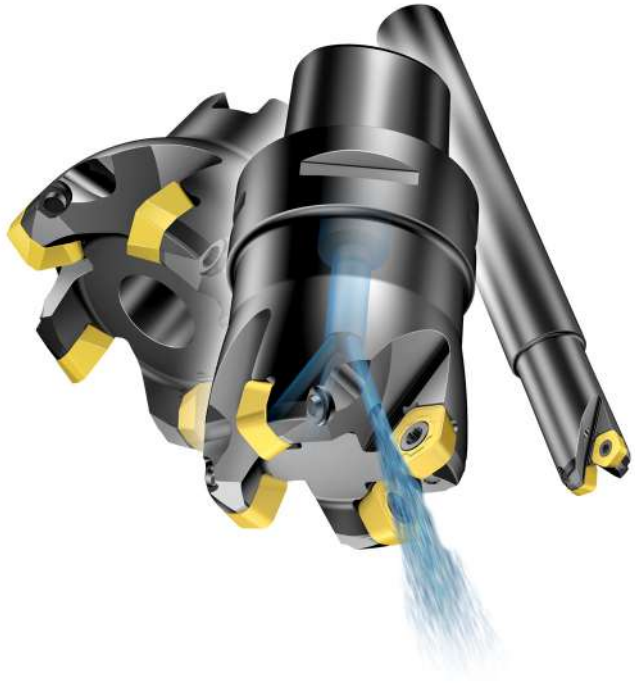
| | CoroMill® 419 | CoroMill® 210 | CoroMill® 415 | CoroMill® 745 |
|---|---|---|---|---|
| |  |  |  |  |
| Pagina | I29 | I33 | I38 | I43 |
| Materiaal | P M K S H | P M K S H | P M S H | P K |
| Hoofdbewerking |  |  |  |  |
| KAPR | 19° | 10° | 15° | 25° |
| $D_c$ mm | 17.4 - 85.3 | 10.9 - 136 | 4.6 - 23.6 | 63 - 160 |
| DCX mm | 32.0 - 100.0 | 25 - 160 | 13 - 32 | 86.4 - 183.4 |
| APMX mm | 2 | 1.2 - 2 | 0.85 - 1.2 | 2.80 |
| Wisselplaat |  |  |  |  |
| Plaatgrootte | 14 | 09 & 14 | 05 & 07 | 21 |
| Koppelingen | Coromant Capto®<br>Cilindrische schacht<br>Doorn | Coromant Capto®<br>Cilindrische schacht<br>Doorn<br>Draadkoppeling<br>Weldon | Cilindrische schacht<br>Coromant EH<br>Draadkoppeling | Coromant Capto®<br>Doorn |
| Inwendige koelvloeistof | ✓ | ✓ | ✓ | ✓ |
| Opties | | | iLock | |
| Overige bewerkingen |  |  |  |  |

# CoroMill® 419

## Hoge voedingsfrees

### Toepassing

- Vlakfrezen met hoge voeding
- Profielfrezen
- Infrezen
- Helicoidaal frezen
- Bewerken van componenten waarbij lange uitsteeklengtes nodig zijn
- Geschikt voor minder krachtige machines en minder stabiele opspanningsinrichtingen
- Voorfrezen tot semi-nafrezen



### ISO toepassingsgebied:

P M K N S H

### Voordelen en kenmerken

- Hoge productiviteit in toepassingen waar een licht snijdende werking is vereist
- Lange standtijd, met name in moeilijk te bewerken materialen
- Sterke en robuuste wisselplaten voor betrouwbare bewerking
- Laag energieverbruik
- Interne koeling op alle frezen maakt nat bewerken mogelijk evenals koelen met perslucht
- Verminderde axiale krachten met een instelhoek van 19° en een positieve axiale hellingshoek

www.sandvik.coromant.com/coromill419

### Koppelingen

- Coromant Capto®
- Doorn
- Cilindrische schacht

### Wisselplaten

- Vijf snijkanten
- Wisselplaten met parallelle geleiderand voor het vlakfrezen met hoge voeding en radiuswisselplaten voor pocketfrezen
- Uitgebreid programma van hardmetaalsoorten en geometrieën

L



Wijdvertand

M



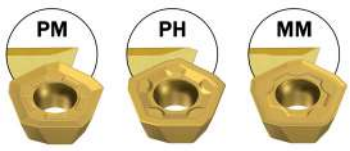
Dichtvertand

H



Extra dichtvertand

Vlakfrezen




Vlakfrezen en profielfrezen






I29



I31




N6



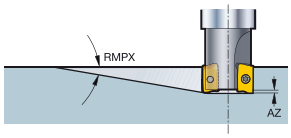
SANDVIK Coromant

# CoroMill® 419 vlak-en profielfrees

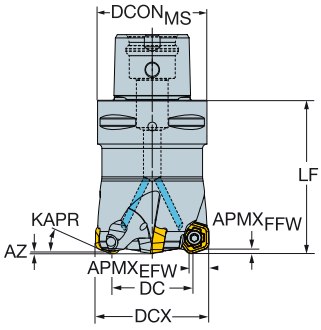
**Coromant Capto® - inwendige koelmiddeltoevoer**

**Hoge voedingsfrees**






KAPR 19°

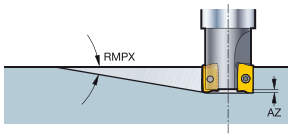


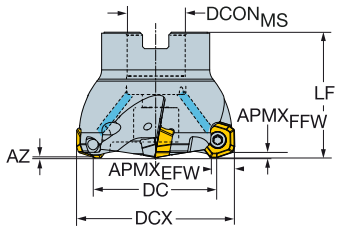

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21.4 | 14 | C3 | 8.0 | 2.00 | 9° | 2.0 | 3 | 2 | | 419-036C3-14L | 32.0 | 36.0 | 50.0 | 5.0 | 0.36 | 22400 | 2 | 419R-1405 |
| 27.4 | 14 | C4 | 8.0 | 2.00 | 8° | 2.0 | 3 | | 3 | 419-042C4-14M | 40.0 | 42.0 | 70.0 | 5.0 | 0.62 | 19900 | 3 | 419R-1405 |
| 37.4 | 14 | C5 | 8.0 | 2.00 | 8° | 2.0 | 3 | | 4 | 419-052C5-14M | 50.0 | 52.0 | 70.0 | 5.0 | 1.08 | 17100 | 4 | 419R-1405 |
| 51.3 | 14 | C6 | 8.0 | 2.00 | 6° | 2.0 | 3 | | 5 | 419-066C6-14M | 63.0 | 66.0 | 70.0 | 5.0 | 1.73 | 14600 | 5 | 419R-1405 |
| 69.3 | 14 | C8 | 8.0 | 2.00 | 5° | 2.0 | 3 | 6 | | 419-084C8-14H | 80.0 | 84.0 | 70.0 | 5.0 | 3.02 | 12600 | 6 | 419R-1405 |

**Doornbevestiging - inwendige koelvloeistoftoevoer**

STDNO ISO 6462
KAPR 19°






| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.4 | 14 | 16 | 8.0 | 2.00 | 8° | 2.0 | 1 | | 3 | 419-044Q16-14M | 16.0 | A | 44.0 | 45.0 | 5.0 | 0.37 | 19300 | 3 | 419R-1405 |
| 35.4 | 14 | 22 | 8.0 | 2.00 | 8° | 2.0 | 1 | | 4 | 419-050Q22-14M | 22.0 | A | 50.0 | 45.0 | 5.0 | 0.43 | 17600 | 4 | 419R-1405 |
| 37.4 | 14 | 22 | 8.0 | 2.00 | 8° | 2.0 | 1 | 5 | | 419-052Q22-14H | 22.0 | A | 52.0 | 45.0 | 5.0 | 0.50 | 17100 | 5 | 419R-1405 |
| 39.4 | 14 | 22 | 8.0 | 2.00 | 8° | 2.0 | 1 | | 4 | 419-054Q22-14M | 22.0 | A | 54.0 | 45.0 | 5.0 | 0.47 | 16800 | 4 | 419R-1405 |
| | 14 | 22 | 8.0 | 2.00 | 8° | 2.0 | 1 | 5 | | 419-054Q22-14H | 22.0 | A | 54.0 | 45.0 | 5.0 | 0.47 | 16800 | 5 | 419R-1405 |
| 48.3 | 14 | 22 | 8.0 | 2.00 | 7° | 2.0 | 1 | | 4 | 419-063Q22-14L | 22.0 | A | 63.0 | 50.0 | 5.0 | 0.63 | 15100 | 4 | 419R-1405 |
| | 14 | 22 | 8.0 | 2.00 | 7° | 2.0 | 1 | | 5 | 419-063Q22-14M | 22.0 | A | 63.0 | 50.0 | 5.0 | 0.58 | 15100 | 5 | 419R-1405 |
| 51.3 | 14 | 22 | 8.0 | 2.00 | 6° | 2.0 | 1 | | 5 | 419-066Q22-14M | 22.0 | A | 66.0 | 50.0 | 5.0 | 0.66 | 14600 | 5 | 419R-1405 |
| | 14 | 22 | 8.0 | 2.00 | 6° | 2.0 | 1 | 6 | | 419-066Q22-14H | 22.0 | A | 66.0 | 50.0 | 5.0 | 0.65 | 14600 | 6 | 419R-1405 |
| 65.3 | 14 | 27 | 8.0 | 2.00 | 5° | 2.0 | 1 | | 5 | 419-080Q27-14M | 27.0 | A | 80.0 | 50.0 | 5.0 | 1.07 | 13000 | 5 | 419R-1405 |
| | 14 | 27 | 8.0 | 2.00 | 5° | 2.0 | 1 | 6 | | 419-080Q27-14H | 27.0 | A | 80.0 | 50.0 | 5.0 | 1.06 | 13000 | 6 | 419R-1405 |
| 69.3 | 14 | 27 | 8.0 | 2.00 | 5° | 2.0 | 1 | | 6 | 419-084Q27-14M | 27.0 | A | 84.0 | 50.0 | 5.0 | 1.12 | 12600 | 6 | 419R-1405 |
| | 14 | 27 | 8.0 | 2.00 | 5° | 2.0 | 1 | 7 | | 419-084Q27-14H | 27.0 | A | 84.0 | 50.0 | 5.0 | 1.15 | 12600 | 7 | 419R-1405 |
| 85.3 | 14 | 32 | 8.0 | 2.00 | 0° | 2.0 | 1 | | 6 | 419-100Q32-14M | 32.0 | B | 100.0 | 50.0 | 5.0 | 1.68 | 11400 | 6 | 419R-1405 |
| | 14 | 32 | 8.0 | 2.00 | 0° | 2.0 | 1 | 7 | | 419-100Q32-14H | 32.0 | B | 100.0 | 50.0 | 5.0 | 1.69 | 11400 | 7 | 419R-1405 |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-78 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

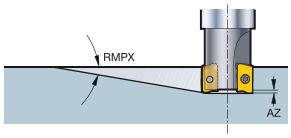
I31 L2 M1 N23 N6 N9 N15

# CoroMill® 419 vlak-en profielfrees

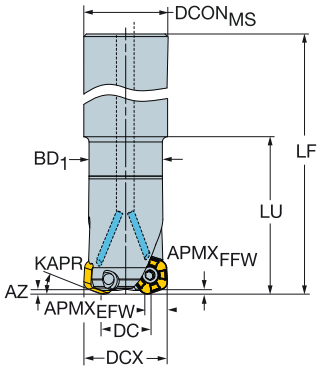
**Cilindrische schacht - interne koelmiddeltoevoer**

**Hoge voedingsfrees**






KAPR 19°




| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCX | BD | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.4 | 14 | 32 | 8.0 | 2.00 | 10° | 2.0 | 1 | 2 | | **419-032A32L-14L** | 32.0 | 32.0 | 28.0 | 57.0 | 250.0 | 60.0 | 5.0 | 1.40 | 24700 | 2 | 419R-1405 |
| 25.4 | 14 | 32 | 8.0 | 2.00 | 8° | 2.0 | 1 | | 3 | **419-040A32L-14M** | 32.0 | 40.0 | 28.0 | | 250.0 | | 5.0 | 1.50 | 20600 | 3 | 419R-1405 |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-78 |

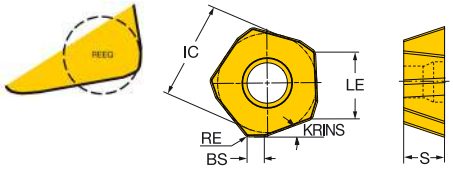
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I31 L2 N23 N6 N9 N15

# CoroMill® 419 freeswisselplaat



KRINS 19°




| | | | RE | Bestelnummer | P | | | | M | | | K | | | N | S | | | H | | Afmetingen, mm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4330 | 4340 | 1040 | 1130 | 2040 | 1020 | 3040 | 3330 | 1130 | 1130 | S30T | S40T | 1010 | 1130 | IC | LE | S | BS | REEQ |
| Middelmatig | MM | 14 | 0.80 | 419R-1405E-MM | ★ | | ★ | | ★ | ☆ | ☆ | | | | ☆ | ☆ | ★ | ☆ | ★ | ☆ | 13.5 | 9.0 | 5.47 | 2.0 | 4.50 |
| | PM | 14 | 0.80 | 419R-1405M-PM | ★ | ☆ | ★ | ☆ | ★ | ☆ | ☆ | ★ | | ★ | ☆ | ☆ | ★ | ☆ | | ☆ | 13.5 | 9.0 | 5.47 | 2.0 | 4.50 |
| | SM | 14 | 3.00 | 419N-140530E-SM | ★ | | ★ | ☆ | ★ | ☆ | ☆ | | | | ☆ | ☆ | ★ | ☆ | | ☆ | 13.5 | 9.0 | 5.47 | | 4.50 |
| Zwaar | KH | 14 | 3.00 | 419N-140530M-KH | | ☆ | ★ | | | | | ☆ | ★ | ★ | | | | | | | 13.5 | 9.0 | 5.47 | | 4.50 |
| | PH | 14 | 0.80 | 419R-1405M-PH | | | ☆ | ★ | | | | | | ★ | | | | | ★ | | 13.5 | 9.0 | 5.47 | 2.0 | 4.50 |

I29 I154 I175 N23 N10

# CoroMill® 210

## Hoge voedings vlak- en plungefrezen

### Toepassing

- Vlakfrezen met hoge voeding
- Axiaal frezen
- Infrezen
- Voorfrezen tot semi-nafrezen
- Helicoidaal frezen
- Profielfrezen

### ISO toepassingsgebied:

P M K N S H



### Voordelen en kenmerken

- Hoge tafelvoeding dankzij spaan"verdunningseffect" – hoge productiviteit
- Eerste keuze vlakfrees bij het bewerken met lange uitsteeklengtes
- Multifunctioneel gereedschap. Vlakfrezen, kottermogelijkheden, infrezen en plungefrezen
- Inwendig koelmiddel

www.sandvik.coromant.com/coromill210

### Koppelingen

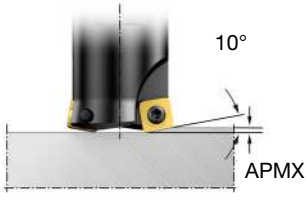
- Coromant Capto®
- Doorn
- Cilindrische schacht
- Draadkoppeling

### Wisselplaten

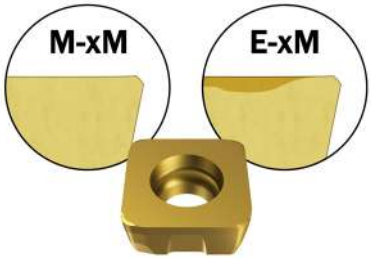
- Vier snijkanten
- Wisselplaatgeometrieën en hardmetaalsoorten voor alle materialen, behalve ISO N
- E-xM geometrie voor uitstekende prestaties in titanium




Dichtvertand Extra dichtvertand




De 10° instelhoek maakt extreme voedingen mogelijk bij het vlakfrezen.




Aanbevolen voeding per tand (fz) 1,5 mm voor wisselplaatgrootte 09 en 2 mm per tand (fz) voor wisselplaatgrootte 14.

 I33

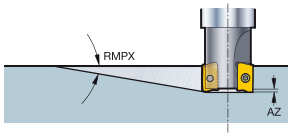
 I36

# CoroMill® 210 vlakfrees

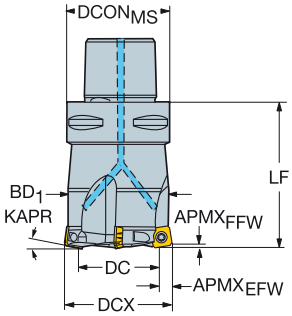
**Coromant Capto® - inwendige koelmiddeltoevoer**

**Hoge voedingsfrees**






KAPR 10°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21.9 | 09 | C3 | 8.0 | 1.20 | 7° | 1.8 | 3 | 2 | | R210-036C3-09M | 32.0 | 36.0 | 33.0 | 50.0 | 3.0 | 0.44 | 30900 | 2 | R210-090412M- |
| | 09 | C3 | 8.0 | 1.20 | 7° | 1.8 | 3 | 3 | | R210-036C3-09H | 32.0 | 36.0 | 33.0 | 50.0 | 3.0 | 0.37 | 30900 | 3 | R210-090412M- |
| 27.9 | 09 | C4 | 8.0 | 1.20 | 5° | 1.8 | 3 | | 3 | R210-042C4-09M | 40.0 | 42.0 | 39.0 | 60.0 | 3.0 | 0.79 | 27600 | 3 | R210-090412M- |
| | 09 | C4 | 8.0 | 1.20 | 5° | 1.8 | 3 | 4 | | R210-042C4-09H | 40.0 | 42.0 | 39.0 | 60.0 | 3.0 | 0.60 | 27600 | 4 | R210-090412M- |
| 28.0 | 14 | C5 | 13.0 | 2.00 | 5° | 2.0 | 3 | | 3 | R210-052C5-14M | 50.0 | 52.0 | 47.7 | 70.0 | 5.0 | 1.21 | 20800 | 3 | R210-140512M- |
| | 14 | C5 | 13.0 | 2.00 | 3° | 2.0 | 3 | 4 | | R210-052C5-14H | 50.0 | 52.0 | 47.7 | 70.0 | 5.0 | 1.21 | 20800 | 4 | R210-140512M- |
| 30.0 | 14 | C5 | 13.0 | 2.00 | 5° | 2.0 | 3 | 4 | | R210-054C5-14H | 50.0 | 54.0 | 49.7 | 70.0 | 5.0 | 1.35 | 23600 | 4 | R210-140512M- |
| 37.9 | 09 | C5 | 8.0 | 1.20 | 3° | 1.8 | 3 | | 4 | R210-052C5-09M | 50.0 | 52.0 | 49.0 | 70.0 | 3.0 | 1.26 | 24000 | 4 | R210-090412M- |
| | 09 | C5 | 8.0 | 1.20 | 3° | 1.8 | 3 | 5 | | R210-052C5-09H | 50.0 | 52.0 | 49.0 | 70.0 | 3.0 | 1.20 | 24000 | 5 | R210-090412M- |
| 39.9 | 09 | C5 | 8.0 | 1.20 | 3° | 1.8 | 3 | 5 | | R210-054C5-09H | 50.0 | 54.0 | 51.0 | 70.0 | 3.0 | 1.15 | 23600 | 5 | R210-090412M- |
| 42.0 | 14 | C6 | 13.0 | 2.00 | 3° | 2.0 | 3 | | 4 | R210-066C6-14M | 63.0 | 66.0 | 61.7 | 72.0 | 5.0 | 2.02 | 17700 | 4 | R210-140512M- |
| | 14 | C6 | 13.0 | 2.00 | 3° | 2.0 | 3 | 5 | | R210-066C6-14H | 63.0 | 66.0 | 61.7 | 72.0 | 5.0 | 2.03 | 17700 | 5 | R210-140512M- |
| 51.9 | 09 | C6 | 8.0 | 1.20 | 2° | 1.8 | 3 | | 6 | R210-066C6-09M | 63.0 | 66.0 | 63.0 | 72.0 | 3.0 | 2.05 | 21300 | 6 | R210-090412M- |
| 58.0 | 14 | C8 | 13.0 | 2.00 | 2° | 2.0 | 3 | | 5 | R210-082C8-14M | 80.0 | 82.0 | 77.7 | 80.0 | 5.0 | 3.50 | 15100 | 5 | R210-140512M- |
| | 14 | C8 | 13.0 | 2.00 | 2° | 2.0 | 3 | 6 | | R210-082C8-14H | 80.0 | 82.0 | 77.7 | 80.0 | 5.0 | 3.46 | 15100 | 6 | R210-140512M- |
| 62.0 | 14 | C8 | 13.0 | 2.00 | 2° | 2.0 | 3 | 6 | | R210-086C8-14H | 80.0 | 86.0 | 81.7 | 80.0 | 5.0 | 3.67 | 14700 | 6 | R210-140512M- |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 09 | 5513 020-02 |
| 14 | 5513 020-50 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I36 L2 N23 N9 N15

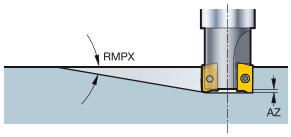
# CoroMill® 210 vlakfrees

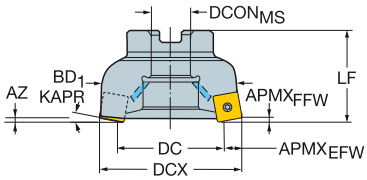
**Doornbevestiging - inwendige koelvloeistoftoevoer**

**Hoge voedingsfrees**

STDNO ISO6462
KAPR 10°






| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DCX | BD | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35.9 | 09 | 22 | 8.0 | 1.20 | 3° | 1.8 | 1 | | 4 | R210-050Q22-09M | 22.0 | A | 50.0 | 47.0 | 50.0 | 3.0 | 0.43 | 24500 | 4 | R210-090412M- |
| | 09 | 22 | 8.0 | 1.20 | 3° | 1.8 | 1 | 5 | | R210-050Q22-09H | 22.0 | A | 50.0 | 47.0 | 50.0 | 3.0 | 0.63 | 24500 | 5 | R210-090412M- |
| 39.0 | 14 | 22 | 13.0 | 2.00 | 3° | 2.0 | 1 | | 4 | R210-063Q22-14M | 22.0 | A | 63.0 | 58.7 | 50.0 | 5.0 | 0.76 | 18300 | 4 | R210-140512M- |
| | 14 | 27 | 13.0 | 2.00 | 3° | 2.0 | 1 | | 4 | R210-063Q27-14M | 27.0 | A | 63.0 | 58.7 | 50.0 | 5.0 | 0.81 | 18300 | 4 | R210-140512M- |
| | 14 | 22 | 13.0 | 2.00 | 3° | 2.0 | 1 | 5 | | R210-063Q22-14H | 22.0 | A | 63.0 | 58.7 | 50.0 | 5.0 | 0.50 | 18300 | 5 | R210-140512M- |
| 48.9 | 09 | 22 | 8.0 | 1.20 | 2° | 1.8 | 1 | | 5 | R210-063Q22-09M | 22.0 | A | 63.0 | 60.0 | 50.0 | 3.0 | 0.85 | 21800 | 5 | R210-090412M- |
| | 09 | 27 | 8.0 | 1.20 | 2° | 1.8 | 1 | | 5 | R210-063Q27-09M | 27.0 | A | 63.0 | 60.0 | 50.0 | 3.0 | 1.05 | 21800 | 5 | R210-090412M- |
| | 09 | 22 | 8.0 | 1.20 | 2° | 1.8 | 1 | 6 | | R210-063Q22-09H | 22.0 | A | 63.0 | 60.0 | 50.0 | 3.0 | 0.81 | 21800 | 6 | R210-090412M- |
| 56.0 | 14 | 27 | 13.0 | 2.00 | 2° | 2.0 | 1 | | 5 | R210-080Q27-14M | 27.0 | A | 80.0 | 75.7 | 50.0 | 5.0 | 1.10 | 15400 | 5 | R210-140512M- |
| | 14 | 27 | 13.0 | 2.00 | 2° | 2.0 | 1 | 6 | | R210-080Q27-14H | 27.0 | A | 80.0 | 75.7 | 50.0 | 5.0 | 1.20 | 15400 | 6 | R210-140512M- |
| 76.0 | 14 | 32 | 13.0 | 2.00 | 1° | 2.0 | 1 | | 6 | R210-100Q32-14M | 32.0 | B | 100.0 | 95.7 | 50.0 | 5.0 | 1.85 | 13400 | 6 | R210-140512M- |
| | 14 | 32 | 13.0 | 2.00 | 1° | 2.0 | 1 | 7 | | R210-100Q32-14H | 32.0 | B | 100.0 | 95.7 | 50.0 | 5.0 | 1.92 | 13400 | 7 | R210-140512M- |
| 101.0 | 14 | 40 | 13.0 | 2.00 | 1° | 2.0 | 1 | | 7 | R210-125Q40-14M | 40.0 | B | 125.0 | 120.7 | 63.0 | 5.0 | 3.83 | 11400 | 7 | R210-140512M- |
| 136.0 | 14 | 40 | 13.0 | 2.00 | 1° | 2.0 | 1 | | 8 | R210-160Q40-14M | 40.0 | B | 160.0 | 155.7 | 63.0 | 5.0 | 5.78 | 10400 | 8 | R210-140512M- |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 09 | 5513 020-02 |
| 14 | 5513 020-50 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I36 L2 M1 N23 N9 N15



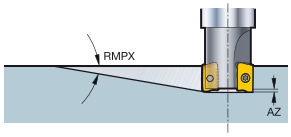
SANDVIK Coromant

# CoroMill® 210 vlakfrees

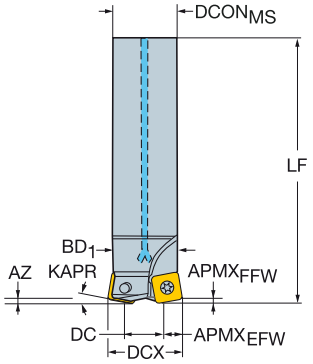
**Cilindrische schacht - interne koelmiddeltoevoer**

**Hoge voedingsfrees**






KAPR 10°

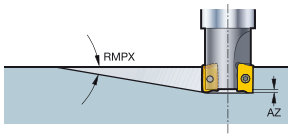


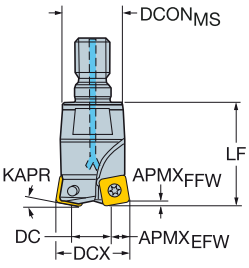

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.9 | 09 | 20 | 8.0 | 1.20 | 14° | 1.8 | 1 | 2 | | R210-025A20-09M | 20.0 | 25.0 | 22.0 | 35.0 | 180.0 | 3.0 | 0.54 | 17200 | 2 | R210-090412M- |
| 17.9 | 09 | 25 | 8.0 | 1.20 | 8° | 1.8 | 1 | 2 | | R210-032A25-09M | 25.0 | 32.0 | 29.0 | 45.0 | 210.0 | 3.0 | 0.88 | 11000 | 2 | R210-090412M- |
| | 09 | 25 | 8.0 | 1.20 | 8° | 1.8 | 1 | 3 | | R210-032A25-09H | 25.0 | 32.0 | 29.0 | 45.0 | 210.0 | 3.0 | 0.50 | 11000 | 3 | R210-090412M- |
| 20.9 | 09 | 32 | 8.0 | 1.20 | 7° | 1.8 | 1 | 3 | | R210-035A32-09H | 32.0 | 35.0 | 32.0 | 45.0 | 210.0 | 3.0 | 1.30 | 11000 | 3 | R210-090412M- |
| 27.9 | 09 | 32 | 8.0 | 1.20 | 5° | 1.8 | 1 | | 3 | R210-042A32-09M | 32.0 | 42.0 | 39.0 | 50.0 | 250.0 | 3.0 | 1.83 | 8000 | 3 | R210-090412M- |
| | 09 | 32 | 8.0 | 1.20 | 5° | 1.8 | 1 | 4 | | R210-042A32-09H | 32.0 | 42.0 | 39.0 | 50.0 | 250.0 | 3.0 | 1.77 | 8000 | 4 | R210-090412M- |

**Schroefdraadkoppeling - interne koelmiddeltoevoer**

KAPR 10°





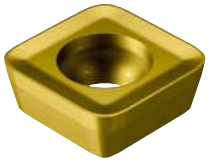

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.9 | 09 | M12 | 8.0 | 1.20 | 14° | 1.8 | 1 | 2 | R210-025T12-09M | 20.8 | 25.0 | 22.0 | 35.0 | 3.0 | 0.24 | 15000 | 2 | R210-090412M- |
| 17.9 | 09 | M16 | 8.0 | 1.20 | 8° | 1.8 | 1 | 2 | R210-032T16-09M | 28.8 | 32.0 | 29.0 | 45.0 | 3.0 | 0.36 | 15000 | 2 | R210-090412M- |
| 20.9 | 09 | M16 | 8.0 | 1.20 | 7° | 1.8 | 1 | 3 | R210-035T16-09H | 28.8 | 35.0 | 32.0 | 50.0 | 3.0 | 0.37 | 15000 | 3 | R210-090412M- |
| 27.9 | 09 | M16 | 8.0 | 1.20 | 5° | 1.8 | 1 | 4 | R210-042T16-09H | 28.8 | 42.0 | 39.0 | 50.0 | 3.0 | 0.44 | 15000 | 4 | R210-090412M- |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-02 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I36 L2 N23 N9 N15

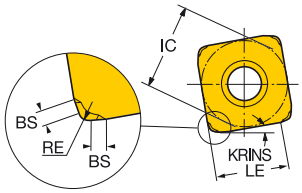
# CoroMill® 210 freeswisselplaat

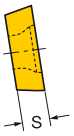


KRINS

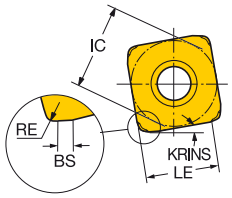


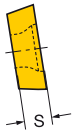
10°
R210..E-KM




10°
R210..M-PM




| | | | | | P | | | | M | | | K | | | N | S | | | H | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | RE | Bestelnummer | 1130 | 4220 | 4330 | 4340 | 1040 | 1130 | 2040 | 1020 | 3040 | 3330 | 1130 | 1130 | S30T | S40T | 1010 | 1130 | IC | LE | S | BS | BSR | REEQ |
| Middelmatig | KM | 09 | 1.00 | R210-09 04 12M-KM | | | | | | | | ☆ | ☆ | ★ | | | | | | | 9.4 | 6.2 | 4.00 | 0.8 | | 2.50 |
| | | | 1.40 | R210-09 04 14E-KM | | | | | | | | ☆ | ☆ | ★ | | | | | | | 9.5 | 5.7 | 4.50 | 0.7 | 50.0 | 2.50 |
| | | 14 | 1.00 | R210-14 05 12M-KM | | | | | | | | ☆ | ☆ | ★ | | | | | | | 14.5 | 11.3 | 4.76 | 0.8 | | 3.50 |
| | | | 1.40 | R210-14 05 14E-KM | | | | | | | | ☆ | ☆ | ★ | | | | | | | 14.6 | 10.8 | 5.26 | 0.7 | 50.0 | 3.50 |
| | MM | 09 | 1.00 | R210-09 04 12M-MM | | | | | ★ | | ☆ | | | | | | | | | | 9.4 | 6.2 | 4.00 | 0.8 | | 2.50 |
| | | | 1.40 | R210-09 04 14E-MM | | | | | ★ | | ☆ | | | | | | | | | | 9.5 | 5.7 | 4.50 | 0.7 | 50.0 | 2.50 |
| | | 14 | 1.00 | R210-14 05 12M-MM | | | | | ★ | | ☆ | | | | | | | | | | 14.5 | 11.3 | 4.76 | 0.8 | | 3.50 |
| | | | 1.40 | R210-14 05 14E-MM | | | | | ★ | | ☆ | | | | | | | | | | 14.6 | 10.8 | 5.26 | 0.7 | 50.0 | 3.50 |
| | PM | 09 | 1.00 | R210-09 04 12M-PM | ★ | ☆ | ★ | ☆ | | ☆ | | | | | ☆ | ☆ | ★ | ☆ | ★ | ☆ | 9.4 | 6.2 | 4.00 | 0.8 | | 2.50 |
| | | | 1.40 | R210-09 04 14E-PM | ★ | ☆ | ★ | ☆ | | ☆ | | | | | | ☆ | ★ | ☆ | | | 9.5 | 5.7 | 4.50 | 0.7 | 50.0 | 2.50 |
| | | 14 | 1.00 | R210-14 05 12M-PM | ★ | ☆ | ★ | ☆ | | ☆ | | | | | ☆ | ☆ | ★ | ☆ | ★ | ☆ | 14.5 | 11.3 | 4.76 | 0.8 | | 3.50 |
| | | | 1.40 | R210-14 05 14E-PM | ★ | ☆ | ★ | ☆ | | ☆ | | | | | ☆ | ☆ | ★ | ☆ | ★ | ☆ | 14.6 | 10.8 | 5.26 | 0.7 | 50.0 | 3.50 |

I33 I154 I175 N23 N10



SANDVIK Coromant

# CoroMill® 415

## Hoge voedingsvlakfrees met kleine diameter

### Toepassing

- Vlakfrezen met hoge voeding
- Axiaal frezen
- Infrezen
- Voorfrezen tot semi-nafrezen
- Helicoidaal frezen
- Profielfrezen



### ISO toepassingsgebied:

P M S H

### Voordelen en kenmerken

- Veelzijdig gereedschap dat geschikt is voor een breed scala aan toepassingen
- Koelmiddelkanalen voor geoptimaliseerde spaanverwijdering
- Kan worden gecombineerd met de Coromant EH-koppeling en Silent Tools™ gedempte adapters voor trillingvrij bewerken, een grote betrouwbaarheid en een aanzienlijke productiviteitsstijging
- Unieke iLock™-koppeling voor wisselplaatzitting die het aantal afgekeurde werkstukken kleiner maakt. De iLock™-wisselplaatzitting maakt ook de kleine wisselplaten goed hanteerbaar.
- Tailor Made opties leverbaar

www.sandvik.coromant.com/coromill415

### Koppelingen

- Cilindrische schacht
- Coromant EH
- Draadkoppeling

### Wisselplaten

- Vier snijkanten
- Het unieke iLock™-systeem zorgt voor een makkelijke en accurate wisselplaatindexering, grotere betrouwbaarheid en een aanzienlijk langere standtijd

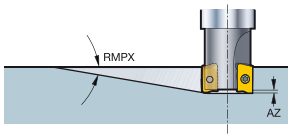
I38 I41

# CoroMill® 415 vlakfrees

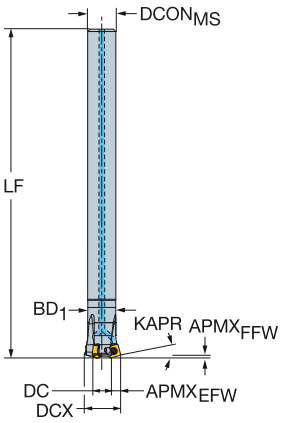
**Cilindrische schacht - interne koelmiddeltoevoer**

**Hoge voedingsfrees**






KAPR 15°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.6 | 05 | 12 | 3.0 | 0.85 | 0.85° | 1 | 2 | **415-013A12-05H** | 12.0 | 13.0 | 11.0 | 15.0 | 140.0 | 0.6 | 0.16 | 23600 | 2 | 415N-050206M |
| 7.6 | 05 | 12 | 3.0 | 0.85 | 0.97° | 1 | 3 | **415-016A12-05H** | 12.0 | 16.0 | 12.0 | 15.0 | 140.0 | 0.6 | 0.16 | 21300 | 3 | 415N-050206M |
| 11.6 | 05 | 16 | 3.0 | 0.85 | 0.62° | 1 | 3 | **415-020A16-05L** | 16.0 | 20.0 | 16.0 | 15.0 | 200.0 | 0.6 | 0.37 | 19000 | 3 | 415N-050206M |
| | 05 | 16 | 3.0 | 0.85 | 0.62° | 1 | 4 | **415-020A16-05M** | 16.0 | 20.0 | 16.0 | 15.0 | 200.0 | 0.6 | 0.33 | 19000 | 4 | 415N-050206M |
| | 05 | 16 | 3.0 | 0.85 | 0.62° | 1 | 5 | **415-020A16-05H** | 16.0 | 20.0 | 16.0 | 15.0 | 200.0 | 0.6 | 0.27 | 19000 | 5 | 415N-050206M |
| 13.5 | 07 | 20 | 4.5 | 1.20 | 0.61° | 1 | 4 | **415-025A20-07H** | 20.0 | 25.0 | 19.0 | 15.0 | 200.0 | 1.2 | 0.50 | 15700 | 4 | 415N-070310M |
| 16.6 | 05 | 20 | 3.0 | 0.85 | 0.64° | 1 | 5 | **415-025A20-05M** | 20.0 | 25.0 | 21.0 | 15.0 | 200.0 | 0.6 | 0.50 | 17000 | 5 | 415N-050206M |
| 20.5 | 07 | 25 | 4.5 | 1.20 | 0.63° | 1 | 5 | **415-032A25-07H** | 25.0 | 32.0 | 26.0 | 15.0 | 250.0 | 1.2 | 0.95 | 13900 | 5 | 415N-070310M |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 05 | 5513 020-28 |
| 07 | 5513 020-56 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

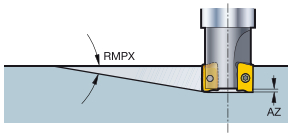
I41 L2 N23 N9 N15

# CoroMill® 415 vlakfrees

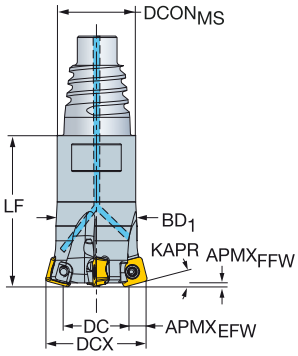
**Coromant EH - interne koelmiddeltoevoer**

**Hoge voedingsfrees**






KAPR 15°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.6 | 05 | E12 | 3.0 | 0.85 | 0.85° | 1 | 2 | **415-13EH12-05H** | 11.7 | 13.0 | 11.0 | 10.0 | 25.0 | 0.6 | 0.14 | 23600 | 2 | 415N-050206M |
| 7.6 | 05 | E16 | 3.0 | 0.85 | 0.97° | 1 | 3 | **415-16EH16-05H** | 15.5 | 16.0 | 12.0 | 12.0 | 30.0 | 0.6 | 0.06 | 21300 | 3 | 415N-050206M |
| 8.6 | 07 | E16 | 4.5 | 1.20 | 0.56° | 1 | 2 | **415-20EH16-07H** | 15.5 | 20.0 | 14.0 | 12.0 | 35.0 | 1.2 | 0.17 | 17500 | 2 | 415N-070310M |
| | 07 | E20 | 4.5 | 1.20 | 0.56° | 1 | 2 | **415-20EH20-07H** | 19.3 | 20.0 | 14.0 | 15.0 | 35.0 | 1.2 | 0.13 | 17500 | 2 | 415N-070310M |
| 11.6 | 05 | E16 | 3.0 | 0.85 | 0.62° | 1 | 4 | **415-20EH16-05M** | 15.5 | 20.0 | 16.0 | 12.0 | 30.0 | 0.6 | 0.05 | 19000 | 4 | 415N-050206M |
| | 05 | E20 | 3.0 | 0.85 | 0.62° | 1 | 4 | **415-20EH20-05M** | 19.3 | 20.0 | 16.0 | 13.0 | 32.0 | 0.6 | 0.07 | 19000 | 4 | 415N-050206M |
| | 05 | E16 | 3.0 | 0.85 | 0.62° | 1 | 5 | **415-20EH16-05H** | 15.5 | 20.0 | 16.0 | 12.0 | 30.0 | 0.6 | 0.16 | 19000 | 5 | 415N-050206M |
| | 05 | E20 | 3.0 | 0.85 | 0.62° | 1 | 5 | **415-20EH20-05H** | 19.3 | 20.0 | 16.0 | 13.0 | 32.0 | 0.6 | 0.19 | 19000 | 5 | 415N-050206M |
| 13.5 | 07 | E20 | 4.5 | 1.20 | 0.61° | 1 | 3 | **415-25EH20-07M** | 19.3 | 25.0 | 19.0 | 15.0 | 35.0 | 1.2 | 0.08 | 15700 | 3 | 415N-070310M |
| | 07 | E25 | 4.5 | 1.20 | 0.61° | 1 | 3 | **415-25EH25-07M** | 24.2 | 25.0 | 19.0 | 18.0 | 40.0 | 1.2 | 0.12 | 15700 | 3 | 415N-070310M |
| | 07 | E20 | 4.5 | 1.20 | 0.61° | 1 | 4 | **415-25EH20-07H** | 19.3 | 25.0 | 19.0 | 15.0 | 35.0 | 1.2 | 0.20 | 15700 | 4 | 415N-070310M |
| | 07 | E25 | 4.5 | 1.20 | 0.61° | 1 | 4 | **415-25EH25-07H** | 24.2 | 25.0 | 19.0 | 18.0 | 40.0 | 1.2 | 0.18 | 15700 | 4 | 415N-070310M |
| 16.6 | 05 | E20 | 3.0 | 0.85 | 0.64° | 1 | 5 | **415-25EH20-05M** | 19.3 | 25.0 | 21.0 | 13.0 | 32.0 | 0.6 | 0.08 | 17000 | 5 | 415N-050206M |
| | 05 | E25 | 3.0 | 0.85 | 0.64° | 1 | 5 | **415-25EH25-05M** | 24.2 | 25.0 | 21.0 | 15.0 | 35.0 | 0.6 | 0.12 | 17000 | 5 | 415N-050206M |
| | 05 | E20 | 3.0 | 0.85 | 0.64° | 1 | 6 | **415-25EH20-05H** | 19.3 | 25.0 | 21.0 | 13.0 | 32.0 | 0.6 | 0.20 | 17000 | 6 | 415N-050206M |
| | 05 | E25 | 3.0 | 0.85 | 0.64° | 1 | 6 | **415-25EH25-05H** | 24.2 | 25.0 | 21.0 | 15.0 | 35.0 | 0.6 | 0.24 | 17000 | 6 | 415N-050206M |
| 20.5 | 07 | E25 | 4.5 | 1.20 | 0.63° | 1 | 4 | **415-32EH25-07M** | 24.2 | 32.0 | 26.0 | 18.0 | 40.0 | 1.2 | 0.19 | 13900 | 4 | 415N-070310M |
| | 07 | E25 | 4.5 | 1.20 | 0.63° | 1 | 5 | **415-32EH25-07H** | 24.2 | 32.0 | 26.0 | 18.0 | 40.0 | 1.2 | 0.16 | 13900 | 5 | 415N-070310M |
| 23.6 | 05 | E25 | 3.0 | 0.85 | 0.65° | 1 | 7 | **415-32EH25-05H** | 24.2 | 32.0 | 28.0 | 15.0 | 35.0 | 0.6 | 0.16 | 15000 | 7 | 415N-050206M |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 05 | 5513 020-28 |
| 07 | 5513 020-56 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

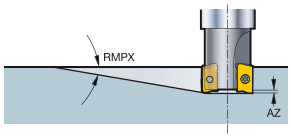
I41 L2 N23 N9 N15 N3

# CoroMill® 415 vlakfrees

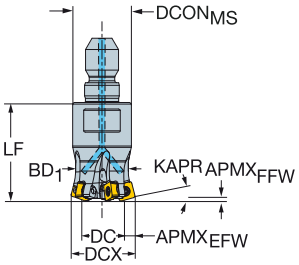
**Schroefdraadkoppeling - interne koelmiddeltoevoer**

**Hoge voedingsfrees**






KAPR 15°



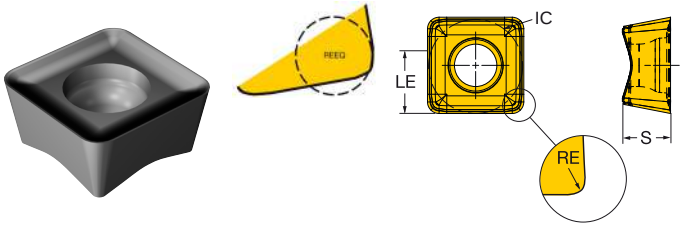

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.6 | 05 | M8 | 3.0 | 0.85 | 0.85° | 1 | 2 | **415-13T08-05H** | 12.8 | 13.0 | 11.0 | 10.0 | 25.0 | 0.6 | 0.02 | 23600 | 2 | 415N-050206M |
| 7.6 | 05 | M8 | 3.0 | 0.85 | 0.97° | 1 | 3 | **415-16T08-05H** | 12.8 | 16.0 | 12.0 | 10.0 | 25.0 | 0.6 | 0.03 | 21300 | 3 | 415N-050206M |
| 11.6 | 05 | M10 | 3.0 | 0.85 | 0.62° | 1 | 5 | **415-20T10-05H** | 17.8 | 20.0 | 16.0 | 12.0 | 30.0 | 0.6 | 0.05 | 19000 | 5 | 415N-050206M |
| 13.5 | 07 | M12 | 4.5 | 1.20 | 0.61° | 1 | 4 | **415-25T12-07H** | 20.8 | 25.0 | 19.0 | 15.0 | 38.0 | 1.2 | 0.09 | 15700 | 4 | 415N-070310M |
| 16.6 | 05 | M12 | 3.0 | 0.85 | 0.64° | 1 | 6 | **415-25T12-05H** | 20.8 | 25.0 | 21.0 | 15.0 | 35.0 | 0.6 | 0.10 | 17000 | 6 | 415N-050206M |
| 20.5 | 07 | M16 | 4.5 | 1.20 | 0.63° | 1 | 5 | **415-32T16-07H** | 28.8 | 32.0 | 26.0 | 15.0 | 40.0 | 1.2 | 0.19 | 13900 | 5 | 415N-070310M |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 05 | 5513 020-28 |
| 07 | 5513 020-56 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I41 N23 N9 N15

# CoroMill® 415 freeswisselplaat




| | | | RE | Bestelnummer | P | | M | | S | | | | H | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4340 | 1040 | 1130 | 1130 | H13A | S30T | S40T | 1010 | 1130 | IC | LE | S | REEQ |
| Middelmatig | M30 | 05 | 0.60 | 415N-05 02 06M-M30 | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ★ | ☆ | ★ | ☆ | 5.0 | 3.8 | 2.21 | 1.50 |
| | | 05 | 1.20 | 415N-05 02 12E-M30 | ★ | | ★ | | ☆ | | ★ | ☆ | | ☆ | 5.0 | 3.0 | 2.21 | 2.00 |
| | | 05 | 1.20 | 415N-05 02 12M-M30 | ★ | | ★ | ☆ | ☆ | | ★ | ☆ | ★ | ☆ | 5.0 | 3.0 | 2.21 | 2.00 |
| | | 07 | 1.00 | 415N-07 03 10M-M30 | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ★ | ☆ | ★ | ☆ | 7.0 | 5.0 | 3.07 | 2.20 |
| | | 07 | 2.00 | 415N-07 03 20E-M30 | ★ | | ★ | | ☆ | | ★ | ☆ | | ☆ | 7.0 | 3.0 | 3.07 | 2.20 |
| | | 07 | 2.00 | 415N-07 03 20M-M30 | ★ | | ★ | ☆ | ☆ | | ★ | ☆ | ★ | ☆ | 7.0 | 3.0 | 3.07 | 2.80 |

415N-05 02 12M-M30 verhoogt DC met 1.0 mm en reduceert DCX met 0.26 mm en LF met 0.13 mm 415N-07 03 20M-M30 verhoogt DC met 1.7 mm en verlaagt DCX met 0.44 mm en LF met 0.22 mm (Vergeleken met het gebruik van het gereedschap met MIID)

I38 I154 I175 N23 N10

# CoroMill® 745

## Multisnijkant vlakfrees en freesconcepten voor hoge voeding.

### Toepassing

- Vlakfrezen
- Voorfrezen tot semi-nafrezen
- Frezen met hoge voeding

### ISO toepassingsgebied:

P K



### Voordelen en kenmerken

- Multi-snijkant concept voor grote serieproducties, flexibele productiestraten en wanneer maximaal gereedschapsgebruik is vereist
- CoroMill 745 met 42° instelhoek wordt gebruik in ISO P, K, M en S toepassingen waar APMX is 5,2 mm
- CoroMill 745 hoge voedingsfrees met 25° instelhoek wordt gebruikt als een productiviteitsverbeteraar in ISO P en ISO K toepassingen waar APMX is 2,8 mm
- De unieke differentiële MD-vertanding is uitermate geschikt voor het oplossen van problemen bij de bewerking van trillingsgevoelige componenten en minder krachtige configuraties

**CoroMill® 745 vlakfrees Zie pagina I17**

**CoroMill® 745 vlakfrezen met hoge voeding Zie pagina I43**

www.sandvik.coromant.com/coromill745

### Koppelingen

- Coromant Capto®
- Doorn

### Wisselplaten

- 14 snijkanten
- De veilige tipzitting en de grote, robuuste wisselplaat met sterke, licht snijdende geometrieën zijn ontworpen voor betrouwbaar en voorspelbaar bewerken.

### Baanbrekende technologie

Beschikbaar met 42° instelhoek voor grotere snijdieptes en als een hoge voedigsversie met 25° instelhoek voor een nog groter verspaningsvolume. Dezelfde wisselplaten worden gebruikt in beide frezen.





### Differentiële MD-vertanding

De unieke differentiële MD-vertanding is de eerste keuze bij voorbewerken waar een licht snijdende werking is vereist, bijv. in trillinggevoelige en zwakke opstellingen. Het is een perfecte probleemoplosser als trillingen een beperkende factor in de productie zijn. De lengte en het gewicht van dhet freeslichaam zijn verminderd om de prestaties in laagproductieve toepassingen te verbeteren. De frees heeft een logaritmische differentiële vertanding, en de wisselplaatpositie heeft een radiale compensatie om een gelijkmatige spaanbelasting op elke wisselplaat te geven.

I43 I45



SANDVIK Coromant

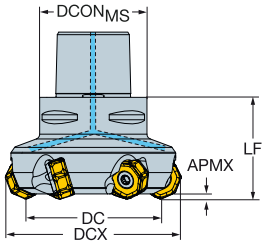
# CoroMill® 745 vlakfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

**Hoge voedingsfrees**

KAPR 25°






| DC | | CZC$_{MS}$ | APMX$_{FFW}$ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63.0 | 21 | C5 | 2.80 | 3 | 5 | **725-063C5-21M** | 50.0 | 86.4 | 60.0 | 12.0 | 1.30 | 5894 | 5 | 745R-2109 |
| | 21 | C6 | 2.80 | 3 | 5 | **725-063C6-21M** | 63.0 | 86.4 | 60.0 | 12.0 | 1.70 | 5894 | 5 | 745R-2109 |
| | 21 | C5 | 2.80 | 3 | 7 | **725-063C5-21H** | 50.0 | 86.4 | 60.0 | 12.0 | 1.20 | 5894 | 7 | 745R-2109 |
| | 21 | C6 | 2.80 | 3 | 7 | **725-063C6-21H** | 63.0 | 86.4 | 60.0 | 12.0 | 1.60 | 5894 | 7 | 745R-2109 |
| 80.0 | 21 | C6 | 2.80 | 3 | 5 | **725-080C6-21M** | 63.0 | 103.4 | 65.0 | 12.0 | 2.06 | 5324 | 5 | 745R-2109 |
| | 21 | C8 | 2.80 | 3 | 6 | **725-080C8-21M** | 80.0 | 103.4 | 65.0 | 12.0 | 3.04 | 5324 | 6 | 745R-2109 |
| | 21 | C6 | 2.80 | 3 | 9 | **725-080C6-21H** | 63.0 | 103.4 | 65.0 | 12.0 | 1.93 | 5324 | 9 | 745R-2109 |
| | 21 | C8 | 2.80 | 3 | 9 | **725-080C8-21H** | 80.0 | 103.4 | 65.0 | 12.0 | 2.91 | 5324 | 9 | 745R-2109 |
| 100.0 | 21 | C8 | 2.80 | 3 | 7 | **725-100C8-21M** | 80.0 | 123.4 | 65.0 | 12.0 | 3.67 | 4765 | 7 | 745R-2109 |
| | 21 | C8 | 2.80 | 3 | 11 | **725-100C8-21H** | 80.0 | 123.4 | 65.0 | 12.0 | 3.49 | 4765 | 11 | 745R-2109 |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-80 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I45 L2 N23 N9 N15

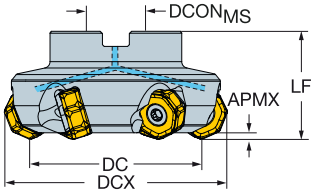
# CoroMill® 745 vlakfrees

**Doornbevestiging - inwendige koelvloeistoftoevoer**

**Hoge voedingsfrees**

STDNO ISO 6462
KAPR 25°






| DC | | CZC$_{MS}$ | APMX$_{FFW}$ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ISO | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63.0 | 21 | 22 | 2.80 | 3 | 5 | **725-063Q22-21M** | 22.0 | A | 86.4 | 50.0 | 12.0 | 0.90 | 5894 | 5 | 745R-2109 |
| | 21 | 22 | 2.80 | 3 | 7 | **725-063Q22-21H** | 22.0 | A | 86.4 | 50.0 | 12.0 | 0.81 | 5894 | 7 | 745R-2109 |
| 80.0 | 21 | 27 | 2.80 | 3 | 6 | **725-080Q27-21M** | 27.0 | A | 103.4 | 50.0 | 12.0 | 1.36 | 5324 | 6 | 745R-2109 |
| | 21 | 27 | 2.80 | 3 | 9 | **725-080Q27-21H** | 27.0 | A | 103.4 | 50.0 | 12.0 | 1.23 | 5324 | 9 | 745R-2109 |
| 100.0 | 21 | 32 | 2.80 | 3 | 7 | **725-100Q32-21M** | 32.0 | A | 123.4 | 50.0 | 12.0 | 2.33 | 4765 | 7 | 745R-2109 |
| | 21 | 32 | 2.80 | 3 | 11 | **725-100Q32-21H** | 32.0 | A | 123.4 | 50.0 | 12.0 | 2.18 | 4765 | 11 | 745R-2109 |
| 125.0 | 21 | 40 | 2.80 | 3 | 8 | **725-125Q40-21M** | 40.0 | B | 148.4 | 63.0 | 12.0 | 3.97 | 4216 | 8 | 745R-2109 |
| | 21 | 40 | 2.80 | 3 | 14 | **725-125Q40-21H** | 40.0 | B | 148.4 | 63.0 | 12.0 | 3.17 | 4216 | 14 | 745R-2109 |
| 160.0 | 21 | 40 | 2.80 | 3 | 10 | **725-160Q40-21M** | 40.0 | B | 183.4 | 63.0 | 12.0 | 4.86 | 3675 | 10 | 745R-2109 |
| | 21 | 40 | 2.80 | 3 | 16 | **725-160Q40-21H** | 40.0 | B | 183.4 | 63.0 | 12.0 | 5.31 | 3675 | 16 | 745R-2109 |

| | Reserve onderdelen | |
|---|---|---|
| DC | Schroef met platte kop | Wisselplaat-schroef |
| 63.00 | 5512 073-01 | 5513 020-80 |
| 80.00 | 5512 073-02 | 5513 020-80 |
| 100.00 | 5512 073-05 | 5513 020-80 |
| 125.00-160.00 | 5512 098-03 | 5513 020-80 |
| 250.00 | - | 5513 020-80 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I45 L2 M1 N23 N9 N15

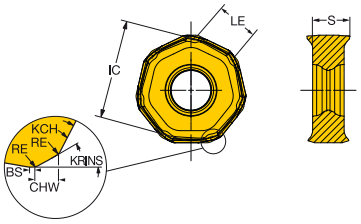


SANDVIK Coromant

# CoroMill® 745 freeswisselplaat



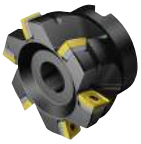
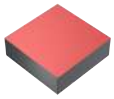
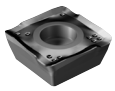
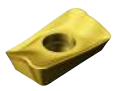
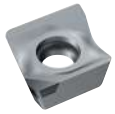
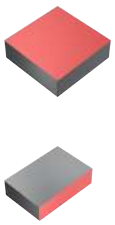
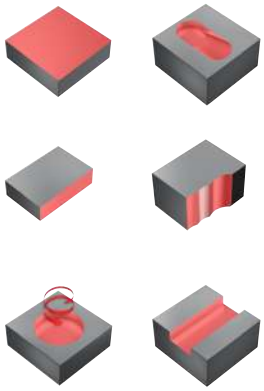
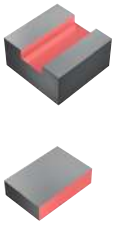
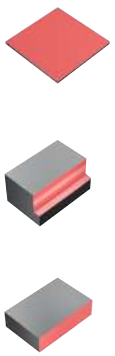
KRINS 42°




| | | | RE | KCH | CHW | Bestelnummer | P 1130 | P 4220 | P 4230 | P 4240 | K 1020 | K 3040 | K K20D | K K20W | Afmetingen, mm IC | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | M30 | 21 | 1.00 | 17° | 1.3 | 745R-2109E-M30 | ★ | ☆ | ★ | ☆ | ★ | ☆ | ☆ | ☆ | 21.0 | 8.9 | 9.00 | 0.3 | 25.0 |
| | M50 | 21 | 1.00 | 17° | 1.3 | 745L-2109E-M50 | | | ★ | | | | ☆ | ☆ | 21.0 | 8.5 | 9.00 | 0.3 | 25.0 |
| | | | 1.00 | 17° | 1.3 | 745R-2109E-M50 | ★ | ☆ | ★ | ☆ | | ★ | ☆ | ☆ | 21.0 | 8.9 | 9.00 | 0.3 | 25.0 |
| Zwaar | H50 | 21 | 1.00 | 17° | 1.3 | 745R-2109E-H50 | | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | 21.0 | 8.9 | 9.00 | 0.3 | 25.0 |

I43 I154 I175 N23 N10

# Hoekfreesgereedschappen

| | CoroMill® 490 | CoroMill® 390 | CoroMill® 690 | CoroMill® Century |
|---|---|---|---|---|
| |  |  |  |  |
| Pagina | I47 | I57 | I79 | I83 |
| Materiaal | P M K N S H | P M K N S H | S | P M K N S H |
| Hoofdbewerking |  |  |  |  |
| KAPR | 90° | 90° | 90° | 90° |
| $D_c$ mm | 20 - 250 | 9.7 - 200 | 40 - 100 | 40 - 200 |
| APMX mm | 5.5 - 10.0 | 5.8 - 85 | 46 - 108 | 11 |
| Wisselplaat |  |  |  |  |
| Plaatgrootte | 8 & 14 | 07,11,17 & 18 | 10 & 14 | 11 |
| Koppelingen | Coromant Capto®<br>Coromant EH<br>Cilindrische schacht<br>Weldon<br>HSK<br>Doorn | Coromant Capto®<br>Coromant EH<br>Cilindrische schacht<br>Doorn<br>Weldon<br>Draadkoppeling | Coromant Capto®<br>HSK<br>Doorn | Coromant Capto®<br>HSK<br>Doorn |
| Inwendige koelvloeistof | ✓ | ✓ | ✓ | ✓ |
| Opties | | Gedempte freeslichamen beschikbaar | | Verwisselbare cassette uitvoering |
| Overige bewerkingen |  |  |  |  |

# CoroMill® 490

## Vlak- en hoekfrees voor nauwkeurige profielen

### Toepassing

- Hoekfrezen
- Meerstaps hoekfrezen
- Circulaire interpolatie
- Vlakfrezen



### ISO toepassingsgebied:

P M K N S H

### Voordelen en kenmerken

- Grote flexibiliteit, hoge nauwkeurigheid en goede toleranties
- Licht en stil snijden met lage snijkrachten
- Hoge productiviteit met uitstekende wisselplaatgeometrie en hardmetaalsoorten
- Scherpe snijkanten en braamvrije, gladde profielen
- Een afgewerkte component in één vloeiende bewerking
- Echte 90-gradensnede zonder overgangen
- Door de lichte snijdende werking kunnen zwakke bewerkingsmachines optimaal worden ingezet. Hierdoor kan de frees ook worden gebruikt op verlengde gereedschapscombinaties
- Door toepassing van ondermaatse schachten voor frezen met grotere diameters, met 8 mm wisselplaten, passen deze frezen in kleinere gereedschapshouders
- Overmaatse versies verbeteren de toegankelijkheid en bieden een natuurlijke vrijloop

www.sandvik.coromant.com/coromill490

### Koppelingen

- Coromant Capto®
- Doorn
- Cilindrische schacht
- Weldon
- Coromant EH
- HSK
- Kleine schachten voor cilindrische frezen
- Versies leverbaar in zeer grote afmetingen op doorn- en Coromant Capto® -frezen en Coromant EH

### Wisselplaten

- Vier snijkanten
- Gecementeerd hardmetaal, CBN en keramische soorten




Wijdvertand Dichtvertand Extra dichtvertand

### Precisie

De snijkanten zijn lichtelijk gekromd om de afbuiging te compenseren. Als gevolg van deze geometrie wordt een hoekvervorming tijdens hoekfrezen geminimaliseerd en worden zichtbare stappen tussen herhaalde gangen vermeden.



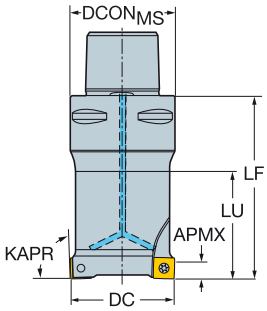

I48 I55 N6

# CoroMill® 490 hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 90°






| DC | | CZC$_{MS}$ | APMX$_{FFW}$ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 08 | C3 | 5.50 | 3 | 2 | 490-020C3-08L | 32.0 | 40.0 | 80.0 | 40.0 | 1.2 | 0.37 | 48500 | 2 | 490R-08T308 |
| | 08 | C4 | 5.50 | 3 | 2 | 490-020C4-08L | 40.0 | 40.0 | 70.0 | 40.0 | 1.2 | 0.62 | 39000 | 2 | 490R-08T308 |
| 25.0 | 08 | C3 | 5.50 | 3 | 3 | 490-025C3-08M | 32.0 | 60.0 | 80.0 | 60.0 | 1.2 | 0.39 | 40400 | 3 | 490R-08T308 |
| | 08 | C4 | 5.50 | 3 | 3 | 490-025C4-08M | 40.0 | 45.0 | 70.0 | 45.0 | 1.2 | 0.43 | 39000 | 3 | 490R-08T308 |
| | 08 | C5 | 5.50 | 3 | 3 | 490-025C5-08M | 50.0 | 50.0 | 75.0 | 50.0 | 1.2 | 0.85 | 28000 | 3 | 490R-08T308 |
| | 08 | C6 | 5.50 | 3 | 3 | 490-025C6-08M | 63.0 | 53.0 | 80.0 | 53.0 | 1.2 | 1.41 | 20000 | 3 | 490R-08T308 |
| 32.0 | 08 | C3 | 5.50 | 3 | 4 | 490-032C3-08M | 32.0 | 60.0 | 80.0 | 60.0 | 1.2 | 0.50 | 33900 | 4 | 490R-08T308 |
| | 08 | C4 | 5.50 | 3 | 4 | 490-032C4-08M | 40.0 | 45.0 | 70.0 | 45.0 | 1.2 | 0.75 | 33900 | 4 | 490R-08T308 |
| | 08 | C5 | 5.50 | 3 | 4 | 490-032C5-08M | 50.0 | 50.0 | 75.0 | 50.0 | 1.2 | 0.90 | 28000 | 4 | 490R-08T308 |
| | 08 | C6 | 5.50 | 3 | 4 | 490-032C6-08M | 63.0 | 53.0 | 80.0 | 53.0 | 1.2 | 1.44 | 20000 | 4 | 490R-08T308 |
| 36.0 | 08 | C3 | 5.50 | 3 | 4 | 490-036C3-08M | 32.0 | 30.0 | 50.0 | 30.0 | 1.2 | 0.55 | 31300 | 4 | 490R-08T308 |
| 40.0 | 08 | C4 | 5.50 | 3 | 4 | 490-040C4-08M | 40.0 | 45.0 | 70.0 | 45.0 | 1.2 | 0.82 | 29300 | 4 | 490R-08T308 |
| | 08 | C5 | 5.50 | 3 | 4 | 490-040C5-08M | 50.0 | 50.0 | 75.0 | 50.0 | 1.2 | 1.09 | 28000 | 4 | 490R-08T308 |
| | 08 | C4 | 5.50 | 3 | 6 | 490-040C4-08H | 40.0 | 45.0 | 70.0 | 45.0 | 1.2 | 0.88 | 29300 | 6 | 490R-08T308 |
| | 08 | C5 | 5.50 | 3 | 6 | 490-040C5-08H | 50.0 | 50.0 | 75.0 | 50.0 | 1.2 | 1.10 | 28000 | 6 | 490R-08T308 |
| | 08 | C6 | 5.50 | 3 | 6 | 490-040C6-08H | 63.0 | 53.0 | 80.0 | 53.0 | 1.2 | 1.62 | 20000 | 6 | 490R-08T308 |
| | 14 | C4 | 10.00 | 3 | 3 | 490-040C4-14M | 40.0 | 45.0 | 70.0 | 45.0 | 3.0 | 0.82 | 26400 | 3 | 490R-1404 |
| | 14 | C5 | 10.00 | 3 | 3 | 490-040C5-14M | 50.0 | 50.0 | 75.0 | 50.0 | 3.0 | 1.02 | 26400 | 3 | 490R-1404 |
| | 14 | C6 | 10.00 | 3 | 3 | 490-040C6-14M | 63.0 | 53.0 | 80.0 | 53.0 | 3.0 | 1.56 | 20000 | 3 | 490R-1404 |
| | 14 | C4 | 10.00 | 3 | 4 | 490-040C4-14H | 40.0 | 70.0 | 70.0 | 45.0 | 3.0 | 0.82 | 26400 | 4 | 490R-1404 |
| | 14 | C5 | 10.00 | 3 | 4 | 490-040C5-14H | 50.0 | 50.0 | 75.0 | 50.0 | 3.0 | 1.03 | 26400 | 4 | 490R-1404 |
| | 14 | C6 | 10.00 | 3 | 4 | 490-040C6-14H | 63.0 | 53.0 | 80.0 | 53.0 | 3.0 | 1.52 | 20000 | 4 | 490R-1404 |
| 44.0 | 08 | C4 | 5.50 | 3 | 5 | 490-044C4-08M | 40.0 | 40.0 | 60.0 | | 1.2 | 0.83 | 27600 | 5 | 490R-08T308 |
| | 08 | C4 | 5.50 | 3 | 6 | 490-044C4-08H | 40.0 | 40.0 | 60.0 | | 1.2 | 0.79 | 27600 | 6 | 490R-08T308 |
| | 14 | C4 | 10.00 | 3 | 3 | 490-044C4-14M | 40.0 | 45.0 | 70.0 | | 3.0 | 0.89 | 24600 | 3 | 490R-1404 |
| | 14 | C4 | 10.00 | 3 | 4 | 490-044C4-14H | 40.0 | 70.0 | 70.0 | | 3.0 | 0.89 | 24600 | 4 | 490R-1404 |
| 50.0 | 08 | C5 | 5.50 | 3 | 5 | 490-050C5-08M | 50.0 | 50.0 | 75.0 | 50.0 | 1.2 | 1.28 | 25500 | 5 | 490R-08T308 |
| | 08 | C6 | 5.50 | 3 | 5 | 490-050C6-08M | 63.0 | 53.0 | 80.0 | 53.0 | 1.2 | 1.84 | 20000 | 5 | 490R-08T308 |
| | 08 | C5 | 5.50 | 3 | 7 | 490-050C5-08H | 50.0 | 50.0 | 75.0 | 50.0 | 1.2 | 1.26 | 25500 | 7 | 490R-08T308 |
| | 08 | C6 | 5.50 | 3 | 7 | 490-050C6-08H | 63.0 | 53.0 | 80.0 | 53.0 | 1.2 | 1.86 | 20000 | 7 | 490R-08T308 |
| | 14 | C5 | 10.00 | 3 | 4 | 490-050C5-14M | 50.0 | 53.0 | 75.0 | 50.0 | 3.0 | 1.26 | 13700 | 4 | 490R-1404 |
| | 14 | C6 | 10.00 | 3 | 4 | 490-050C6-14M | 63.0 | 53.0 | 80.0 | 53.0 | 3.0 | 1.80 | 13700 | 4 | 490R-1404 |
| | 14 | C5 | 10.00 | 3 | 5 | 490-050C5-14H | 50.0 | 50.0 | 75.0 | 50.0 | 3.0 | 1.23 | 22400 | 5 | 490R-1404 |
| | 14 | C6 | 10.00 | 3 | 5 | 490-050C6-14H | 63.0 | 53.0 | 80.0 | 53.0 | 3.0 | 1.75 | 20000 | 5 | 490R-1404 |
| 54.0 | 08 | C5 | 5.50 | 3 | 5 | 490-054C5-08M | 50.0 | 40.0 | 60.0 | | 1.2 | 1.34 | 24300 | 5 | 490R-08T308 |
| | 08 | C5 | 5.50 | 3 | 7 | 490-054C5-08H | 50.0 | 40.0 | 60.0 | | 1.2 | 1.34 | 24300 | 7 | 490R-08T308 |
| | 14 | C5 | 10.00 | 3 | 4 | 490-054C5-14M | 50.0 | 60.0 | 60.0 | | 3.0 | 1.31 | 13000 | 4 | 490R-1404 |
| | 14 | C5 | 10.00 | 3 | 5 | 490-054C5-14H | 50.0 | 60.0 | 60.0 | | 3.0 | 1.26 | 21300 | 5 | 490R-1404 |
| 63.0 | 08 | C6 | 5.50 | 3 | 6 | 490-063C6-08M | 63.0 | 23.0 | 50.0 | 23.0 | 1.2 | 1.69 | 20000 | 6 | 490R-08T308 |
| | 08 | C6 | 5.50 | 3 | 8 | 490-063C6-08H | 63.0 | 23.0 | 50.0 | 23.0 | 1.2 | 1.67 | 20000 | 8 | 490R-08T308 |
| | 14 | C6 | 10.00 | 3 | 5 | 490-063C6-14M | 63.0 | 53.0 | 80.0 | 53.0 | 3.0 | 2.18 | 11700 | 5 | 490R-1404 |
| | 14 | C6 | 10.00 | 3 | 6 | 490-063C6-14H | 63.0 | 53.0 | 80.0 | 53.0 | 3.0 | 2.16 | 11700 | 6 | 490R-1404 |
| 66.0 | 08 | C6 | 5.50 | 3 | 6 | 490-066C6-08M | 63.0 | 28.0 | 50.0 | | 1.2 | 1.70 | 20000 | 6 | 490R-08T308 |
| | 08 | C6 | 5.50 | 3 | 8 | 490-066C6-08H | 63.0 | 28.0 | 50.0 | | 1.2 | 1.72 | 20000 | 8 | 490R-08T308 |
| | 14 | C6 | 10.00 | 3 | 5 | 490-066C6-14M | 63.0 | 65.0 | 65.0 | | 3.0 | 1.93 | 11400 | 5 | 490R-1404 |
| | 14 | C6 | 10.00 | 3 | 6 | 490-066C6-14H | 63.0 | 65.0 | 65.0 | | 3.0 | 1.94 | 11400 | 6 | 490R-1404 |

I55 L2 N23 N6 N9 N15



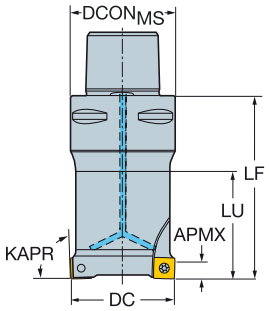
SANDVIK Coromant

# CoroMill® 490 hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 90°






| DC | | CZC$_{MS}$ | APMX$_{FFW}$ | CNSC | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80.0 | 08 | C8 | 5.50 | 3 | | 8 | 490-080C8-08M | 80.0 | | 80.0 | 45.0 | 1.2 | 3.73 | 14000 | 8 | 490R-08T308 |
| | 08 | C8 | 5.50 | 3 | | 10 | 490-080C8-08H | 80.0 | | 80.0 | 45.0 | 1.2 | 3.76 | 14000 | 10 | 490R-08T308 |
| | 14 | C6 | 10.00 | 3 | | 6 | 490-080C6-14M | 63.0 | 65.0 | 65.0 | 65.0 | 3.0 | 2.33 | 10100 | 6 | 490R-1404 |
| | 14 | C8 | 10.00 | 3 | | 6 | 490-080C8-14M | 80.0 | | 80.0 | 45.0 | 3.0 | 3.59 | 10100 | 6 | 490R-1404 |
| | 14 | C6 | 10.00 | 3 | 8 | | 490-080C6-14H | 63.0 | 65.0 | 65.0 | 65.0 | 3.0 | 2.33 | 10100 | 8 | 490R-1404 |
| | 14 | C8 | 10.00 | 3 | 8 | | 490-080C8-14H | 80.0 | | 80.0 | 45.0 | 3.0 | 3.59 | 10100 | 8 | 490R-1404 |
| 84.0 | 08 | C8 | 5.50 | 3 | | 8 | 490-084C8-08M | 80.0 | | 60.0 | | 1.2 | 3.13 | 14000 | 8 | 490R-08T308 |
| | 08 | C8 | 5.50 | 3 | | 10 | 490-084C8-08H | 80.0 | | 60.0 | | 1.2 | 3.19 | 14000 | 10 | 490R-08T308 |
| | 14 | C8 | 10.00 | 3 | | 6 | 490-084C8-14M | 80.0 | | 70.0 | | 3.0 | 3.39 | 9800 | 6 | 490R-1404 |
| | 14 | C8 | 10.00 | 3 | 8 | | 490-084C8-14H | 80.0 | | 70.0 | | 3.0 | 3.39 | 9800 | 8 | 490R-1404 |

| | Reserve onderdelen | | |
|---|---|---|---|
| | Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef |
| 08 | 5513 020-35 | | |
| 14 | 5513 020-72 | 5322 471-01 | 5512 090-01 |

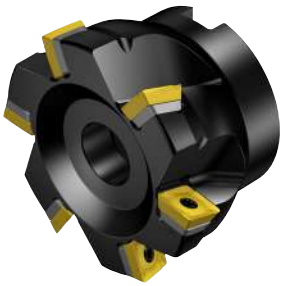
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

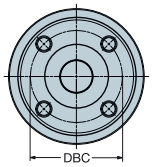
I55 L2 N23 N6 N9 N15

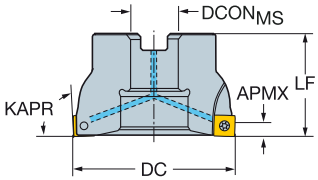
# CoroMill® 490 hoekfrees

**Doornbevestiging - inwendige koelvloeistoftoevoer**

STDNO ISO6462
KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 08 | 16 | 5.50 | 1 | | 4 | 490-040Q16-08M | 16.0 | A | | 40.0 | 1.2 | 0.46 | 29300 | 4 | 490R-08T308 |
| | 08 | 16 | 5.50 | 1 | 6 | | 490-040Q16-08H | 16.0 | A | | 40.0 | 1.2 | 0.23 | 29300 | 6 | 490R-08T308 |
| 44.0 | 08 | 16 | 5.50 | 1 | | 5 | 490-044Q16-08M | 16.0 | A | | 40.0 | 1.2 | 0.50 | 27600 | 5 | 490R-08T308 |
| 50.0 | 08 | 22 | 5.50 | 1 | | 4 | 490-050Q22-08L | 22.0 | A | | 40.0 | 1.2 | 0.66 | 25500 | 4 | 490R-08T308 |
| | 08 | 22 | 5.50 | 1 | | 5 | 490-050Q22-08M | 22.0 | A | | 40.0 | 1.2 | 0.48 | 25500 | 5 | 490R-08T308 |
| | 08 | 22 | 5.50 | 1 | 7 | | 490-050Q22-08H | 22.0 | A | | 40.0 | 1.2 | 0.37 | 25500 | 7 | 490R-08T308 |
| | 14 | 22 | 10.00 | 1 | | 4 | 490-050Q22-14M | 22.0 | A | | 40.0 | 3.0 | 0.38 | 13700 | 4 | 490R-1404 |
| | 14 | 22 | 10.00 | 1 | 5 | | 490-050Q22-14H | 22.0 | A | | 40.0 | 3.0 | 0.36 | 22400 | 5 | 490R-1404 |
| 54.0 | 08 | 22 | 5.50 | 1 | | 5 | 490-054Q22-08M | 22.0 | A | | 40.0 | 1.2 | 0.69 | 24300 | 5 | 490R-08T308 |
| | 14 | 22 | 10.00 | 1 | | 4 | 490-054Q22-14M | 22.0 | A | | 40.0 | 3.0 | 0.67 | 13000 | 4 | 490R-1404 |
| 63.0 | 08 | 22 | 5.50 | 1 | | 5 | 490-063Q22-08L | 22.0 | A | | 40.0 | 1.2 | 0.77 | 22200 | 5 | 490R-08T308 |
| | 08 | 22 | 5.50 | 1 | | 6 | 490-063Q22-08M | 22.0 | A | | 40.0 | 1.2 | 0.53 | 22200 | 6 | 490R-08T308 |
| | 08 | 22 | 5.50 | 1 | 8 | | 490-063Q22-08H | 22.0 | A | | 40.0 | 1.2 | 0.50 | 22200 | 8 | 490R-08T308 |
| | 14 | 22 | 10.00 | 1 | | 5 | 490-063Q22-14M | 22.0 | A | | 40.0 | 3.0 | 0.51 | 11700 | 5 | 490R-1404 |
| | 14 | 22 | 10.00 | 1 | 6 | | 490-063Q22-14H | 22.0 | A | | 40.0 | 3.0 | 0.71 | 11700 | 6 | 490R-1404 |
| 66.0 | 08 | 22 | 5.50 | 1 | | 6 | 490-066Q22-08M | 22.0 | A | | 40.0 | 1.2 | 0.75 | 21600 | 6 | 490R-08T308 |
| | 14 | 22 | 10.00 | 1 | | 5 | 490-066Q22-14M | 22.0 | A | | 40.0 | 3.0 | 0.76 | 11400 | 5 | 490R-1404 |
| 80.0 | 08 | 27 | 5.50 | 1 | | 6 | 490-080Q27-08L | 27.0 | A | | 50.0 | 1.2 | 1.43 | 19400 | 6 | 490R-08T308 |
| | 08 | 27 | 5.50 | 1 | | 8 | 490-080Q27-08M | 27.0 | A | | 50.0 | 1.2 | 1.39 | 19400 | 8 | 490R-08T308 |
| | 08 | 27 | 5.50 | 1 | | 10 | 490-080Q27-08H | 27.0 | A | | 50.0 | 1.2 | 1.20 | 19400 | 10 | 490R-08T308 |
| | 14 | 27 | 10.00 | 1 | | 6 | 490-080Q27-14M | 27.0 | A | | 50.0 | 3.0 | 1.11 | 10100 | 6 | 490R-1404 |
| | 14 | 27 | 10.00 | 1 | 8 | | 490-080Q27-14H | 27.0 | A | | 50.0 | 3.0 | 1.12 | 10100 | 8 | 490R-1404 |
| 84.0 | 08 | 27 | 5.50 | 1 | | 8 | 490-084Q27-08M | 27.0 | A | | 50.0 | 1.2 | 1.78 | 18900 | 8 | 490R-08T308 |
| | 14 | 27 | 10.00 | 1 | | 6 | 490-084Q27-14M | 27.0 | A | | 50.0 | 3.0 | 1.61 | 9800 | 6 | 490R-1404 |
| 100.0 | 08 | 32 | 5.50 | 0 | | 6 | 490-100Q32-08L | 32.0 | B | | 50.0 | 1.2 | 2.15 | 17100 | 6 | 490R-08T308 |
| | 08 | 32 | 5.50 | 0 | | 8 | 490-100Q32-08M | 32.0 | B | | 50.0 | 1.2 | 2.10 | 17100 | 8 | 490R-08T308 |
| | 08 | 32 | 5.50 | 0 | | 10 | 490-100Q32-08H | 32.0 | B | | 50.0 | 1.2 | 2.10 | 17100 | 10 | 490R-08T308 |
| | 14 | 32 | 10.00 | 1 | | 5 | 490-100Q32-14L | 32.0 | B | | 50.0 | 3.0 | 2.07 | 8900 | 5 | 490R-1404 |
| | 14 | 32 | 10.00 | 1 | | 7 | 490-100Q32-14M | 32.0 | B | | 50.0 | 3.0 | 1.99 | 8900 | 7 | 490R-1404 |
| | 14 | 32 | 10.00 | 1 | 10 | | 490-100Q32-14H | 32.0 | B | | 50.0 | 3.0 | 2.00 | 8900 | 10 | 490R-1404 |
| 125.0 | 08 | 40 | 5.50 | 0 | | 8 | 490-125Q40-08L | 40.0 | B | | 63.0 | 1.2 | 3.51 | 15200 | 8 | 490R-08T308 |
| | 08 | 40 | 5.50 | 0 | | 10 | 490-125Q40-08M | 40.0 | B | | 63.0 | 1.2 | 3.44 | 15200 | 10 | 490R-08T308 |
| | 08 | 40 | 5.50 | 0 | | 12 | 490-125Q40-08H | 40.0 | B | | 63.0 | 1.2 | 3.46 | 15200 | 12 | 490R-08T308 |
| | 14 | 40 | 10.00 | 1 | | 6 | 490-125Q40-14L | 40.0 | B | | 63.0 | 3.0 | 3.37 | 7800 | 6 | 490R-1404 |
| | 14 | 40 | 10.00 | 1 | | 8 | 490-125Q40-14M | 40.0 | B | | 63.0 | 3.0 | 3.05 | 7800 | 8 | 490R-1404 |
| | 14 | 40 | 10.00 | 1 | 12 | | 490-125Q40-14H | 40.0 | B | | 63.0 | 3.0 | 3.29 | 7800 | 12 | 490R-1404 |
| 160.0 | 14 | 40S | 10.00 | 0 | | 8 | 490-160Q40-14L | 40.0 | C | 66.7 | 63.0 | 3.0 | 5.05 | 6800 | 8 | 490R-1404 |
| | 14 | 40S | 10.00 | 0 | | 12 | 490-160Q40-14M | 40.0 | C | 66.7 | 63.0 | 3.0 | 5.01 | 6800 | 12 | 490R-1404 |
| | 14 | 40S | 10.00 | 0 | 15 | | 490-160Q40-14H | 40.0 | C | 66.7 | 63.0 | 3.0 | 5.06 | 6800 | 15 | 490R-1404 |
| 200.0 | 14 | 60 | 10.00 | 0 | | 10 | 490-200Q60-14L | 60.0 | C | 101.6 | 63.0 | 3.0 | 13.11 | 6000 | 10 | 490R-1404 |
| | 14 | 60 | 10.00 | 0 | | 16 | 490-200Q60-14M | 60.0 | C | 101.6 | 63.0 | 3.0 | 11.79 | 6000 | 16 | 490R-1404 |
| 250.0 | 14 | 60 | 10.00 | 0 | | 12 | 490-250Q60-14L | 60.0 | C | 101.6 | 63.0 | 3.0 | 15.50 | 5300 | 12 | 490R-1404 |
| | 14 | 60 | 10.00 | 0 | | 18 | 490-250Q60-14M | 60.0 | C | 101.6 | 63.0 | 3.0 | 17.52 | 5300 | 18 | 490R-1404 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

I55 L2 M1 N23 N6 N9 N15



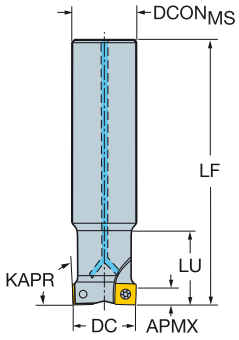
SANDVIK Coromant

# CoroMill® 490 hoekfrees

**Cilindrische schacht - interne koelmiddeltoevoer**

KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 08 | 16 | 5.50 | 1 | 2 | | 490-020A16-08L | 16.0 | 100.0 | | 1.2 | 0.24 | 48500 | 2 | 490R-08T308 |
| | 08 | 20 | 5.50 | 1 | 2 | | 490-020A20-08L | 20.0 | 110.0 | 25.0 | 1.2 | 0.33 | 48500 | 2 | 490R-08T308 |
| 22.0 | 08 | 20 | 5.50 | 1 | 2 | | 490-022A20L-08L | 20.0 | 170.0 | | 1.2 | 0.47 | 20300 | 2 | 490R-08T308 |
| 25.0 | 08 | 20 | 5.50 | 1 | 2 | | 490-025A20-08L | 20.0 | 110.0 | | 1.2 | 0.34 | 40400 | 2 | 490R-08T308 |
| | 08 | 25 | 5.50 | 1 | 2 | | 490-025A25-08L | 25.0 | 120.0 | 32.0 | 1.2 | 0.49 | 40400 | 2 | 490R-08T308 |
| | 08 | 20 | 5.50 | 1 | 3 | | 490-025A20-08M | 20.0 | 110.0 | | 1.2 | 0.32 | 40400 | 3 | 490R-08T308 |
| | 08 | 25 | 5.50 | 1 | 3 | | 490-025A25-08M | 25.0 | 120.0 | 32.0 | 1.2 | 0.46 | 40400 | 3 | 490R-08T308 |
| 28.0 | 08 | 25 | 5.50 | 1 | 2 | | 490-028A25L-08L | 25.0 | 210.0 | | 1.2 | 0.84 | 11000 | 2 | 490R-08T308 |
| 32.0 | 08 | 25 | 5.50 | 1 | | 3 | 490-032A25-08L | 25.0 | 120.0 | | 1.2 | 0.55 | 33900 | 3 | 490R-08T308 |
| | 08 | 32 | 5.50 | 1 | | 3 | 490-032A32-08L | 32.0 | 130.0 | 40.0 | 1.2 | 0.81 | 33900 | 3 | 490R-08T308 |
| | 08 | 25 | 5.50 | 1 | 4 | | 490-032A25-08M | 25.0 | 120.0 | | 1.2 | 0.55 | 33900 | 4 | 490R-08T308 |
| | 08 | 32 | 5.50 | 1 | 4 | | 490-032A32-08M | 32.0 | 130.0 | 40.0 | 1.2 | 0.81 | 33900 | 4 | 490R-08T308 |
| 40.0 | 08 | 32 | 5.50 | 1 | | 3 | 490-040A32-08L | 32.0 | 170.0 | | 1.2 | 1.18 | 20300 | 3 | 490R-08T308 |
| | 08 | 32 | 5.50 | 1 | | 4 | 490-040A32-08M | 32.0 | 170.0 | | 1.2 | 1.16 | 20300 | 4 | 490R-08T308 |
| | 08 | 32 | 5.50 | 1 | 6 | | 490-040A32-08H | 32.0 | 170.0 | | 1.2 | 1.18 | 20300 | 6 | 490R-08T308 |
| | 14 | 32 | 10.00 | 1 | | 3 | 490-040A32-14M | 32.0 | 170.0 | | 3.0 | 1.12 | 26400 | 3 | 490R-1404 |
| | 14 | 32 | 10.00 | 1 | | 3 | 490-040A32L-14M | 32.0 | 250.0 | | 3.0 | 1.77 | 7600 | 3 | 490R-1404 |
| | 14 | 32 | 10.00 | 1 | 4 | | 490-040A32-14H | 32.0 | 170.0 | | 3.0 | 1.13 | 26400 | 4 | 490R-1404 |
| 50.0 | 14 | 32 | 10.00 | 1 | | 3 | 490-050A32-14L | 32.0 | 120.0 | | 3.0 | 1.07 | 13700 | 3 | 490R-1404 |
| | 14 | 32 | 10.00 | 1 | | 4 | 490-050A32-14M | 32.0 | 120.0 | | 3.0 | 0.90 | 13700 | 4 | 490R-1404 |
| 63.0 | 14 | 32 | 10.00 | 1 | | 4 | 490-063A32-14L | 32.0 | 120.0 | | 3.0 | 1.43 | 11700 | 4 | 490R-1404 |
| | 14 | 32 | 10.00 | 1 | | 5 | 490-063A32-14M | 32.0 | 120.0 | | 3.0 | 1.43 | 11700 | 5 | 490R-1404 |

| | Reserve onderdelen | | |
|---|---|---|---|
| | Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef |
| 08 | 5513 020-35 | | |
| 14 | 5513 020-72 | 5322 471-01 | 5512 090-01 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

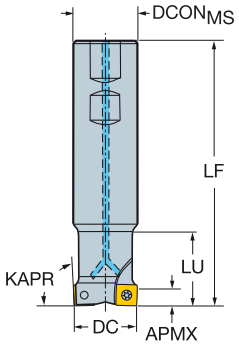
I55 L2 N23 N6 N9 N15

# CoroMill® 490 hoekfrees

**Weldon - inwendige koelvloeistoftoevoer**

KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 08 | 16 | 5.50 | 1 | 2 | | 490-020B16-08L | 16.0 | WE | 25.0 | 74.0 | | 1.2 | 0.20 | 48500 | 2 | 490R-08T308 |
| | 08 | 20 | 5.50 | 1 | 2 | | 490-020B20-08L | 20.0 | WE | 25.0 | 76.0 | 25.0 | 1.2 | 0.25 | 48500 | 2 | 490R-08T308 |
| 25.0 | 08 | 20 | 5.50 | 1 | 2 | | 490-025B20-08L | 20.0 | WE | 32.0 | 83.0 | | 1.2 | 0.28 | 40400 | 2 | 490R-08T308 |
| | 08 | 25 | 5.50 | 1 | 3 | | 490-025B25-08M | 25.0 | WE | 32.0 | 88.0 | 32.0 | 1.2 | 0.37 | 40400 | 3 | 490R-08T308 |
| 32.0 | 08 | 25 | 5.50 | 1 | | 3 | 490-032B25-08L | 25.0 | WE | 40.0 | 98.0 | | 1.2 | 0.46 | 33900 | 3 | 490R-08T308 |
| | 08 | 32 | 5.50 | 1 | | 3 | 490-032B32-08L | 32.0 | WE | 40.0 | 100.0 | 40.0 | 1.2 | 0.62 | 33900 | 3 | 490R-08T308 |
| | 08 | 25 | 5.50 | 1 | 4 | | 490-032B25-08M | 25.0 | WE | 40.0 | 98.0 | | 1.2 | 0.47 | 33900 | 4 | 490R-08T308 |
| | 08 | 32 | 5.50 | 1 | 4 | | 490-032B32-08M | 32.0 | WE | 40.0 | 100.0 | 40.0 | 1.2 | 0.62 | 33900 | 4 | 490R-08T308 |
| 40.0 | 08 | 32 | 5.50 | 1 | | 4 | 490-040B32-08M | 32.0 | WE | 50.0 | 112.0 | | 1.2 | 0.79 | 29300 | 4 | 490R-08T308 |
| | 08 | 32 | 5.50 | 1 | 6 | | 490-040B32-08H | 32.0 | WE | 50.0 | 112.0 | | 1.2 | 0.81 | 29300 | 6 | 490R-08T308 |
| | 14 | 32 | 10.00 | 1 | | 3 | 490-040B32-14M | 32.0 | WE | 50.0 | 112.0 | | 3.0 | 0.76 | 26400 | 3 | 490R-1404 |
| | 14 | 32 | 10.00 | 1 | 4 | | 490-040B32-14H | 32.0 | WE | 50.0 | 112.0 | | 3.0 | 0.77 | 26400 | 4 | 490R-1404 |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 08 | 5513 020-35 |
| 14 | 5513 020-72 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

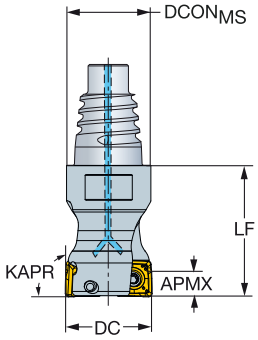
I55 L2 N23 N6 N9 N15

# CoroMill® 490 hoekfrees

**Coromant EH - interne koelmiddeltoevoer**

KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 08 | E20 | 5.50 | 1 | 2 | | **490-020EH20-08L** | 19.3 | 30.0 | 1.2 | 0.14 | 48500 | 2 | 490R-08T308 |
| 25.0 | 08 | E25 | 5.50 | 1 | 2 | | **490-025EH25-08L** | 24.2 | 35.0 | 1.2 | 0.18 | 40400 | 2 | 490R-08T308 |
| | 08 | E25 | 5.50 | 1 | 3 | | **490-025EH25-08M** | 24.2 | 35.0 | 1.2 | 0.19 | 40400 | 3 | 490R-08T308 |
| 32.0 | 08 | E25 | 5.50 | 1 | | 3 | **490-032EH25-08L** | 24.2 | 35.0 | 1.2 | 0.21 | 33900 | 3 | 490R-08T308 |
| | 08 | E25 | 5.50 | 1 | 4 | | **490-032EH25-08M** | 24.2 | 35.0 | 1.2 | 0.18 | 33900 | 4 | 490R-08T308 |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 20.00 | 08 | 5513 020-36 |
| 25.00-32.00 | 08 | 5513 020-35 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

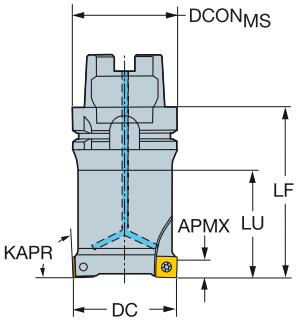
I55 L2 N23 N6 N9 N15 N3

# CoroMill® 490 hoekfrees

**HSK - inwendige koelvloeistoftoevoer**

KAPR 90°





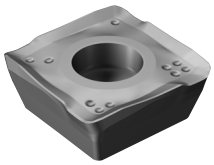

| DC | | CZCMS | APMXFFW | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | ISO | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 08 | 63 | 5.50 | 1 | 2 | **490-020HA06-08L** | 63.0 | A | 95.0 | 40.0 | 1.2 | 1.27 | 30000 | 2 | 490R-08T308 |
| 25.0 | 08 | 63 | 5.50 | 1 | 3 | **490-025HA06-08M** | 63.0 | A | 95.0 | 50.0 | 1.2 | 1.25 | 30000 | 3 | 490R-08T308 |
| 32.0 | 08 | 63 | 5.50 | 1 | 4 | **490-032HA06-08M** | 63.0 | A | 95.0 | 58.0 | 1.2 | 1.33 | 30000 | 4 | 490R-08T308 |
| 40.0 | 08 | 63 | 5.50 | 1 | 6 | **490-040HA06-08H** | 63.0 | A | 95.0 | 58.0 | 1.2 | 1.57 | 29300 | 6 | 490R-08T308 |
| 50.0 | 08 | 63 | 5.50 | 1 | 5 | **490-050HA06-08M** | 63.0 | A | 95.0 | 63.0 | 1.2 | 1.84 | 25500 | 5 | 490R-08T308 |
| | 08 | 63 | 5.50 | 1 | 7 | **490-050HA06-08H** | 63.0 | A | 95.0 | 58.0 | 1.2 | 1.86 | 25500 | 7 | 490R-08T308 |
| 63.0 | 08 | 63 | 5.50 | 1 | 6 | **490-063HA06-08M** | 63.0 | A | 70.0 | 44.0 | 1.2 | 1.81 | 22200 | 6 | 490R-08T308 |
| | 08 | 63 | 5.50 | 1 | 8 | **490-063HA06-08H** | 63.0 | A | 70.0 | 44.0 | 1.2 | 1.80 | 22200 | 8 | 490R-08T308 |
| 80.0 | 08 | 63 | 5.50 | 1 | 8 | **490-080HA06-08M** | 63.0 | A | 70.0 | | 1.2 | 2.03 | 19400 | 8 | 490R-08T308 |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-35 |

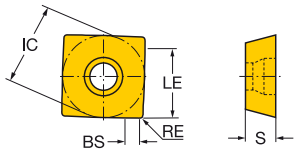
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I55 L2 N23 N6 N9 N15

# CoroMill® 490 freeswisselplaat



KRINS 90°




| | | | RE | Bestelnummer | P | | | | | M | | | | | K | | | | | N | | S | | | | H | | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4330 | 4340 | 530 | 1040 | 1130 | 2040 | 4340 | 530 | 1020 | 3040 | 3220 | 3330 | H13A | 1130 | H13A | 1130 | H13A | S30T | S40T | 1010 | 1130 | 530 | IC | LE | S | BS |
| Licht | KL | 08 | 0.40 | 490R-08T304M-KL | | | | | | | | | | | ★ | ☆ | | ☆ | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 1.5 |
| | | | 0.80 | 490R-08T308M-KL | | | | | | | | | | | ★ | ☆ | | ☆ | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 1.2 |
| | ML | 08 | 0.40 | 490R-08T304E-ML | | | | | | ★ | | ☆ | | | | | | | | | ★ | | ☆ | | | | | | 8.5 | 5.6 | 3.30 | 1.5 |
| | | | 0.80 | 490R-08T308E-ML | ★ | | | | | ★ | ☆ | ☆ | | | | | | | | ☆ | ★ | ☆ | ☆ | ★ | ☆ | | ☆ | | 8.5 | 5.6 | 3.30 | 1.2 |
| | | 14 | 0.80 | 490R-140408E-ML | | | | | | ★ | | ☆ | | | | | | | ☆ | | ★ | | ☆ | ★ | ☆ | | | | 13.8 | 10.3 | 3.90 | 2.0 |
| | PL | 08 | 0.40 | 490R-08T304M-PL | ★ | | ★ | ☆ | | | ☆ | | ☆ | | | | | | | | | ☆ | | | | | ☆ | | 8.5 | 5.6 | 3.30 | 1.5 |
| | | | 0.80 | 490R-08T308M-PL | ★ | ☆ | ★ | ☆ | ☆ | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | ★ | ☆ | ☆ | 8.5 | 5.6 | 3.30 | 1.2 |
| | | 14 | 0.80 | 490R-140408M-PL | ★ | | ★ | ☆ | | | ☆ | | ☆ | | ★ | ☆ | | ☆ | | ☆ | | ☆ | | | | | ☆ | | 13.8 | 10.3 | 3.90 | 2.0 |
| Middelmatig | KM | 08 | 0.80 | 490R-08T308M-KM | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 1.2 |
| | | | 1.20 | 490R-08T312M-KM | | | | | | | | | | | ☆ | ☆ | | ★ | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 0.9 |
| | | | 1.60 | 490R-08T316M-KM | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 0.6 |
| | MM | 08 | 0.80 | 490R-08T308E-MM | ★ | | | | | ★ | ☆ | ☆ | | | | | | | | | | ☆ | | ★ | ☆ | | | | 8.5 | 5.6 | 3.30 | 1.2 |
| | | | 0.80 | 490R-08T308M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | ★ | ☆ | | | | 8.5 | 5.6 | 3.30 | 1.2 |
| | | | 1.20 | 490R-08T312E-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 0.9 |
| | | | 1.60 | 490R-08T316E-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 0.6 |
| | | 14 | 0.80 | 490R-140408E-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 13.8 | 10.3 | 3.90 | 2.0 |
| | | | 0.80 | 490R-140408M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | ★ | ☆ | | | | 13.8 | 10.3 | 3.90 | 2.0 |
| | | | 1.20 | 490R-140412E-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | ★ | ☆ | | | | 13.8 | 10.3 | 3.90 | 1.6 |
| | | | 1.60 | 490R-140416E-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 13.8 | 10.3 | 3.90 | 1.2 |
| | | | 2.00 | 490R-140420E-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 13.8 | 10.3 | 3.90 | 0.9 |
| | | | 2.00 | 490R-140420M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 13.8 | 10.3 | 3.90 | 0.9 |
| | PM | 08 | 0.80 | 490R-08T308M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | ☆ | | | | | | | | | ☆ | | | | ★ | ☆ | | 8.5 | 5.6 | 3.30 | 1.2 |
| | | | 1.20 | 490R-08T312M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | ☆ | | | | | | | | | ☆ | | | | ★ | ☆ | | 8.5 | 5.6 | 3.30 | 0.9 |
| | | | 1.60 | 490R-08T316M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | ☆ | | | | | | | | | ☆ | | | | ★ | ☆ | | 8.5 | 5.6 | 3.30 | 0.6 |
| | | 14 | 0.80 | 490R/L-140408M-PM | | | ★ | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | 13.8 | 10.3 | 3.90 | 2.0 |
| | | | 0.80 | 490R-140408M-PM | ★ | ☆ | | ☆ | | | ☆ | | ☆ | | ☆ | | | ★ | | ☆ | | ☆ | | | | | ☆ | | 13.8 | 10.3 | 3.90 | 2.0 |
| | | | 1.20 | 490R-140412M-PM | ★ | | ★ | ☆ | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ★ | | ☆ | | ☆ | | | | | ☆ | | 13.8 | 10.3 | 3.90 | 2.0 |
| | | | 1.60 | 490R-140416M-PM | ★ | | ★ | ☆ | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ★ | | ☆ | | ☆ | | | | | ☆ | | 13.8 | 10.3 | 3.90 | 1.2 |
| | | | 2.00 | 490R-140420M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ★ | | ☆ | | ☆ | | | | | ☆ | | 13.8 | 10.3 | 3.90 | 0.9 |
| Zwaar | KH | 08 | 0.80 | 490R-08T308M-KH | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 1.2 |
| | | | 1.60 | 490R-08T316M-KH | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | | 8.5 | 5.6 | 3.30 | 0.6 |
| | PH | 08 | 0.80 | 490R-08T308M-PH | ☆ | ☆ | ☆ | ★ | | | ☆ | | ☆ | | | | | | | | | ☆ | | | | | ☆ | | 8.5 | 5.6 | 3.30 | 1.2 |
| | | | 1.60 | 490R-08T316M-PH | ☆ | ☆ | ☆ | ★ | | | ☆ | | ☆ | | | | | | | | | ☆ | | | | | ☆ | | 8.5 | 5.6 | 3.30 | 0.6 |
| | | 14 | 0.80 | 490R-140408M-PH | ☆ | ☆ | ☆ | ★ | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ★ | | ☆ | | ☆ | | | | | ☆ | | 13.8 | 10.3 | 3.90 | 2.0 |
| | | | 2.00 | 490R-140420M-PH | ☆ | ☆ | ☆ | ★ | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ★ | | ☆ | | ☆ | | | | | ☆ | | 13.8 | 10.3 | 3.90 | 0.9 |

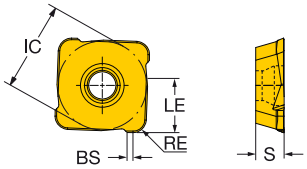
I48 I154 I175 N23 N10

# CoroMill® 490 freeswisselplaat

**Moderne snijmaterialen**

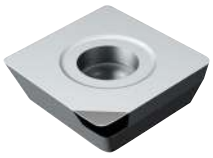
KRINS 90°

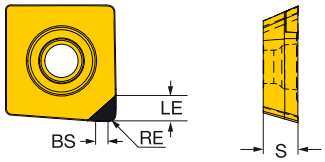





| | | | RE | Bestelnummer | K 6190 | H 6190 | Afmetingen, mm IC | LE | S | BS |
|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | PO | 14 | 2.00 | 490R-140420E | ★ | ☆ | 13.8 | 5.0 | 3.90 | 0.8 |
| | | | 2.00 | 490R-140408E | ★ | | 13.8 | 5.0 | 3.90 | 0.8 |

KRINS 90°






| | | | RE | Bestelnummer | K CB50 | H CB50 | Afmetingen, mm IC | LE | S | BS |
|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | PO | 14 | 0.80 | 490R-140408E | ☆ | ★ | 13.8 | 2.0 | 3.90 | 1.5 |

I48 I154 I175 N23 N10



SANDVIK Coromant

# CoroMill® 390

## Veelzijdige hoekfrezen met mogelijkheid om hellend te frezen voor gemengde productie

### Toepassing

- Frezen van opstaande kanten
- Meerstaps hoekfrezen
- Draai-frezen
- Diep frezen van opstaande kanten
- Frezen van kanten
- Uitkameren
- Lineair en spiraalvormig hellend frezen

### ISO toepassingsgebied:

P M K N S H



### Voordelen en kenmerken

- Nauwe toleranties, voor een uitstekende oppervlakte-afwerking en minimale overlap
- Grote snedediepte en hellend frezen mogelijk
- Overmaatse diameter voor vrijloop is leverbaar
- Geïntegreerde dempingstechnologie Silent Tools™ voor een verbeterd verspaningsvolume en oppervlakteafwerking
- Leverbaar in een kortere uitvoering voor draaicentra
- Inwendige koeling op de meeste frezen

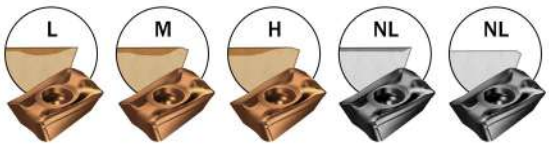
www.sandvik.coromant.com/coromill390

### Freesbody's

- Coromant Capto®
- Doorn
- Cilindrische schacht
- Weldon
- Coromant EH
- Draadkoppeling
- Versies leverbaar in zeer grote afmetingen op Coromant Capto® -frezen, doorn en Coromant EH
- Kleine schachten op cilindrische frezen

### Wisselplaten

- Twee snijkanten
- Gecementeerd hardmetaal en PCD-hardmetaalsoorten
- De licht snijdende wisselplaatgeometrieën en hoogkwalitatieve hardmetaalsoorten van CoroMill zijn ontworpen voor lage snijkrachten en trillingsvrije bewerkingen voor betrouwbaar frezen in alle materialen.







Wijdvertand Dichtvertand Extra dichtvertand

Silent Tools gedempte freeslichamen verhogen de productiviteit bij lange uitsteeklengtes

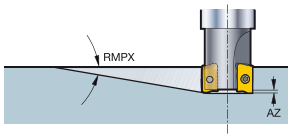


I58 I74 N6

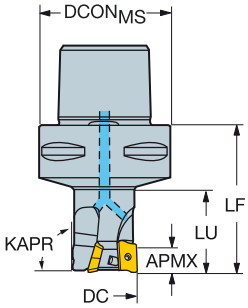
# CoroMill® 390 hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**






KAPR 90°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16.0 | 11 | C3 | 5.5 | 10.00 | 10° | 1.0 | 3 | 2 | | R390-016C3-11L050 | 32.0 | 50.0 | 25.0 | 1.2 | 0.28 | 39000 | 2 | R390-11.. |
| | 11 | C4 | 5.5 | 10.00 | 10° | 1.0 | 3 | 2 | | R390-016C4-11L | 40.0 | 50.0 | 25.0 | 1.2 | 0.41 | 39000 | 2 | R390-11.. |
| 20.0 | 11 | C3 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | | R390-020C3-11L050 | 32.0 | 50.0 | 25.0 | 1.2 | 0.29 | 34600 | 2 | R390-11.. |
| | 11 | C4 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | | R390-020C4-11L | 40.0 | 50.0 | 25.0 | 1.2 | 0.42 | 34600 | 2 | R390-11.. |
| | 11 | C3 | 5.5 | 10.00 | 5° | 1.0 | 3 | 3 | | R390-020C3-11M050 | 32.0 | 50.0 | 25.0 | 1.2 | 0.29 | 34600 | 3 | R390-11.. |
| | 11 | C5 | 5.5 | 10.00 | 5° | 1.0 | 3 | 3 | | R390-020C5-11M095 | 50.0 | 95.0 | 40.0 | 1.2 | 1.00 | 34600 | 3 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 5° | 1.0 | 3 | 3 | | R390-020C6-11M110 | 63.0 | 110.0 | 40.0 | 1.2 | 1.75 | 34600 | 3 | R390-11.. |
| 25.0 | 11 | C3 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | | R390-025C3-11L050 | 32.0 | 50.0 | 32.0 | 1.2 | 0.31 | 36500 | 2 | R390-11.. |
| | 11 | C4 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | | R390-025C4-11L | 40.0 | 55.0 | 32.0 | 1.2 | 0.42 | 36500 | 2 | R390-11.. |
| | 11 | C3 | 5.5 | 10.00 | 5° | 1.0 | 3 | 3 | | R390-025C3-11M050 | 32.0 | 50.0 | 32.0 | 1.2 | 0.28 | 36500 | 3 | R390-11.. |
| | 11 | C4 | 5.5 | 10.00 | 5° | 1.0 | 3 | 3 | | R390-025C4-11M | 40.0 | 55.0 | 32.0 | 1.2 | 0.44 | 36500 | 3 | R390-11.. |
| | 11 | C5 | 5.5 | 10.00 | 5° | 1.0 | 3 | 3 | | R390-025C5-11M095 | 50.0 | 95.0 | 45.0 | 1.2 | 1.06 | 36500 | 3 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 5° | 1.0 | 3 | 3 | | R390-025C6-11M110 | 63.0 | 110.0 | 45.0 | 1.2 | 1.60 | 36500 | 3 | R390-11.. |
| 32.0 | 11 | C3 | 5.5 | 10.00 | 3° | 1.0 | 3 | | 2 | R390-032C3-11L050 | 32.0 | 50.0 | 35.0 | 1.2 | 0.38 | 31000 | 2 | R390-11.. |
| | 11 | C3 | 5.5 | 10.00 | 3° | 1.0 | 3 | | 3 | R390-032C3-11M050 | 32.0 | 50.0 | 35.0 | 1.2 | 0.38 | 31000 | 3 | R390-11.. |
| | 11 | C4 | 5.5 | 10.00 | 3° | 1.0 | 3 | | 3 | R390-032C4-11M | 40.0 | 65.0 | 40.0 | 1.2 | 0.52 | 31000 | 3 | R390-11.. |
| | 11 | C5 | 5.5 | 10.00 | 3° | 1.0 | 3 | | 3 | R390-032C5-11M | 50.0 | 65.0 | 40.0 | 1.2 | 0.88 | 31000 | 3 | R390-11.. |
| | 11 | C5 | 5.5 | 10.00 | 3° | 1.0 | 3 | | 3 | R390-032C5-11M095 | 50.0 | 95.0 | 50.0 | 1.2 | 1.10 | 31000 | 3 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 3° | 1.0 | 3 | 3 | | R390-032C6-11M080 | 63.0 | 80.0 | 40.0 | 1.2 | 1.52 | 31000 | 3 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 3° | 1.0 | 3 | | 3 | R390-032C6-11M110 | 63.0 | 110.0 | 50.0 | 1.2 | 1.81 | 31000 | 3 | R390-11.. |
| 36.0 | 11 | C3 | 5.5 | 10.00 | 2° | 1.0 | 3 | 3 | | R390-036C3-11M050 | 32.0 | 50.0 | | 1.2 | 0.38 | 29000 | 3 | R390-11.. |
| | 11 | C3 | 5.5 | 10.00 | 2° | 1.0 | 3 | 3 | | R390-036C3-11M075 | 32.0 | 75.0 | | 1.2 | 0.54 | 29000 | 3 | R390-11.. |
| 40.0 | 11 | C4 | 5.5 | 10.00 | 2° | 1.0 | 3 | | 4 | R390-040C4-11M | 40.0 | 70.0 | 70.0 | 1.2 | 0.82 | 27000 | 4 | R390-11.. |
| | 11 | C5 | 5.5 | 10.00 | 2° | 1.0 | 3 | | 4 | R390-040C5-11M | 50.0 | 75.0 | 50.0 | 1.2 | 1.05 | 27000 | 4 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 2° | 1.0 | 3 | 4 | | R390-040C6-11M080 | 63.0 | 80.0 | 40.0 | 1.2 | 1.20 | 27000 | 4 | R390-11.. |
| | 11 | C4 | 5.5 | 10.00 | 2° | 1.0 | 3 | | 6 | R390-040C4-11H | 40.0 | 70.0 | 50.0 | 1.2 | 0.56 | 27000 | 6 | R390-11.. |
| | 11 | C5 | 5.5 | 10.00 | 2° | 1.0 | 3 | | 6 | R390-040C5-11H | 50.0 | 75.0 | 50.0 | 1.2 | 1.07 | 27000 | 6 | R390-11.. |
| | 18 | C4 | 1.1 | 15.40 | 6° | 0.0 | 3 | 3 | | R390-040C4-18M060 | 40.0 | 60.0 | 40.0 | 3.0 | 0.48 | 9200 | 3 | R390-18.. |
| | 18 | C5 | 1.1 | 15.40 | 6° | 0.0 | 3 | 3 | | R390-040C5-18M080 | 50.0 | 80.0 | 40.0 | 3.0 | 1.13 | 9200 | 3 | R390-18.. |
| | 18 | C6 | 1.1 | 15.40 | 6° | 0.0 | 3 | 3 | | R390-040C6-18M100 | 63.0 | 100.0 | 50.0 | 3.0 | 1.91 | 9200 | 3 | R390-18.. |
| 44.0 | 11 | C4 | 5.5 | 10.00 | 1° | 1.0 | 3 | 4 | | R390-044C4-11M060 | 40.0 | 60.0 | | 1.2 | 0.77 | 25600 | 4 | R390-11.. |
| | 11 | C4 | 5.5 | 10.00 | 1° | 1.0 | 3 | 4 | | R390-044C4-11M075 | 40.0 | 75.0 | | 1.2 | 0.88 | 25600 | 4 | R390-11.. |
| | 18 | C4 | 1.1 | 15.40 | 6° | 0.0 | 3 | 2 | | R390-044C4-18L080 | 40.0 | 80.0 | | 3.0 | 1.10 | 8600 | 2 | R390-18.. |
| | 18 | C4 | 1.1 | 15.40 | 6° | 0.0 | 3 | 3 | | R390-044C4-18M060 | 40.0 | 60.0 | | 3.0 | 0.80 | 8600 | 3 | R390-18.. |
| | 18 | C4 | 1.1 | 15.40 | 6° | 0.0 | 3 | 3 | | R390-044C4-18M080 | 40.0 | 80.0 | | 3.0 | 1.00 | 8600 | 3 | R390-18.. |
| 50.0 | 11 | C5 | 5.5 | 10.00 | 1° | 1.0 | 3 | 5 | | R390-050C5-11M060 | 50.0 | 60.0 | 40.0 | 1.2 | 1.08 | 23700 | 5 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 1° | 1.0 | 3 | 5 | | R390-050C6-11M080 | 63.0 | 80.0 | 40.0 | 1.2 | 1.82 | 23700 | 5 | R390-11.. |
| | 18 | C5 | 1.1 | 15.40 | 5° | 0.0 | 3 | 4 | | R390-050C5-18M060 | 50.0 | 60.0 | 40.0 | 3.0 | 1.08 | 7900 | 4 | R390-18.. |
| | 18 | C6 | 1.1 | 15.40 | 5° | 0.0 | 3 | 4 | | R390-050C6-18M080 | 63.0 | 80.0 | 40.0 | 3.0 | 1.85 | 7900 | 4 | R390-18.. |
| 54.0 | 11 | C5 | 5.5 | 10.00 | 1° | 1.0 | 3 | 5 | | R390-054C5-11M060 | 50.0 | 60.0 | | 1.2 | 1.09 | 22700 | 5 | R390-11.. |
| | 11 | C5 | 5.5 | 10.00 | 1° | 1.0 | 3 | 5 | | R390-054C5-11M080 | 50.0 | 80.0 | | 1.2 | 1.60 | 22700 | 5 | R390-11.. |
| | 18 | C5 | 1.1 | 15.40 | 5° | 0.0 | 3 | 4 | | R390-054C5-18M060 | 50.0 | 60.0 | | 3.0 | 1.28 | 7500 | 4 | R390-18.. |
| | 18 | C5 | 1.1 | 15.40 | 5° | 0.0 | 3 | 4 | | R390-054C5-18M080 | 50.0 | 80.0 | | 3.0 | 1.58 | 7500 | 4 | R390-18.. |
| 63.0 | 11 | C5 | 5.5 | 10.00 | 1° | 1.0 | 3 | 6 | | R390-063C5-11M060 | 50.0 | 60.0 | | 1.2 | 1.53 | 20700 | 6 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 1° | 1.0 | 3 | 6 | | R390-063C6-11M080 | 63.0 | 80.0 | 40.0 | 1.2 | 2.25 | 20700 | 6 | R390-11.. |
| | 18 | C5 | 1.1 | 15.40 | 4° | 0.0 | 3 | 5 | | R390-063C5-18M060 | 50.0 | 60.0 | | 3.0 | 1.45 | 6800 | 5 | R390-18.. |
| | 18 | C6 | 1.1 | 15.40 | 4° | 0.0 | 3 | 5 | | R390-063C6-18M060 | 63.0 | 60.0 | 38.0 | 3.0 | 1.81 | 6800 | 5 | R390-18.. |

I74 L2 N23 N6 N9 N15

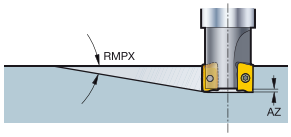


SANDVIK Coromant

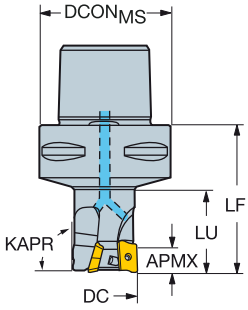
# CoroMill® 390 hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**






KAPR 90°




| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66.0 | 11 | C6 | 5.5 | 10.00 | 1° | 1.0 | 3 | 6 | R390-066C6-11M060 | 63.0 | 60.0 | | 1.2 | 1.88 | 20200 | 6 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 1° | 1.0 | 3 | 6 | R390-066C6-11M080 | 63.0 | 80.0 | | 1.2 | 2.30 | 20200 | 6 | R390-11.. |
| | 18 | C6 | 1.1 | 15.40 | 3° | 0.0 | 3 | 5 | R390-066C6-18M060 | 63.0 | 60.0 | | 3.0 | 1.83 | 6700 | 5 | R390-18.. |
| | 18 | C6 | 1.1 | 15.40 | 3° | 0.0 | 3 | 5 | R390-066C6-18M080 | 63.0 | 80.0 | | 3.0 | 2.25 | 6700 | 5 | R390-18.. |
| 80.0 | 11 | C6 | 5.5 | 10.00 | 0° | 1.0 | 3 | 7 | R390-080C6-11M060 | 63.0 | 60.0 | | 1.2 | 2.14 | 18200 | 7 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 0° | 1.0 | 3 | 7 | R390-080C6-11M080 | 63.0 | 80.0 | | 1.2 | 2.71 | 18200 | 7 | R390-11.. |
| | 18 | C6 | 1.1 | 15.40 | 3° | 0.0 | 3 | 6 | R390-080C6-18M060 | 63.0 | 60.0 | | 3.0 | 1.80 | 5900 | 6 | R390-18.. |
| 84.0 | 18 | C8 | 1.1 | 15.40 | 2° | 0.0 | 3 | 6 | R390-084C8-18M070 | 80.0 | 70.0 | | 3.0 | 3.39 | 5800 | 6 | R390-18.. |
| | 18 | C8 | 1.1 | 15.40 | 2° | 0.0 | 3 | 6 | R390-084C8-18M100 | 80.0 | 100.0 | | 3.0 | 4.50 | 5800 | 6 | R390-18.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 16.00-20.00 | 11 | 5513 020-36 |
| 25.00-80.00 | 11 | 5513 020-35 |
| 40.00-84.00 | 18 | 5513 020-29 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

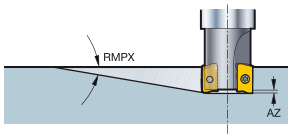
I74 L2 N23 N6 N9 N15

# CoroMill® 390 hoekfrees

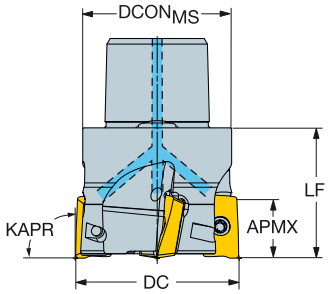
**Coromant Capto® - inwendige koelmiddeltoevoer**

**Korte uitvoering zonder bevestigingsgroeven**






KAPR 90°




| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44.0 | 11 | C4 | 5.5 | 10.00 | 1° | 1.0 | 3 | 4 | **R390-044C4T-11H** | 40.0 | 35.0 | 1.2 | 0.40 | 25600 | 4 | R390-11.. |
| | 17 | C4 | 8.5 | 15.70 | 3° | 1.5 | 3 | 4 | **R390-044C4T-17M** | 40.0 | 35.0 | 3.0 | 0.35 | 20600 | 4 | R390-17.. |
| 54.0 | 11 | C5 | 5.5 | 10.00 | 1° | 1.0 | 3 | 5 | **R390-054C5T-11H** | 50.0 | 35.0 | 1.2 | 0.62 | 22700 | 5 | R390-11.. |
| | 17 | C5 | 8.5 | 15.70 | 2° | 1.5 | 3 | 5 | **R390-054C5T-17M** | 50.0 | 35.0 | 3.0 | 0.94 | 18200 | 5 | R390-17.. |

Opmerking: Alleen voor segment klemming

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 11 | 5513 020-35 |
| 17 | 5513 020-39 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 N23 N6 N9 N15



SANDVIK Coromant

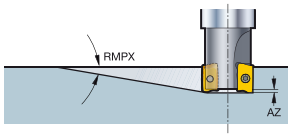
# CoroMill® 390 hoekfrees

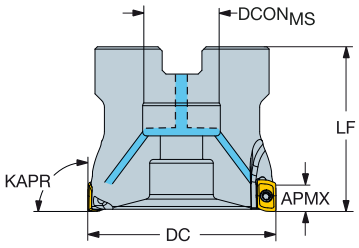
**Doornbevestiging - inwendige koelvloeistoftoevoer**

**Lichtgewicht hoekfrees**

STDNO ISO6462
KAPR 90°






| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ISO | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 11 | 16 | 5.5 | 10.00 | 2° | 1.0 | 1 | 3 | **R390-040Q16LW-11L** | 16.0 | A | 30.0 | 1.2 | 0.05 | 10000 | 3 | R390-11.. |
| | 11 | 16 | 5.5 | 10.00 | 2° | 1.0 | 1 | 4 | **R390-040Q16LW-11M** | 16.0 | A | 30.0 | 1.2 | 0.05 | 10000 | 4 | R390-11.. |
| 50.0 | 11 | 22 | 5.5 | 10.00 | 1° | 1.0 | 1 | 3 | **R390-050Q22LW-11L** | 22.0 | A | 30.0 | 1.2 | 0.07 | 10000 | 3 | R390-11.. |
| | 11 | 22 | 5.5 | 10.00 | 1° | 1.0 | 1 | 4 | **R390-050Q22LW-11M** | 22.0 | A | 30.0 | 1.2 | 0.07 | 10000 | 4 | R390-11.. |

| | | Reserve onderdelen | |
|---|---|---|---|
| DC | | Wisselplaat-schroef | Schroef |
| 40.00 | 11 | 5513 020-35 | 3213 010-412 |
| 50.00 | 11 | 5513 020-35 | 3213 010-461 |

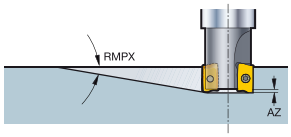
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I74 L2 M1 N23 N6 N9 N15

# CoroMill® 390 hoekfrees

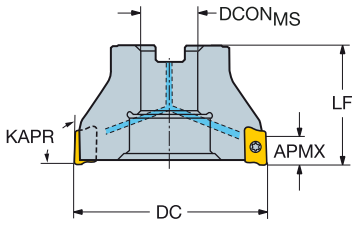
**Doornbevestiging - inwendige koelvloeistoftoevoer**






STDNO
KAPR

ISO 6462
90°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 07 | 16 | 2.0 | 5.80 | 0° | 0.5 | 1 | | 7 | R390-040Q16-07M | 16.0 | A | 35.0 | 0.5 | 0.20 | 21500 | 7 | 390R-07.. |
| | 07 | 16 | 2.0 | 5.80 | 0° | 0.5 | 1 | | 10 | R390-040Q16-07H | 16.0 | A | 35.0 | 0.5 | 0.20 | 21500 | 10 | 390R-07.. |
| | 11 | 16 | 5.5 | 10.00 | 2° | 1.0 | 1 | | 4 | R390-040Q16-11M | 16.0 | A | 40.0 | 1.2 | 0.44 | 27000 | 4 | R390-11.. |
| | 11 | 16 | 5.5 | 10.00 | 2° | 1.0 | 1 | | 6 | R390-040Q16-11H | 16.0 | A | 40.0 | 1.2 | 0.50 | 27000 | 6 | R390-11.. |
| | 17 | 16 | 8.5 | 15.70 | 3° | 1.5 | 1 | 2 | | R390-040Q16-17L | 16.0 | A | 40.0 | 3.0 | 0.38 | 21900 | 2 | R390-17.. |
| | 17 | 16 | 8.5 | 15.70 | 3° | 1.5 | 1 | | 3 | R390-040Q16-17M | 16.0 | A | 40.0 | 3.0 | 0.46 | 21900 | 3 | R390-17.. |
| | 17 | 16 | 8.5 | 15.70 | 3° | 1.5 | 1 | 4 | | R390-040Q16-17H | 16.0 | A | 40.0 | 3.0 | 0.20 | 21900 | 4 | R390-17.. |
| 44.0 | 11 | 16 | 5.5 | 10.00 | 1° | 1.0 | 1 | | 4 | R390-044Q16-11M | 16.0 | A | 40.0 | 1.2 | 0.20 | 25600 | 4 | R390-11.. |
| | 17 | 16 | 8.5 | 15.70 | 3° | 1.5 | 1 | | 3 | R390-044Q16-17M | 16.0 | A | 40.0 | 3.0 | 0.20 | 20600 | 3 | R390-17.. |
| 50.0 | 11 | 22 | 5.5 | 10.00 | 1° | 1.0 | 1 | | 5 | R390-050Q22-11M | 22.0 | A | 40.0 | 1.2 | 0.35 | 23700 | 5 | R390-11.. |
| | 11 | 22 | 5.5 | 10.00 | 1° | 1.0 | 1 | | 7 | R390-050Q22-11H | 22.0 | A | 40.0 | 1.2 | 0.38 | 23700 | 7 | R390-11.. |
| | 17 | 22 | 8.5 | 15.70 | 2° | 1.5 | 1 | | 3 | R390-050Q22-17L | 22.0 | A | 40.0 | 3.0 | 0.35 | 19000 | 3 | R390-17.. |
| | 17 | 22 | 8.5 | 15.70 | 2° | 1.5 | 1 | | 4 | R390-050Q22-17M | 22.0 | A | 40.0 | 3.0 | 0.32 | 19000 | 4 | R390-17.. |
| | 17 | 22 | 8.5 | 15.70 | 2° | 1.5 | 1 | | 5 | R390-050Q22-17H | 22.0 | A | 40.0 | 3.0 | 0.30 | 19000 | 5 | R390-17.. |
| | 18 | 22 | 1.1 | 15.40 | 5° | 0.0 | 1 | | 3 | R390-050Q22-18L | 22.0 | A | 40.0 | 3.0 | 0.59 | 7900 | 3 | R390-18.. |
| | 18 | 22 | 1.1 | 15.40 | 5° | 0.0 | 1 | | 4 | R390-050Q22-18M | 22.0 | A | 40.0 | 3.0 | 0.58 | 7900 | 4 | R390-18.. |
| | 18 | 22 | 1.1 | 15.40 | 5° | 0.0 | 1 | 5 | | R390-050Q22-18H | 22.0 | A | 40.0 | 3.0 | 0.30 | 7900 | 5 | R390-18.. |
| 54.0 | 11 | 22 | 5.5 | 10.00 | 1° | 1.0 | 1 | | 5 | R390-054Q22-11M | 22.0 | A | 40.0 | 1.2 | 0.39 | 22600 | 5 | R390-11.. |
| | 17 | 22 | 8.5 | 15.70 | 2° | 1.5 | 1 | | 4 | R390-054Q22-17M | 22.0 | A | 40.0 | 3.0 | 0.37 | 18200 | 4 | R390-17.. |
| | 18 | 22 | 1.1 | 15.40 | 5° | 0.0 | 1 | | 4 | R390-054Q22-18M | 22.0 | A | 40.0 | 3.0 | 0.30 | 7500 | 4 | R390-18.. |
| 63.0 | 11 | 22 | 5.5 | 10.00 | 1° | 1.0 | 1 | | 6 | R390-063Q22-11M | 22.0 | A | 40.0 | 1.2 | 0.68 | 20700 | 6 | R390-11.. |
| | 11 | 22 | 5.5 | 10.00 | 1° | 1.0 | 1 | | 8 | R390-063Q22-11H | 22.0 | A | 40.0 | 1.2 | 0.48 | 20700 | 8 | R390-11.. |
| | 17 | 22 | 8.5 | 15.70 | 2° | 1.5 | 1 | | 4 | R390-063Q22-17L | 22.0 | A | 40.0 | 3.0 | 0.50 | 16500 | 4 | R390-17.. |
| | 17 | 22 | 8.5 | 15.70 | 2° | 1.5 | 1 | | 5 | R390-063Q22-17M | 22.0 | A | 40.0 | 3.0 | 0.48 | 16500 | 5 | R390-17.. |
| | 17 | 22 | 8.5 | 15.70 | 2° | 1.5 | 1 | | 6 | R390-063Q22-17H | 22.0 | A | 40.0 | 3.0 | 0.68 | 16500 | 6 | R390-17.. |
| | 18 | 22 | 1.1 | 15.40 | 4° | 0.0 | 1 | | 4 | R390-063Q22-18L | 22.0 | A | 40.0 | 3.0 | 0.81 | 6800 | 4 | R390-18.. |
| | 18 | 22 | 1.1 | 15.40 | 4° | 0.0 | 1 | | 5 | R390-063Q22-18M | 22.0 | A | 40.0 | 3.0 | 0.70 | 6800 | 5 | R390-18.. |
| | 18 | 22 | 1.1 | 15.40 | 4° | 0.0 | 1 | 6 | | R390-063Q22-18H | 22.0 | A | 40.0 | 3.0 | 0.70 | 6800 | 6 | R390-18.. |
| 66.0 | 11 | 22 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 6 | R390-066Q22-11M | 22.0 | A | 40.0 | 1.2 | 0.72 | 20200 | 6 | R390-11.. |
| | 17 | 22 | 8.5 | 15.70 | 1° | 1.5 | 1 | | 5 | R390-066Q22-17M | 22.0 | A | 40.0 | 3.0 | 0.50 | 16100 | 5 | R390-17.. |
| | 18 | 22 | 1.1 | 15.40 | 3° | 0.0 | 1 | | 6 | R390-066Q22-18M | 22.0 | A | 40.0 | 3.0 | 0.71 | 6700 | 5 | R390-18.. |
| 80.0 | 11 | 27 | 5.5 | 10.00 | 0° | 1.0 | 1 | | 7 | R390-080Q27-11M | 27.0 | A | 50.0 | 1.2 | 1.08 | 18200 | 7 | R390-11.. |
| | 11 | 27 | 5.5 | 10.00 | 0° | 1.0 | 1 | | 10 | R390-080Q27-11H | 27.0 | A | 50.0 | 1.2 | 0.72 | 18200 | 10 | R390-11.. |
| | 17 | 27 | 8.5 | 15.70 | 1° | 1.5 | 1 | | 4 | R390-080Q27-17L | 27.0 | A | 50.0 | 3.0 | 1.06 | 14400 | 4 | R390-17.. |
| | 17 | 27 | 8.5 | 15.70 | 1° | 1.5 | 1 | | 6 | R390-080Q27-17M | 27.0 | A | 50.0 | 3.0 | 0.96 | 14400 | 6 | R390-17.. |
| | 17 | 27 | 8.5 | 15.70 | 1° | 1.5 | 1 | | 8 | R390-080Q27-17H | 27.0 | A | 50.0 | 3.0 | 0.94 | 14400 | 8 | R390-17.. |
| | 18 | 27 | 1.1 | 15.40 | 3° | 0.0 | 1 | | 4 | R390-080Q27-18L | 27.0 | A | 50.0 | 3.0 | 1.05 | 5900 | 4 | R390-18.. |
| | 18 | 27 | 1.1 | 15.40 | 3° | 0.0 | 1 | | 6 | R390-080Q27-18M | 27.0 | A | 50.0 | 3.0 | 1.00 | 5900 | 6 | R390-18.. |
| 84.0 | 11 | 27 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 7 | R390-084Q27-11M | 27.0 | A | 50.0 | 1.2 | 1.41 | 17700 | 7 | R390-11.. |
| | 17 | 27 | 8.5 | 15.70 | 1° | 1.5 | 1 | | 6 | R390-084Q27-17M | 27.0 | A | 50.0 | 3.0 | 1.07 | 14100 | 6 | R390-17.. |
| | 18 | 27 | 1.1 | 15.40 | 3° | 0.0 | 1 | | 6 | R390-084Q27-18M | 27.0 | A | 50.0 | 3.0 | 1.25 | 5800 | 6 | R390-18.. |
| 100.0 | 17 | 32 | 8.5 | 15.70 | 0° | 1.5 | 1 | | 5 | R390-100Q32-17L | 32.0 | B | 50.0 | 3.0 | 1.77 | 12700 | 5 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 0° | 1.5 | 1 | | 7 | R390-100Q32-17M | 32.0 | B | 50.0 | 3.0 | 1.73 | 12700 | 7 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 0° | 1.5 | 1 | | 9 | R390-100Q32-17H | 32.0 | B | 50.0 | 3.0 | 1.57 | 12700 | 9 | R390-17.. |
| | 18 | 32 | 1.1 | 15.40 | 2° | 0.0 | 1 | | 5 | R390-100Q32-18L | 32.0 | B | 50.0 | 3.0 | 1.83 | 5200 | 5 | R390-18.. |
| | 18 | 32 | 1.1 | 15.40 | 2° | 0.0 | 1 | | 7 | R390-100Q32-18M | 32.0 | B | 50.0 | 3.0 | 1.75 | 5200 | 7 | R390-18.. |
| 125.0 | 17 | 40 | 8.5 | 15.70 | 0° | 1.5 | 1 | | 6 | R390-125Q40-17L | 40.0 | B | 63.0 | 3.0 | 2.71 | 11200 | 6 | R390-17.. |
| | 17 | 40 | 8.5 | 15.70 | 0° | 1.5 | 1 | | 8 | R390-125Q40-17M | 40.0 | B | 63.0 | 3.0 | 2.70 | 11200 | 8 | R390-17.. |
| | 17 | 40 | 8.5 | 15.70 | 0° | 1.5 | 1 | | 11 | R390-125Q40-17H | 40.0 | B | 63.0 | 3.0 | 2.74 | 11200 | 11 | R390-17.. |
| | 18 | 40 | 1.1 | 15.40 | 1° | 0.0 | 1 | | 6 | R390-125Q40-18L | 40.0 | B | 63.0 | 3.0 | 2.72 | 4600 | 6 | R390-18.. |
| | 18 | 40 | 1.1 | 15.40 | 1° | 0.0 | 1 | | 8 | R390-125Q40-18M | 40.0 | B | 63.0 | 3.0 | 2.76 | 4600 | 8 | R390-18.. |

I74 L2 M1 N23 N6 N9 N15

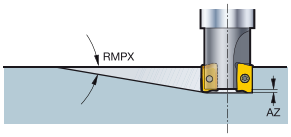


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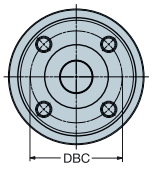
# CoroMill® 390 hoekfrees

**Doorn**

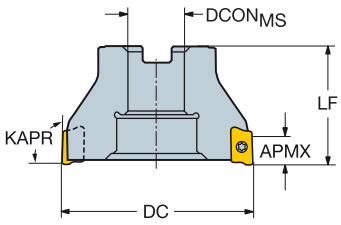





STDNO
KAPR




ISO6462
90°




| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ISO | DBC | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 160.0 | 18 | 40S | 1.1 | 15.40 | 1° | 0.0 | 0 | 8 | **R390-160Q40-18L** | 40.0 | C | 66.7 | 63.0 | 3.0 | 3.33 | 4000 | 8 | R390-18.. |
| | 18 | 40S | 1.1 | 15.40 | 1° | 0.0 | 0 | 12 | **R390-160Q40-18M** | 40.0 | C | 66.7 | 63.0 | 3.0 | 4.00 | 4000 | 12 | R390-18.. |
| 200.0 | 18 | 60 | 1.1 | 15.40 | 1° | 0.0 | 0 | 10 | **R390-200Q60-18L** | 60.0 | C | 101.6 | 63.0 | 3.0 | 5.38 | 3600 | 10 | R390-18.. |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 07 | 5513 020-82 |
| 11 | 5513 020-35 |
| 17 | 5513 020-39 |
| 18 | 5513 020-29 |

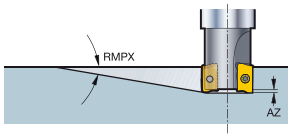
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I74 L2 M1 N23 N6 N9

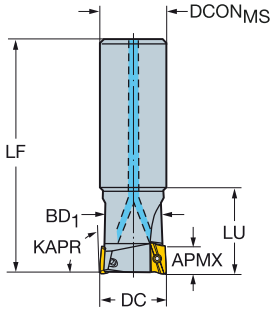
# CoroMill® 390 hoekfrees

**Cilindrische schacht - interne koelmiddeltoevoer**






KAPR 90°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | BD1 | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.7 | 07 | 10 | 2.0 | 5.80 | 7° | 0.5 | 1 | 2 | | R390-0097A10-07L | 10.0 | 9.2 | 60.0 | 15.0 | 0.5 | 0.07 | 55600 | 2 | 390R-07.. |
| 10.0 | 07 | 9 | 2.0 | 5.80 | 7° | 0.5 | 1 | 2 | | R390-010A09L-07L | 9.0 | 9.3 | 100.0 | | 0.5 | 0.08 | 54100 | 2 | 390R-07.. |
| | 07 | 10 | 2.0 | 5.80 | 7° | 0.5 | 1 | 2 | | R390-010A10-07L | 10.0 | 9.3 | 60.0 | 15.0 | 0.5 | 0.07 | 54100 | 2 | 390R-07.. |
| 11.7 | 07 | 12 | 2.0 | 5.80 | 5° | 0.5 | 1 | 2 | | R390-0117A12-07L | 12.0 | 11.0 | 70.0 | 15.0 | 0.5 | 0.09 | 47400 | 2 | 390R-07.. |
| | 07 | 12 | 2.0 | 5.80 | 5° | 0.5 | 1 | | 3 | R390-0117A12-07M | 12.0 | 11.0 | 70.0 | 15.0 | 0.5 | 0.09 | 47400 | 3 | 390R-07.. |
| 12.0 | 07 | 10 | 2.0 | 5.80 | 5° | 0.5 | 1 | 2 | | R390-012A10L-07L | 10.0 | 11.3 | 120.0 | | 0.5 | 0.11 | 46500 | 2 | 390R-07.. |
| | 07 | 12 | 2.0 | 5.80 | 5° | 0.5 | 1 | 2 | | R390-012A12-07L | 12.0 | 11.3 | 70.0 | 18.0 | 0.5 | 0.09 | 46500 | 2 | 390R-07.. |
| | 07 | 12 | 2.0 | 5.80 | 5° | 0.5 | 1 | | 3 | R390-012A12-07M | 12.0 | 11.3 | 70.0 | 18.0 | 0.5 | 0.09 | 46500 | 3 | 390R-07.. |
| | 11 | 16 | 5.5 | 10.00 | 6° | 1.0 | 1 | 1 | | R390-012A16-11L | 16.0 | | 95.0 | 17.2 | 1.2 | 0.24 | 68600 | 1 | R390-11.. |
| 13.7 | 07 | 14 | 2.0 | 5.80 | 3° | 0.5 | 1 | 2 | | R390-0137A14-07L | 14.0 | 12.9 | 80.0 | 15.0 | 0.5 | 0.12 | 42000 | 2 | 390R-07.. |
| | 07 | 14 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-0137A14-07M | 14.0 | 12.9 | 80.0 | 15.0 | 0.5 | 0.12 | 42000 | 3 | 390R-07.. |
| 14.0 | 07 | 12 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-014A12L-07M | 12.0 | 13.2 | 140.0 | | 0.5 | 0.16 | 33800 | 3 | 390R-07.. |
| | 07 | 14 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-014A14-07M | 14.0 | 13.2 | 80.0 | 20.0 | 0.5 | 0.12 | 41400 | 3 | 390R-07.. |
| 15.7 | 07 | 16 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-0157A16-07M | 16.0 | 14.7 | 90.0 | 18.0 | 0.5 | 0.16 | 38100 | 3 | 390R-07.. |
| 16.0 | 07 | 14 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-016A14L-07M | 14.0 | 15.0 | 160.0 | | 0.5 | 0.23 | 24100 | 3 | 390R-07.. |
| | 07 | 16 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-016A16-07M | 16.0 | 15.0 | 90.0 | 25.0 | 0.5 | 0.16 | 37600 | 3 | 390R-07.. |
| | 07 | 16 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 4 | R390-016A16-07H | 16.0 | 15.0 | 90.0 | 25.0 | 0.5 | 0.16 | 37600 | 4 | 390R-07.. |
| | 11 | 16 | 5.5 | 10.00 | 10° | 1.0 | 1 | 2 | | R390-016A16-11L | 16.0 | | 100.0 | 25.0 | 1.2 | 0.15 | 41500 | 2 | R390-11.. |
| | 11 | 16 | 5.5 | 10.00 | 10° | 1.0 | 1 | 2 | | R390-016A16L-11L | 16.0 | | 145.0 | 25.0 | 1.2 | 0.23 | 31000 | 2 | R390-11.. |
| 18.0 | 11 | 16 | 5.5 | 10.00 | 7° | 1.0 | 1 | 2 | | R390-018A16L-11L | 16.0 | | 145.0 | | 1.2 | 0.20 | 31000 | 2 | R390-11.. |
| 20.0 | 07 | 20 | 2.0 | 5.80 | 2° | 0.5 | 1 | | 4 | R390-020A20-07M | 20.0 | 19.0 | 110.0 | 25.0 | 0.5 | 0.29 | 32500 | 4 | 390R-07.. |
| | 07 | 20 | 2.0 | 5.80 | 2° | 0.5 | 1 | | 5 | R390-020A20-07H | 20.0 | 19.0 | 110.0 | 25.0 | 0.5 | 0.27 | 32500 | 5 | 390R-07.. |
| | 11 | 20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-020A20-11L | 20.0 | | 110.0 | 25.0 | 1.2 | 0.26 | 34600 | 2 | R390-11.. |
| | 11 | 20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-020A20L-11L | 20.0 | | 170.0 | 40.0 | 1.2 | 0.50 | 20300 | 2 | R390-11.. |
| | 11 | 20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | | R390-020A20-11M | 20.0 | | 110.0 | 25.0 | 1.2 | 0.34 | 34600 | 3 | R390-11.. |
| 22.0 | 11 | 20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-022A20L-11L | 20.0 | | 170.0 | | 1.2 | 0.41 | 20300 | 2 | R390-11.. |
| 25.0 | 07 | 25 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 5 | R390-025A25-07M | 25.0 | 24.0 | 120.0 | 32.0 | 0.5 | 0.46 | 28200 | 5 | 390R-07.. |
| | 07 | 25 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 7 | R390-025A25-07H | 25.0 | 24.0 | 120.0 | 32.0 | 0.5 | 0.47 | 28200 | 7 | 390R-07.. |
| | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-025A25-11L | 25.0 | | 120.0 | 32.0 | 1.2 | 0.54 | 36500 | 2 | R390-11.. |
| | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-025A25L-11L | 25.0 | | 210.0 | 50.0 | 1.2 | 0.83 | 11000 | 2 | R390-11.. |
| | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | | R390-025A25-11M | 25.0 | | 120.0 | 32.0 | 1.2 | 0.42 | 36500 | 3 | R390-11.. |
| | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 4 | | R390-025A25-11H | 25.0 | | 120.0 | 32.0 | 1.2 | 0.54 | 36500 | 4 | R390-11.. |
| | 17 | 25 | 8.5 | 15.70 | 15° | 1.5 | 1 | 2 | | R390-025A25-17L | 25.0 | | 120.0 | 32.0 | 3.0 | 0.50 | 30800 | 2 | R390-17.. |
| | 17 | 25 | 8.5 | 15.70 | 15° | 1.5 | 1 | 2 | | R390-025A25L-17L | 25.0 | | 210.0 | 50.0 | 3.0 | 0.84 | 11000 | 2 | R390-17.. |
| 30.0 | 11 | 25 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | | R390-030A25L-11L | 25.0 | | 210.0 | | 1.2 | 0.86 | 11000 | 2 | R390-11.. |
| 32.0 | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | | R390-032A32-11L | 32.0 | | 130.0 | 40.0 | 1.2 | 0.74 | 31000 | 2 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | | R390-032A32L-11L | 32.0 | | 250.0 | 65.0 | 1.2 | 1.66 | 7600 | 2 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 3 | R390-032A32-11M | 32.0 | | 130.0 | 40.0 | 1.2 | 0.82 | 31000 | 3 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 5 | R390-032A32-11H | 32.0 | | 130.0 | 40.0 | 1.2 | 0.79 | 31000 | 5 | R390-11.. |
| | 17 | 32 | 8.5 | 15.70 | 6° | 1.5 | 1 | 2 | | R390-032A32-17L | 32.0 | | 130.0 | 40.0 | 3.0 | 0.82 | 25600 | 2 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 6° | 1.5 | 1 | 2 | | R390-032A32L-17L | 32.0 | | 250.0 | 65.0 | 3.0 | 1.67 | 7600 | 2 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 6° | 1.5 | 1 | | 3 | R390-032A32-17M | 32.0 | | 130.0 | 40.0 | 3.0 | 0.81 | 25600 | 3 | R390-17.. |

I74 L2 N23 N6 N9 N15

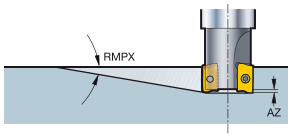


SANDVIK Coromant

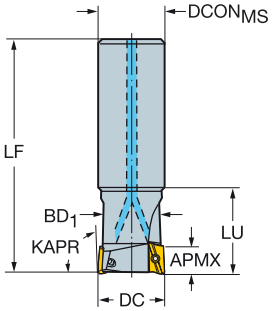
# CoroMill® 390 hoekfrees

**Cilindrische schacht - interne koelmiddeltoevoer**






KAPR 90°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | BD1 | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 11 | 32 | 5.5 | 10.00 | 2° | 1.0 | 1 | 2 | | R390-040A32-11L | 32.0 | | 170.0 | | 1.2 | 1.19 | 27000 | 2 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 2° | 1.0 | 1 | 2 | | R390-040A32L-11L | 32.0 | | 250.0 | | 1.2 | 1.82 | 7600 | 2 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 2° | 1.0 | 1 | | 4 | R390-040A32-11M | 32.0 | | 170.0 | | 1.2 | 1.16 | 27000 | 4 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 2° | 1.0 | 1 | | 6 | R390-040A32-11H | 32.0 | | 170.0 | | 1.2 | 1.19 | 27000 | 6 | R390-11.. |
| | 17 | 32 | 8.5 | 15.70 | 3° | 1.5 | 1 | 2 | | R390-040A32-17L | 32.0 | | 170.0 | | 3.0 | 1.19 | 21900 | 2 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 3° | 1.5 | 1 | 2 | | R390-040A32L-17L | 32.0 | | 250.0 | | 3.0 | 1.84 | 7600 | 2 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 3° | 1.5 | 1 | | 3 | R390-040A32-17M | 32.0 | | 170.0 | | 3.0 | 1.14 | 21900 | 3 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 3° | 1.5 | 1 | 4 | | R390-040A32-17H | 32.0 | | 170.0 | | 3.0 | 1.14 | 21900 | 4 | R390-17.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 10.00-25.00 | 07 | 5513 020-82 |
| 12.00-22.00 | 11 | 5513 020-36 |
| 25.00-40.00 | 11 | 5513 020-35 |
| 25.00 | 17 | 5513 020-37 |
| 32.00-40.00 | 17 | 5513 020-39 |

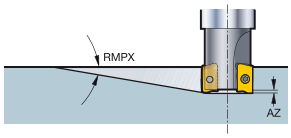
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 N23 N6 N9 N15

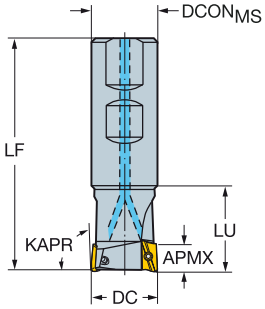
# CoroMill® 390 hoekfrees

**Weldon - inwendige koelvloeistoftoevoer**






KAPR 90°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12.0 | 11 | 16 | 5.5 | 10.00 | 6° | 1.0 | 1 | 1 | | R390-012B16-11L | 16.0 | WE | 68.0 | 17.2 | 1.2 | 0.18 | 68600 | 1 | R390-11.. |
| 16.0 | 11 | 16 | 5.5 | 10.00 | 10° | 1.0 | 1 | 2 | | R390-016B16-11L | 16.0 | WE | 73.0 | 25.0 | 1.2 | 0.11 | 41500 | 2 | R390-11.. |
| 20.0 | 11 | 20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-020B20-11L | 20.0 | WE | 81.0 | 25.0 | 1.2 | 0.19 | 34600 | 2 | R390-11.. |
| | 11 | 20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | | R390-020B20-11M | 20.0 | WE | 81.0 | 25.0 | 1.2 | 0.29 | 34600 | 3 | R390-11.. |
| 25.0 | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-025B25-11L | 25.0 | WE | 88.0 | 32.0 | 1.2 | 0.41 | 36500 | 2 | R390-11.. |
| | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | | R390-025B25-11M | 25.0 | WE | 88.0 | 32.0 | 1.2 | 0.38 | 36500 | 3 | R390-11.. |
| | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 4 | | R390-025B25-11H | 25.0 | WE | 88.0 | 32.0 | 1.2 | 0.38 | 36500 | 4 | R390-11.. |
| | 17 | 25 | 8.5 | 15.70 | 15° | 1.5 | 1 | 2 | | R390-025B25-17L | 25.0 | WE | 88.0 | 32.0 | 3.0 | 0.41 | 30800 | 2 | R390-17.. |
| 32.0 | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | | R390-032B32-11L | 32.0 | WE | 100.0 | 40.0 | 1.2 | 0.65 | 31000 | 2 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 3 | R390-032B32-11M | 32.0 | WE | 100.0 | 40.0 | 1.2 | 0.68 | 31000 | 3 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 5 | R390-032B32-11H | 32.0 | WE | 100.0 | 40.0 | 1.2 | 0.65 | 31000 | 5 | R390-11.. |
| | 17 | 32 | 8.5 | 15.70 | 6° | 1.5 | 1 | 2 | | R390-032B32-17L | 32.0 | WE | 100.0 | 40.0 | 3.0 | 0.64 | 25600 | 2 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 6° | 1.5 | 1 | | 3 | R390-032B32-17M | 32.0 | WE | 100.0 | 40.0 | 3.0 | 0.62 | 25600 | 3 | R390-17.. |
| 40.0 | 11 | 32 | 5.5 | 10.00 | 2° | 1.0 | 1 | | 4 | R390-040B32-11M | 32.0 | WE | 110.0 | | 1.2 | 0.81 | 27000 | 4 | R390-11.. |
| | 11 | 32 | 5.5 | 10.00 | 2° | 1.0 | 1 | | 6 | R390-040B32-11H | 32.0 | WE | 110.0 | | 1.2 | 0.84 | 27000 | 6 | R390-11.. |
| | 17 | 32 | 8.5 | 15.70 | 3° | 1.5 | 1 | 2 | | R390-040B32-17L | 32.0 | WE | 110.0 | | 3.0 | 0.82 | 21900 | 2 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 3° | 1.5 | 1 | | 3 | R390-040B32-17M | 32.0 | WE | 110.0 | | 3.0 | 0.80 | 21900 | 3 | R390-17.. |
| | 17 | 32 | 8.5 | 15.70 | 3° | 1.5 | 1 | 4 | | R390-040B32-17H | 32.0 | WE | 110.0 | | 3.0 | 0.80 | 21900 | 4 | R390-17.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 12.00-20.00 | 11 | 5513 020-36 |
| 25.00-40.00 | 11 | 5513 020-35 |
| 25.00 | 17 | 5513 020-37 |
| 32.00-40.00 | 17 | 5513 020-39 |

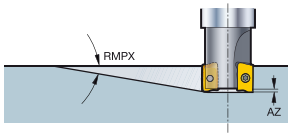
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 N23 N6 N9 N15

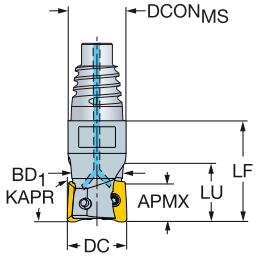
# CoroMill® 390 hoekfrees

**Coromant EH - interne koelmiddeltoevoer**






KAPR 90°




| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | BD | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.7 | 07 | E10 | 2.0 | 5.80 | 7° | 0.5 | 1 | 2 | | R390-0097EH10-07L | 9.7 | 9.2 | 12.5 | 20.0 | 12.5 | 0.5 | 0.12 | 55600 | 2 | 390R-07.. |
| 10.0 | 07 | E10 | 2.0 | 5.80 | 7° | 0.5 | 1 | 2 | | R390-010EH10-07L | 9.7 | 9.3 | 12.5 | 20.0 | 12.5 | 0.5 | 0.07 | 54100 | 2 | 390R-07.. |
| 11.7 | 07 | E12 | 2.0 | 5.80 | 5° | 0.5 | 1 | 2 | | R390-0117EH12-07L | 11.7 | 11.0 | 11.9 | 20.0 | 11.9 | 0.5 | 0.04 | 47400 | 2 | 390R-07.. |
| 12.0 | 07 | E12 | 2.0 | 5.80 | 5° | 0.5 | 1 | 2 | | R390-012EH12-07L | 11.7 | 11.3 | 11.9 | 20.0 | 11.9 | 0.5 | 0.12 | 46500 | 2 | 390R-07.. |
| | 07 | E12 | 2.0 | 5.80 | 5° | 0.5 | 1 | | 3 | R390-012EH12-07M | 11.7 | 11.3 | 11.9 | 20.0 | 11.9 | 0.5 | 0.07 | 46500 | 3 | 390R-07.. |
| 13.7 | 07 | E12 | 2.0 | 5.80 | 3° | 0.5 | 1 | 2 | | R390-0137EH12-07L | 11.7 | 12.9 | 20.0 | 20.0 | | 0.5 | 0.13 | 42000 | 2 | 390R-07.. |
| | 07 | E12 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-0137EH12-07M | 11.7 | 12.9 | 20.0 | 20.0 | | 0.5 | 0.12 | 42000 | 3 | 390R-07.. |
| 14.0 | 07 | E12 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-014EH12-07M | 11.7 | 13.2 | 20.0 | 20.0 | | 0.5 | 0.07 | 41400 | 3 | 390R-07.. |
| 15.7 | 07 | E16 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-0157EH16-07M | 15.5 | 14.7 | 15.7 | 25.0 | 15.7 | 0.5 | 0.10 | 38100 | 3 | 390R-07.. |
| 16.0 | 07 | E16 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 3 | R390-016EH16-07M | 15.5 | 15.0 | 15.7 | 25.0 | 15.7 | 0.5 | 0.09 | 37600 | 3 | 390R-07.. |
| | 07 | E16 | 2.0 | 5.80 | 3° | 0.5 | 1 | | 4 | R390-016EH16-07H | 15.5 | 15.0 | 15.7 | 25.0 | 15.7 | 0.5 | 0.14 | 37600 | 4 | 390R-07.. |
| | 11 | E16 | 5.5 | 10.00 | 10° | 1.0 | 1 | 2 | | R390-016EH16-11L | 15.5 | | | 27.0 | | 1.2 | 0.08 | 41500 | 2 | R390-11.. |
| 18.0 | 07 | E16 | 2.0 | 5.80 | 2° | 0.5 | 1 | | 3 | R390-018EH16-07M | 15.5 | 17.0 | 25.0 | 25.0 | | 0.5 | 0.10 | 34800 | 3 | 390R-07.. |
| | 11 | E16 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-018EH16-11L | 15.5 | | | 27.0 | | 1.2 | 0.11 | 31000 | 2 | R390-11.. |
| 20.0 | 07 | E20 | 2.0 | 5.80 | 2° | 0.5 | 1 | | 4 | R390-020EH20-07M | 19.3 | 19.0 | 14.4 | 25.0 | 14.4 | 0.5 | 0.10 | 32500 | 4 | 390R-07.. |
| | 07 | E20 | 2.0 | 5.80 | 2° | 0.5 | 1 | | 5 | R390-020EH20-07H | 19.3 | 19.0 | 14.4 | 25.0 | 14.4 | 0.5 | 0.16 | 32500 | 5 | 390R-07.. |
| | 11 | E20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-020EH20-11L | 19.3 | | | 30.0 | | 1.2 | 0.13 | 34600 | 2 | R390-11.. |
| | 11 | E20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | | R390-020EH20-11M | 19.3 | | | 30.0 | | 1.2 | 0.13 | 34600 | 3 | R390-11.. |
| 22.0 | 11 | E20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-022EH20-11L | 19.3 | | | 30.0 | | 1.2 | 0.14 | 36500 | 2 | R390-11.. |
| | 11 | E20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | | R390-022EH20-11M | 19.3 | | | 30.0 | | 1.2 | 0.14 | 36500 | 3 | R390-11.. |
| 25.0 | 07 | E20 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 5 | R390-025EH20-07M | 19.3 | 24.0 | 25.0 | 25.0 | | 0.5 | 0.07 | 28200 | 5 | 390R-07.. |
| | 07 | E25 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 5 | R390-025EH25-07M | 24.2 | 24.0 | 13.9 | 25.0 | 13.9 | 0.5 | 0.20 | 28200 | 5 | 390R-07.. |
| | 07 | E20 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 7 | R390-025EH20-07H | 19.3 | 24.0 | 25.0 | 25.0 | | 0.5 | 0.07 | 28200 | 7 | 390R-07.. |
| | 07 | E25 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 7 | R390-025EH25-07H | 24.2 | 24.0 | 13.9 | 25.0 | 13.9 | 0.5 | 0.20 | 28200 | 7 | 390R-07.. |
| | 11 | E25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | | R390-025EH25-11L | 24.2 | | | 35.0 | | 1.2 | 0.13 | 36400 | 2 | R390-11.. |
| | 11 | E25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | | R390-025EH25-11M | 24.2 | | | 35.0 | | 1.2 | 0.14 | 36400 | 3 | R390-11.. |
| | 11 | E25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 4 | | R390-025EH25-11H | 24.2 | | | 35.0 | | 1.2 | 0.19 | 36400 | 4 | R390-11.. |
| | 17 | E25 | 8.5 | 15.70 | 15° | 1.5 | 1 | 2 | | R390-025EH25-17L | 24.2 | | | 40.0 | | 3.0 | 0.20 | 30800 | 2 | R390-17.. |
| 28.0 | 11 | E25 | 5.5 | 10.00 | 1° | 1.0 | 1 | 2 | | R390-028EH25-11L | 24.2 | | | 35.0 | | 1.2 | 0.20 | 31000 | 2 | R390-11.. |
| | 11 | E25 | 5.5 | 10.00 | 2° | 1.0 | 1 | 3 | | R390-028EH25-11M | 24.2 | | | 35.0 | | 1.2 | 0.20 | 31000 | 3 | R390-11.. |
| 32.0 | 07 | E25 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 6 | R390-032EH25-07M | 24.2 | 30.4 | 25.0 | 25.0 | | 0.5 | 0.12 | 24400 | 6 | 390R-07.. |
| | 07 | E25 | 2.0 | 5.80 | 1° | 0.5 | 1 | | 8 | R390-032EH25-07H | 24.2 | 30.4 | 25.0 | 25.0 | | 0.5 | 0.12 | 24400 | 8 | 390R-07.. |
| | 11 | E25 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | | R390-032EH25-11L | 24.2 | | | 35.0 | | 1.2 | 0.23 | 31000 | 2 | R390-11.. |
| | 11 | E25 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 3 | R390-032EH25-11M | 24.2 | | | 35.0 | | 1.2 | 0.21 | 31000 | 3 | R390-11.. |
| | 11 | E25 | 5.5 | 10.00 | 3° | 1.0 | 1 | | 5 | R390-032EH25-11H | 24.2 | | | 35.0 | | 1.2 | 0.21 | 31000 | 5 | R390-11.. |
| | 17 | E25 | 8.5 | 15.70 | 6° | 1.5 | 1 | 2 | | R390-032EH25-17L | 24.2 | | | 40.0 | | 3.0 | 0.22 | 25600 | 2 | R390-17.. |
| | 17 | E25 | 8.5 | 15.70 | 6° | 1.5 | 1 | | 3 | R390-032EH25-17M | 24.2 | | | 40.0 | | 3.0 | 0.18 | 25600 | 3 | R390-17.. |

| DC | | Reserve onderdelen Wisselplaat-schroef |
|---|---|---|
| 10.00-32.00 | 07 | 5513 020-82 |
| 16.00-22.00 | 11 | 5513 020-36 |
| 25.00-32.00 | 11 | 5513 020-35 |
| 25.00 | 17 | 5513 020-37 |
| 32.00 | 17 | 5513 020-39 |

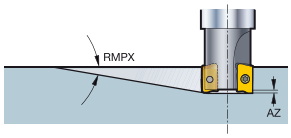
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 N23 N6 N9 N15 N3

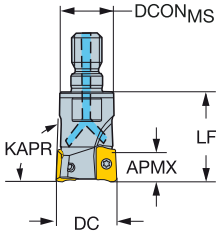
# CoroMill® 390 hoekfrees

**Schroefdraadkoppeling - interne koelmiddeltoevoer**






KAPR 90°




| DC | | $CZC_{MS}$ | $APMX_{EFW}$ | $APMX_{FFW}$ | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16.0 | 11 | M8 | 5.5 | 10.00 | 10° | 1.0 | 0 | 2 | **R390-16T08-11L** | 12.8 | 25.0 | 1.2 | 0.13 | 10900 | 2 | R390-11.. |
| 20.0 | 11 | M10 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | **R390-20T10-11L** | 17.8 | 30.0 | 1.2 | 0.16 | 9900 | 2 | R390-11.. |
| | 11 | M10 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | **R390-20T10-11M** | 17.8 | 30.0 | 1.2 | 0.18 | 9900 | 3 | R390-11.. |
| 25.0 | 11 | M12 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | **R390-25T12-11L** | 20.8 | 35.0 | 1.2 | 0.20 | 8100 | 2 | R390-11.. |
| | 11 | M12 | 5.5 | 10.00 | 5° | 1.0 | 1 | 3 | **R390-25T12-11M** | 20.8 | 35.0 | 1.2 | 0.20 | 8100 | 3 | R390-11.. |
| 32.0 | 11 | M16 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | **R390-32T16-11L** | 28.8 | 45.0 | 1.2 | 0.32 | 9100 | 2 | R390-11.. |
| | 11 | M16 | 5.5 | 10.00 | 3° | 1.0 | 1 | 3 | **R390-32T16-11M** | 28.8 | 45.0 | 1.2 | 0.31 | 9100 | 3 | R390-11.. |
| 35.0 | 11 | M16 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | **R390-35T16-11L** | 28.8 | 45.0 | 1.2 | 0.39 | 9100 | 2 | R390-11.. |
| | 11 | M16 | 5.5 | 10.00 | 3° | 1.0 | 1 | 3 | **R390-35T16-11M** | 28.8 | 45.0 | 1.2 | 0.34 | 9100 | 3 | R390-11.. |
| 40.0 | 11 | M16 | 5.5 | 10.00 | 2° | 1.0 | 1 | 2 | **R390-40T16-11L** | 28.8 | 45.0 | 1.2 | 0.40 | 9100 | 2 | R390-11.. |
| | 11 | M16 | 5.5 | 10.00 | 2° | 1.0 | 1 | 4 | **R390-40T16-11M** | 28.8 | 45.0 | 1.2 | 0.40 | 9100 | 4 | R390-11.. |
| 42.0 | 11 | M16 | 5.5 | 10.00 | 1° | 1.0 | 1 | 4 | **R390-42T16-11M** | 28.8 | 45.0 | 1.2 | 0.40 | 9100 | 4 | R390-11.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 16.00-20.00 | 11 | 5513 020-36 |
| 25.00-42.00 | 11 | 5513 020-35 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 N23 N6 N9 N15 N3



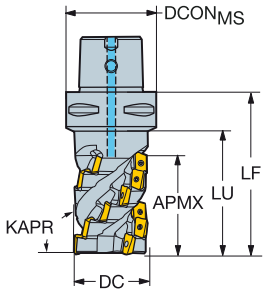
SANDVIK Coromant

# CoroMill® 390 lange snijkant hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.0 | 11 | C5 | 36.00 | 3 | 2 | | R390-032C5-36L | 50.0 | 71.7 | 46.0 | 1.2 | 1.12 | 21700 | 8 | R390-11.. |
| | 11 | C5 | 36.00 | 3 | | 3 | R390-032C5-36M | 50.0 | 71.7 | 45.0 | 1.2 | 0.60 | 21700 | 12 | R390-11.. |
| | 11 | C5 | 54.00 | 3 | 2 | | R390-032C5-54L | 50.0 | 89.4 | 63.0 | 1.2 | 1.14 | 21700 | 12 | R390-11.. |
| | 11 | C6 | 63.00 | 3 | 2 | | R390-032C6-63L | 63.0 | 100.2 | 72.0 | 1.2 | 1.51 | 21700 | 14 | R390-11.. |
| | 11 | C6 | 45.00 | 3 | | 3 | R390-032C6-45M | 63.0 | 82.5 | 54.0 | 1.2 | 1.40 | 21700 | 15 | R390-11.. |
| | 11 | C5 | 54.00 | 3 | | 3 | R390-032C5-54M | 50.0 | 89.4 | 63.0 | 1.2 | 1.16 | 21700 | 18 | R390-11.. |
| 36.0 | 11 | C3 | 36.00 | 3 | 2 | | R390-036C3-36L | 32.0 | 66.7 | 66.0 | 1.2 | 0.70 | 20200 | 8 | R390-11.. |
| | 11 | C3 | 36.00 | 3 | | 3 | R390-036C3-36M | 32.0 | 66.7 | 66.0 | 1.2 | 0.65 | 20200 | 12 | R390-11.. |
| 40.0 | 11 | C5 | 54.00 | 3 | | 3 | R390-040C5-54M | 50.0 | 89.4 | 63.0 | 1.2 | 0.80 | 18900 | 18 | R390-11.. |
| | 11 | C6 | 63.00 | 3 | | 3 | R390-040C6-63M | 63.0 | 100.2 | 72.0 | 1.2 | 1.28 | 18900 | 21 | R390-11.. |
| | 11 | C5 | 54.00 | 3 | | 4 | R390-040C5-54H | 50.0 | 89.4 | 63.0 | 1.2 | 1.31 | 18900 | 24 | R390-11.. |
| | 11 | C6 | 63.00 | 3 | | 4 | R390-040C6-63H | 63.0 | 100.2 | 72.0 | 1.2 | 1.65 | 18900 | 28 | R390-11.. |
| 44.0 | 11 | C4 | 45.00 | 3 | | 3 | R390-044C4-45M | 40.0 | 80.5 | | 1.2 | 0.97 | 17800 | 15 | R390-11.. |
| | 18 | C4 | 43.00 | 3 | 2 | | R390-044C4-43L | 40.0 | 78.6 | | 3.0 | 0.90 | 8600 | 6 | R390-18.. |
| | 18 | C5 | 43.00 | 3 | 2 | | R390-044C5-43L | 50.0 | 78.6 | 53.0 | 3.0 | 1.29 | 9200 | 6 | R390-18.. |
| | 18 | C5 | 57.00 | 3 | | 2 | R390-044C5-57L | 50.0 | 92.6 | 67.0 | 3.0 | 1.36 | 9200 | 8 | R390-18.. |
| | 18 | C6 | 57.00 | 3 | 2 | | R390-044C6-57L | 63.0 | 94.6 | 67.0 | 3.0 | 1.69 | 9200 | 8 | R390-18.. |
| 50.0 | 11 | C5 | 36.00 | 3 | | 3 | R390-050C5-36L | 50.0 | 71.7 | 50.0 | 1.2 | 1.31 | 16600 | 12 | R390-11.. |
| | 11 | C5 | 36.00 | 3 | | 4 | R390-050C5-36M | 50.0 | 71.7 | 50.0 | 1.2 | 1.44 | 16600 | 16 | R390-11.. |
| | 11 | C5 | 54.00 | 3 | | 3 | R390-050C5-54L | 50.0 | 89.4 | 67.0 | 1.2 | 1.20 | 16600 | 18 | R390-11.. |
| | 11 | C5 | 36.00 | 3 | 5 | | R390-050C5-36H | 50.0 | 71.7 | 50.0 | 1.2 | 1.29 | 16600 | 20 | R390-11.. |
| | 11 | C5 | 54.00 | 3 | | 4 | R390-050C5-54M | 50.0 | 89.4 | 67.0 | 1.2 | 1.59 | 16600 | 24 | R390-11.. |
| | 11 | C6 | 63.00 | 3 | | 4 | R390-050C6-63M | 63.0 | 100.2 | 72.0 | 1.2 | 1.99 | 16600 | 28 | R390-11.. |
| | 11 | C6 | 63.00 | 3 | 5 | | R390-050C6-63H | 63.0 | 100.2 | 72.0 | 1.2 | 2.00 | 16600 | 35 | R390-11.. |
| | 18 | C5 | 43.00 | 3 | 2 | | R390-050C5-43L | 50.0 | 78.6 | 53.0 | 3.0 | 1.00 | 7900 | 6 | R390-18.. |
| | 18 | C6 | 43.00 | 3 | | 3 | R390-050C6-43M | 63.0 | 80.6 | 53.0 | 3.0 | 1.70 | 7900 | 9 | R390-18.. |
| | 18 | C6 | 71.00 | 3 | 2 | | R390-050C6-71L | 63.0 | 108.7 | 81.0 | 3.0 | 2.04 | 7900 | 10 | R390-18.. |
| | 18 | C8 | 57.00 | 3 | | 3 | R390-050C8-57M | 80.0 | 102.6 | 67.0 | 3.0 | 2.76 | 7900 | 12 | R390-18.. |
| | 18 | C6 | 71.00 | 3 | 3 | | R390-050C6-71M | 63.0 | 108.7 | 81.0 | 3.0 | 1.50 | 7900 | 15 | R390-18.. |
| 54.0 | 11 | C5 | 54.00 | 3 | | 4 | R390-054C5-54M | 50.0 | 89.4 | | 1.2 | 1.70 | 16000 | 24 | R390-11.. |
| | 18 | C5 | 43.00 | 3 | | 3 | R390-054C5-43M | 50.0 | 78.6 | | 3.0 | 1.00 | 7500 | 9 | R390-18.. |
| 63.0 | 18 | C6 | 43.00 | 3 | | 4 | R390-063C6-43M | 63.0 | 80.6 | 53.0 | 3.0 | 2.09 | 6800 | 12 | R390-18.. |
| | 18 | C6 | 57.00 | 3 | | 3 | R390-063C6-57L | 63.0 | 94.6 | 67.0 | 3.0 | 2.36 | 6800 | 12 | R390-18.. |
| | 18 | C8 | 57.00 | 3 | | 4 | R390-063C8-57M | 80.0 | 102.6 | 67.0 | 3.0 | 3.19 | 6800 | 16 | R390-18.. |
| | 18 | C8 | 85.00 | 3 | | 3 | R390-063C8-85L | 80.0 | 130.7 | 95.0 | 3.0 | 3.73 | 6800 | 18 | R390-18.. |
| 66.0 | 11 | C6 | 45.00 | 3 | | 4 | R390-066C6-45M | 63.0 | 82.5 | | 1.2 | 2.00 | 13900 | 20 | R390-11.. |
| | 18 | C6 | 57.00 | 3 | | 3 | R390-066C6-57L | 63.0 | 94.6 | | 3.0 | 2.47 | 6700 | 12 | R390-18.. |
| 80.0 | 18 | C8 | 71.00 | 3 | | 3 | R390-080C8-71L | 80.0 | 116.7 | 81.0 | 3.0 | 4.64 | 5900 | 15 | R390-18.. |
| | 18 | C8 | 57.00 | 3 | 5 | | R390-080C8-57H | 80.0 | 102.6 | 67.0 | 3.0 | 4.04 | 5900 | 20 | R390-18.. |
| 84.0 | 18 | C8 | 57.00 | 3 | | 4 | R390-084C8-57M | 80.0 | 102.6 | | 3.0 | 4.15 | 5800 | 16 | R390-18.. |
| 100.0 | 18 | C8 | 57.00 | 3 | | 4 | R390-100C8-57M | 80.0 | 102.6 | | 3.0 | 5.46 | 5200 | 16 | R390-18.. |
| | 18 | C8 | 71.00 | 3 | | 4 | R390-100C8-71M | 80.0 | 116.7 | | 3.0 | 6.01 | 5200 | 20 | R390-18.. |
| | 18 | C8 | 57.00 | 3 | 6 | | R390-100C8-57H | 80.0 | 102.6 | | 3.0 | 5.08 | 5200 | 24 | R390-18.. |

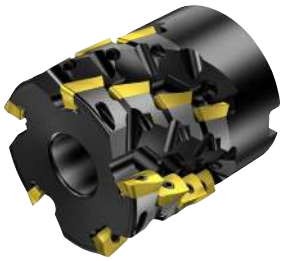
| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 11 | 5513 024-01 |
| 18 | 5513 036-01 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

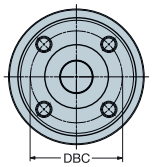
I74 L2 N23 N6 N9 N15

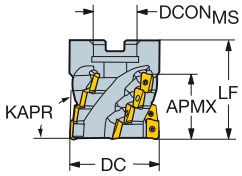
# CoroMill® 390 lange snijkant hoekfrees

**Doorn**



STDNO ISO6462
KAPR 90°




| DC | | CZCMS | APMXFFW | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 11 | 16 | 36.00 | | 3 | R390-040Q16-36M | 16.0 | A | | 56.7 | 1.2 | 0.80 | 18900 | 12 | R390-11.. |
| | 11 | 16 | 36.00 | 4 | | R390-040Q16-36H | 16.0 | A | | 56.7 | 1.2 | 0.30 | 18900 | 16 | R390-11.. |
| 44.0 | 11 | 16 | 45.00 | | 3 | R390-044Q16-45M | 16.0 | A | | 65.5 | 1.2 | 0.98 | 17800 | 15 | R390-11.. |
| | 18 | 16 | 43.00 | 2 | | R390-044Q16-43L | 16.0 | A | | 68.6 | 3.0 | 0.91 | 8600 | 6 | R390-18.. |
| 50.0 | 11 | 22 | 36.00 | | 4 | R390-050Q22-36M | 22.0 | A | | 56.7 | 1.2 | 0.94 | 16600 | 16 | R390-11.. |
| | 11 | 22 | 54.00 | | 3 | R390-050Q22-54L | 22.0 | A | | 74.4 | 1.2 | 1.09 | 16600 | 18 | R390-11.. |
| | 11 | 22 | 36.00 | 5 | | R390-050Q22-36H | 22.0 | A | | 56.7 | 1.2 | 0.99 | 16600 | 20 | R390-11.. |
| | 18 | 22 | 57.00 | | 2 | R390-050Q22-57L | 22.0 | A | | 82.6 | 3.0 | 1.09 | 7900 | 8 | R390-18.. |
| 54.0 | 11 | 22 | 36.00 | | 4 | R390-054Q22-36M | 22.0 | A | | 56.7 | 1.2 | 1.08 | 16000 | 16 | R390-11.. |
| | 18 | 22 | 57.00 | 2 | | R390-054Q22-57L | 22.0 | A | | 82.6 | 3.0 | 0.91 | 7500 | 8 | R390-18.. |
| 63.0 | 18 | 27 | 57.00 | | 3 | R390-063Q27-57L | 27.0 | A | | 82.6 | 3.0 | 1.58 | 6800 | 12 | R390-18.. |
| 80.0 | 18 | 32 | 71.00 | | 3 | R390-080Q32-71L | 32.0 | A | | 96.7 | 3.0 | 2.88 | 5900 | 15 | R390-18.. |
| 100.0 | 18 | 40 | 57.00 | | 4 | R390-100Q40-57M | 40.0 | B | | 82.6 | 3.0 | 3.37 | 5200 | 16 | R390-18.. |
| 125.0 | 18 | 40 | 43.00 | 6 | | R390-125Q40-43L | 40.0 | B | | 68.6 | 3.0 | 5.00 | 4600 | 18 | R390-18.. |
| 160.0 | 18 | 40S | 43.00 | 8 | | R390-160Q40-43L | 40.0 | C | 66.7 | 68.6 | 3.0 | 7.21 | 4000 | 24 | R390-18.. |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 11 | 5513 024-01 |
| 18 | 5513 036-01 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 M1 N23 N6 N9



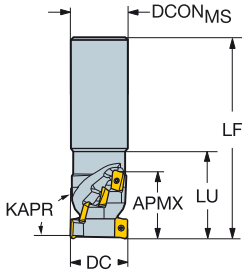
SANDVIK Coromant

# CoroMill® 390 lange snijkant hoekfrees

**Cilindrische schacht**



KAPR 90°




| DC | | CZC$_{MS}$ | APMX$_{FFW}$ | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.0 | 11 | 25 | 36.00 | 2 | | R390-032A25-36L | 25.0 | 108.7 | | 1.2 | 0.59 | 21700 | 8 | R390-11.. |
| | 11 | 32 | 36.00 | 2 | | R390-032A32-36L | 32.0 | 112.7 | 48.0 | 1.2 | 0.74 | 21700 | 8 | R390-11.. |
| 40.0 | 11 | 40 | 45.00 | | 3 | R390-040A40-45M | 40.0 | 131.5 | 58.0 | 1.2 | 1.23 | 18900 | 15 | R390-11.. |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 024-01 |

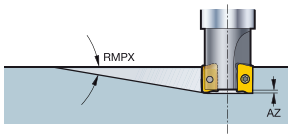
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 N23 N6 N9

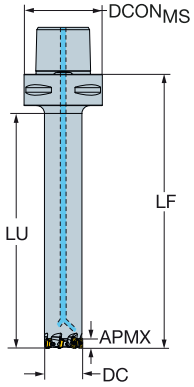
# CoroMill® 390 gedempte hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**






KAPR 90°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 07 | C5 | 2.0 | 5.80 | 2° | 0.5 | 3 | 5 | R390-020C5D-07H145 | 50.0 | 145.0 | 120.0 | 0.5 | 0.92 | 20000 | 5 | 390R-07.. |
| | 07 | C6 | 2.0 | 5.80 | 2° | 0.5 | 3 | 5 | R390-020C6D-07H147 | 63.0 | 147.0 | 120.0 | 0.5 | 1.25 | 20000 | 5 | 390R-07.. |
| | 11 | C5 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | R390-020C5D-11L145 | 50.0 | 145.0 | 120.0 | 1.2 | 0.91 | 20000 | 2 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | R390-020C6D-11L147 | 63.0 | 147.0 | 120.0 | 1.2 | 1.24 | 20000 | 2 | R390-11.. |
| 25.0 | 07 | C5 | 2.0 | 5.80 | 1° | 0.5 | 3 | 7 | R390-025C5D-07H175 | 50.0 | 175.0 | 150.0 | 0.5 | 1.19 | 20000 | 7 | 390R-07.. |
| | 07 | C6 | 2.0 | 5.80 | 1° | 0.5 | 3 | 7 | R390-025C6D-07H177 | 63.0 | 177.0 | 150.0 | 0.5 | 1.52 | 20000 | 7 | 390R-07.. |
| | 11 | C5 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | R390-025C5D-11L175 | 50.0 | 175.0 | 150.0 | 1.2 | 1.19 | 20000 | 2 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 5° | 1.0 | 3 | 2 | R390-025C6D-11L177 | 63.0 | 177.0 | 150.0 | 1.2 | 1.53 | 20000 | 2 | R390-11.. |
| 32.0 | 07 | C5 | 2.0 | 5.80 | 1° | 0.5 | 3 | 8 | R390-032C5D-07H217 | 50.0 | 217.0 | 192.0 | 0.5 | 1.82 | 15000 | 8 | 390R-07.. |
| | 07 | C6 | 2.0 | 5.80 | 1° | 0.5 | 3 | 8 | R390-032C6D-07H219 | 63.0 | 219.0 | 192.0 | 0.5 | 2.15 | 15000 | 8 | 390R-07.. |
| | 11 | C5 | 5.5 | 10.00 | 3° | 1.0 | 3 | 2 | R390-032C5D-11L217 | 50.0 | 217.0 | 192.0 | 1.2 | 1.83 | 15000 | 2 | R390-11.. |
| | 11 | C6 | 5.5 | 10.00 | 3° | 1.0 | 3 | 2 | R390-032C6D-11L219 | 63.0 | 219.0 | 192.0 | 1.2 | 2.17 | 15000 | 2 | R390-11.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 20.00-32.00 | 07 | 5513 020-82 |
| 20.00 | 11 | 5513 020-36 |
| 25.00-32.00 | 11 | 5513 020-35 |

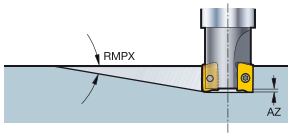
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 N23 N6 N9 N15 L109

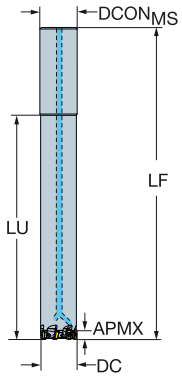
# CoroMill® 390 gedempte hoekfrees

**Cilindrische schacht - interne koelmiddeltoevoer**






KAPR 90°




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 07 | 20 | 2.0 | 5.80 | 2° | 0.5 | 1 | 5 | **R390-020A20D-07H** | 20.0 | 173.0 | 120.0 | 0.5 | 0.71 | 20000 | 5 | 390R-07.. |
| | 11 | 20 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | **R390-020A20D-11L** | 20.0 | 171.0 | 120.0 | 1.2 | 0.73 | 20000 | 2 | R390-11.. |
| 25.0 | 07 | 25 | 2.0 | 5.80 | 1° | 0.5 | 1 | 7 | **R390-025A25D-07H** | 25.0 | 208.0 | 150.0 | 0.5 | 0.96 | 20000 | 7 | 390R-07.. |
| | 11 | 25 | 5.5 | 10.00 | 5° | 1.0 | 1 | 2 | **R390-025A25D-11L** | 25.0 | 208.0 | 150.0 | 1.2 | 0.95 | 20000 | 2 | R390-11.. |
| 32.0 | 07 | 32 | 2.0 | 5.80 | 1° | 0.5 | 1 | 8 | **R390-032A32D-07H** | 32.0 | 254.0 | 192.0 | 0.5 | 1.74 | 15000 | 8 | 390R-07.. |
| | 11 | 32 | 5.5 | 10.00 | 3° | 1.0 | 1 | 2 | **R390-032A32D-11L** | 32.0 | 254.0 | 192.0 | 1.2 | 1.48 | 15000 | 2 | R390-11.. |

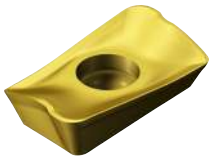
| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 20.00-32.00 | 07 | 5513 020-82 |
| 20.00 | 11 | 5513 020-36 |
| 25.00-32.00 | 11 | 5513 020-35 |

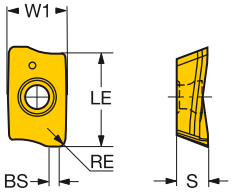
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I74 L2 N23 N6 N9 N15 L109

# CoroMill® 390 freeswisselplaat

KRINS 90°



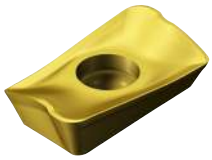


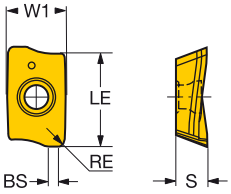

| | | | RE | Bestelnummer | P 1130 | P 4220 | P 4330 | P 4340 | P 530 | M 1040 | M 1130 | M 2040 | M 530 | K 1020 | K 3040 | K 3330 | K H13A | N 1130 | N 530 | N H13A | S 1130 | S H13A | S S30T | S S40T | H 1010 | H 1130 | H 530 | Afmetingen, mm W1 | LE | S | BS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | KL | 07 | 0.40 | 390R-070204E-KL | | | | | | | | | | ★ | | | | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208E-KL | | | | | | | | | | ★ | | | | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | 11 | 0.80 | R390-11 T3 08E-KL | | | | | | | | | | | | | ☆ | | | ★ | | ☆ | | | | | | | 6.8 | 10.0 | 3.59 | 1.5 |
| | | | 0.80 | R390-11 T3 08M-KL | | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | ★ | | ☆ | | | | | | | 6.8 | 10.0 | 3.59 | 1.2 |
| | | 17 | 0.80 | R390-17 04 08E-KL | | | | | | | | | | | | | ☆ | | | ★ | | ☆ | | | | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | | | 0.80 | R390-17 04 08M-KL | | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | ★ | | ☆ | | | | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | | 18 | 0.80 | R390-18 06 08H-KL | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 1.20 | R390-18 06 12H-KL | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 3.10 | R390-18 06 31H-KL | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | ML | 07 | 0.20 | 390R-070202E-ML | | | | | | ★ | | | | | | | | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.40 | 390R-070204E-ML | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208E-ML | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.20 | 390R-070212E-ML | | | | | | ★ | | | | | | | | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.60 | 390R-070216E-ML | | | | | | ★ | | | | | | | | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.2 |
| | | 11 | 0.80 | R390-11 T3 08E-ML | | | | | | ★ | | ☆ | | | | | | | | | | | ★ | ☆ | | | | | 6.8 | 10.0 | 3.59 | 1.5 |
| | | | 1.60 | R390-11 T3 16E-ML | | | | | | ★ | | ☆ | | | | | | | | | | | ★ | ☆ | | | | | 6.8 | 10.0 | 3.59 | 0.8 |
| | | | 2.40 | R390-11 T3 24E-ML | | | | | | ★ | | ☆ | | | | | | | | | | | ★ | ☆ | | | | | 6.8 | 10.0 | 3.59 | |
| | | | 3.10 | R390-11 T3 31E-ML | | | | | | ★ | | ☆ | | | | | | | | | | | ★ | ☆ | | | | | 6.8 | 10.0 | 3.59 | |
| | | 17 | 0.80 | R390-17 04 08E-ML | | | | | | ★ | | ☆ | | | | | | | | | | | ★ | ☆ | | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | | 18 | 0.80 | R390-18 06 08H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 1.20 | R390-18 06 12H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 1.60 | R390-18 06 16H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 2.00 | R390-18 06 20H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 2.40 | R390-18 06 24H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 3.10 | R390-18 06 31H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 4.00 | R390-18 06 40H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 5.00 | R390-18 06 50H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 6.00 | R390-18 06 60H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 6.40 | R390-18 06 64H-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.0 |
| | NL | 07 | 0.20 | 390R-070202E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.40 | 390R-070204E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | 11 | 0.40 | R390-11 T3 04E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 6.8 | 10.0 | 3.59 | 0.9 |
| | | | 0.80 | R390-11 T3 08E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 6.8 | 10.0 | 3.59 | 1.5 |
| | | | 2.00 | R390-11 T3 20E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 6.8 | 10.0 | 3.59 | |
| | | | 3.10 | R390-11 T3 31E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 6.8 | 10.0 | 3.59 | |
| | | 17 | 0.80 | R390-17 04 08E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | | | 2.00 | R390-17 04 20E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 9.6 | 15.7 | 4.76 | 0.3 |
| | | | 3.10 | R390-17 04 31E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 4.00 | R390-17 04 40E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 5.00 | R390-17 04 50E-NL | | | | | | | | | | | | | | | | ★ | | | | | | | | | 9.6 | 15.7 | 4.76 | |

I58 I154 I175 N23 N10

# CoroMill® 390 freeswisselplaat

KRINS 90°



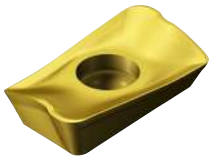


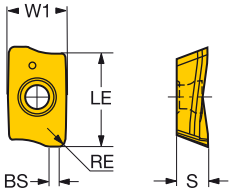

| | | | RE | Bestelnummer | P | | | | | M | | | | K | | | | N | | | S | | | | H | | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4330 | 4340 | 530 | 1040 | 1130 | 2040 | 530 | 1020 | 3040 | 3330 | H13A | 1130 | 530 | H13A | 1130 | H13A | S30T | S40T | 1010 | 1130 | 530 | W1 | LE | S | BS |
| Light | PL | 07 | 0.20 | 390R-070202E-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.40 | 390R-070204E-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208E-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.20 | 390R-070212E-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.60 | 390R-070216E-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.2 |
| | | 11 | 0.40 | R390-11 T3 04E-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | ★ | ☆ | | | ☆ | | 6.8 | 10.0 | 3.59 | 0.9 |
| | | | 0.80 | R390-11 T3 08E-PL | ★ | | | | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | | | ★ | ☆ | ☆ | 6.8 | 10.0 | 3.59 | 1.5 |
| | | | 0.80 | R390-11 T3 08M-PL | ★ | ☆ | ★ | ☆ | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | ☆ | 6.8 | 10.0 | 3.59 | 1.2 |
| | | 17 | 0.80 | R390-17 04 08E-PL | ★ | | | ★ | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | | | ★ | ☆ | ☆ | 9.6 | 15.7 | 4.76 | 1.5 |
| | | | 0.80 | R390-17 04 08M-PL | ★ | ☆ | ★ | ☆ | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | ☆ | 9.6 | 15.7 | 4.76 | 1.5 |
| | | 18 | 0.80 | R390-18 06 08H-PL | ★ | | | ★ | ☆ | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 1.20 | R390-18 06 12H-PL | ★ | ☆ | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 1.60 | R390-18 06 16H-PL | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 2.00 | R390-18 06 20H-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 2.40 | R390-18 06 24H-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 3.10 | R390-18 06 31H-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 4.00 | R390-18 06 40H-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 5.00 | R390-18 06 50H-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | ★ | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 6.00 | R390-18 06 60H-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | ★ | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| | | | 6.40 | R390-18 06 64H-PL | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | | | ★ | ☆ | | 11.0 | 15.4 | 6.33 | 1.0 |
| Middelmatig | KM | 07 | 0.40 | 390R-070204M-KM | | | | | | | | | | ☆ | | ★ | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208M-KM | | | | | | | | | | ☆ | | ★ | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.60 | 390R-070216M-KM | | | | | | | | | | ★ | | | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.2 |
| | | 11 | 0.20 | R390-11 T3 02E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | 0.7 |
| | | | 0.40 | R390-11 T3 04M-KM | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | 0.9 |
| | | | 0.80 | R390-11 T3 08M-KM | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | 1.2 |
| | | | 1.20 | R390-11 T3 12E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | 0.8 |
| | | | 1.60 | R390-11 T3 16E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | 0.8 |
| | | | 1.60 | R390-11 T3 16M-KM | | | | | | | | | | ☆ | | ★ | ☆ | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | 0.4 |
| | | | 2.00 | R390-11 T3 20E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | 0.4 |
| | | | 2.40 | R390-11 T3 24E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | |
| | | | 3.10 | R390-11 T3 31E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | |
| | | | 3.10 | R390-11 T3 31M-KM | | | | | | | | | | ☆ | | ★ | ☆ | | | ★ | | ☆ | | | | | | 6.8 | 10.0 | 3.59 | |
| | | 17 | 0.40 | R390-17 04 04E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | 1.0 |
| | | | 0.40 | R390-17 04 04M-KM | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | 1.0 |
| | | | 0.80 | R390-17 04 08M-KM | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | | | 1.20 | R390-17 04 12E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | 1.1 |
| | | | 1.60 | R390-17 04 16E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | 0.7 |
| | | | 1.60 | R390-17 04 16M-KM | | | | | | | | | | ☆ | | ★ | ☆ | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | 0.7 |
| | | | 2.00 | R390-17 04 20E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | 0.3 |
| | | | 2.40 | R390-17 04 24E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 3.10 | R390-17 04 31E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 3.10 | R390-17 04 31M-KM | | | | | | | | | | ☆ | | ★ | ☆ | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 4.00 | R390-17 04 40E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 4.80 | R390-17 04 48E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 5.00 | R390-17 04 50E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 6.00 | R390-17 04 60E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 6.35 | R390-17 04 64E-KM | | | | | | | | | | | | ☆ | | | | ★ | | ☆ | | | | | | 9.6 | 15.7 | 4.76 | |
| | | 18 | 0.80 | R390-18 06 08M-KM | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 1.20 | R390-18 06 12M-KM | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 1.60 | R390-18 06 16M-KM | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 2.00 | R390-18 06 20M-KM | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 0.5 |
| | | | 3.10 | R390-18 06 31M-KM | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 0.5 |
| | KMR | 18 | 1.20 | R390-18 06 12M-KMR | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 0.3 |

I58 I154 I175 N23 N10

# CoroMill® 390 freeswisselplaat

KRINS 90°






| | | | RE | Bestelnummer | P | | | | | M | | | | K | | | | N | | | S | | | | H | | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4330 | 4340 | 530 | 1040 | 1130 | 2040 | 530 | 1020 | 3040 | 3330 | H13A | 1130 | 530 | H13A | 1130 | H13A | S30T | S40T | 1010 | 1130 | 530 | W1 | LE | S | BS |
| Medium | MM | 07 | 0.20 | 390R-070202M-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.40 | 390R-070204E-MM | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.40 | 390R-070204M-MM | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208E-MM | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208M-MM | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.20 | 390R-070212M-MM | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.60 | 390R-070216M-MM | | | | | | ★ | | | | | | | | | | | | | ★ | | | | | 4.0 | 5.9 | 2.40 | 0.2 |
| | | 11 | 0.20 | R390-11 T3 02E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | 0.7 |
| | | | 0.80 | R390-11 T3 08M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | ★ | ☆ | | | | 6.8 | 10.0 | 3.59 | 1.2 |
| | | | 1.20 | R390-11 T3 12E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | 0.8 |
| | | | 1.60 | R390-11 T3 16E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | 0.4 |
| | | | 2.00 | R390-11 T3 20E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | |
| | | | 2.40 | R390-11 T3 24E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | |
| | | | 3.10 | R390-11 T3 31E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | |
| | | 17 | 0.40 | R390-17 04 04E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | 1.0 |
| | | | 0.80 | R390-17 04 08M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | ★ | ☆ | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | | | 1.20 | R390-17 04 12E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | 1.1 |
| | | | 1.60 | R390-17 04 16E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | 0.7 |
| | | | 2.00 | R390-17 04 20E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | 0.3 |
| | | | 2.40 | R390-17 04 24E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 3.10 | R390-17 04 31E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 4.00 | R390-17 04 40E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 4.80 | R390-17 04 48E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 5.00 | R390-17 04 50E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 6.00 | R390-17 04 60E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | | 6.35 | R390-17 04 64E-MM | | | | | | ★ | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | |
| | | 18 | 0.80 | R390-18 06 08M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 1.20 | R390-18 06 12M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 1.60 | R390-18 06 16M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 2.00 | R390-18 06 20M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 0.5 |
| | | | 3.10 | R390-18 06 31M-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 0.5 |
| | MMR | 18 | 1.20 | R390-18 06 12M-MMR | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | 11.0 | 15.4 | 6.33 | 0.3 |

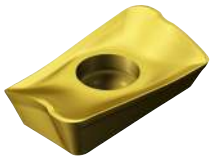
I58 I154 I175 N23 N10

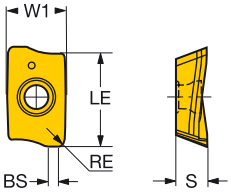


SANDVIK Coromant

# CoroMill® 390 freeswisselplaat

KRINS 90°



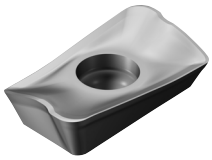


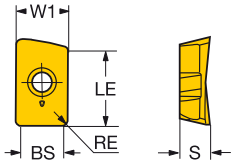

| | | | RE | Bestelnummer | P 1130 | P 4220 | P 4230 | P 4340 | P 530 | M 1040 | M 1130 | M 2040 | M 530 | K 1020 | K 3040 | K 3330 | K H13A | N 1130 | N 530 | N H13A | S 1130 | S H13A | S S30T | S S40T | H 1010 | H 1130 | H 530 | Afmetingen, mm W1 | LE | S | BS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Medium | PM | 07 | 0.20 | 390R-070202M-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.40 | 390R-070204M-PM | ★ | | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 0.80 | 390R-070208M-PM | ★ | | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.20 | 390R-070212M-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.7 |
| | | | 1.60 | 390R-070216M-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 4.0 | 5.9 | 2.40 | 0.2 |
| | | 11 | 0.20 | R390-11 T3 02E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 6.8 | 10.0 | 3.59 | 0.7 |
| | | | 0.40 | R390-11 T3 04M-PM | ★ | ☆ | | ★ | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | | | | ☆ | ☆ | 6.8 | 10.0 | 3.59 | 0.9 |
| | | | 0.80 | R390-11 T3 08M-PM | ★ | ☆ | ★ | ☆ | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | ☆ | 6.8 | 10.0 | 3.59 | 1.2 |
| | | | 1.20 | R390-11 T3 12E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 6.8 | 10.0 | 3.59 | 0.8 |
| | | | 1.60 | R390-11 T3 16E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | ★ | ☆ | | 6.8 | 10.0 | 3.59 | 0.4 |
| | | | 1.60 | R390-11 T3 16M-PM | ★ | ☆ | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 6.8 | 10.0 | 3.59 | 0.4 |
| | | | 2.00 | R390-11 T3 20E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 6.8 | 10.0 | 3.59 | |
| | | | 2.40 | R390-11 T3 24E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | | | | | | ☆ | | 6.8 | 10.0 | 3.59 | |
| | | | 3.10 | R390-11 T3 31E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | ★ | ☆ | | 6.8 | 10.0 | 3.59 | |
| | | | 3.10 | R390-11 T3 31M-PM | ★ | ☆ | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 6.8 | 10.0 | 3.59 | |
| | | 17 | 0.40 | R390-17 04 04E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | | ☆ | | 9.6 | 15.7 | 4.76 | 1.0 |
| | | | 0.40 | R390-17 04 04M-PM | ★ | ☆ | | ★ | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | | | | ☆ | ☆ | 9.6 | 15.7 | 4.76 | 1.0 |
| | | | 0.80 | R390-17 04 08M-PM | ★ | ☆ | ★ | ☆ | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | ☆ | 9.6 | 15.7 | 4.76 | 1.5 |
| | | | 1.20 | R390-17 04 12E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | 1.1 |
| | | | 1.60 | R390-17 04 16E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | 0.7 |
| | | | 1.60 | R390-17 04 16M-PM | ★ | ☆ | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | | ☆ | | 9.6 | 15.7 | 4.76 | 0.7 |
| | | | 2.00 | R390-17 04 20E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | 0.3 |
| | | | 2.40 | R390-17 04 24E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | | 3.10 | R390-17 04 31E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | | 3.10 | R390-17 04 31M-PM | ★ | ☆ | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | | 4.00 | R390-17 04 40E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | | 4.80 | R390-17 04 48E-PM | ★ | | | | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | | 5.00 | R390-17 04 50E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | | 6.00 | R390-17 04 60E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | | 6.35 | R390-17 04 64E-PM | ★ | | | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 9.6 | 15.7 | 4.76 | |
| | | 18 | 0.80 | R390-18 06 08M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 1.20 | R390-18 06 12M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | ★ | ☆ | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 1.60 | R390-18 06 16M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | | ☆ | | 11.0 | 15.4 | 6.33 | 1.1 |
| | | | 2.00 | R390-18 06 20M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | | | | ☆ | | 11.0 | 15.4 | 6.33 | 0.5 |
| | | | 3.10 | R390-18 06 31M-PM | ★ | ☆ | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | | ☆ | | 11.0 | 15.4 | 6.33 | 0.5 |
| | PMR | 18 | 1.20 | R390-18 06 12M-PMR | ★ | | ★ | ☆ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | | ☆ | | 11.0 | 15.4 | 6.33 | 0.3 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zwaar | KH | 11 | 1.00 | R390-11 T3 10M-KH | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | 1.0 |
| | | 17 | 0.80 | R390-17 04 08M-KH | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | MH | 11 | 1.00 | R390-11 T3 10M-MH | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | 6.8 | 10.0 | 3.59 | 1.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PH | 11 | 1.00 | R390-11 T3 10M-PH | ☆ | ☆ | ☆ | ★ | | | ☆ | | | | | | | ☆ | | | ☆ | | ★ | ☆ | | ☆ | | 6.8 | 10.0 | 3.59 | 1.0 |
| | | 17 | 0.80 | R390-17 04 08M-PH | | ☆ | | ★ | | | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | 1.5 |
| | | | 1.60 | R390-17 04 16M-PH | | | ☆ | ★ | | | | | | | | | | | | | | | | | | | | 9.6 | 15.7 | 4.76 | 1.5 |

I58 I154 I175 N23 N10

# CoroMill® 390 freeswisselplaat

KRINS 90°

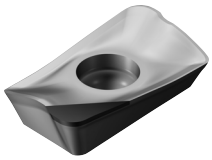


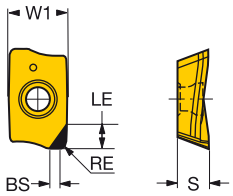



TECHNOLOGY Wiper

| | | | RE | Bestelnummer | P | M | K | | N | S | H | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 1130 | 1020 | 1025 | 1130 | 1130 | 1130 | W1 | LE | S | BS |
| Licht | KTW | 18 | 1.60 | R390-18 06 16H-KTW | | | ★ | | | | | 11.0 | 15.4 | 6.33 | 8.6 |
| | PLW | 11 | 0.80 | R390-11 T3 08E-PLW | ★ | ☆ | | ☆ | ☆ | ☆ | ☆ | 6.8 | 10.0 | 3.59 | 5.0 |
| | | 18 | 1.60 | R390-18 06 16H-PTW | ★ | ☆ | | | | ☆ | ☆ | 11.0 | 15.4 | 6.33 | 8.6 |

KRINS 90°






## Moderne snijmaterialen

| | | | RE | Bestelnummer | N | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | CD10 | W1 | LE | S | BS |
| Licht | NL | 11 | 0.40 | R390-11T304E-P4-NL | ★ | 6.8 | 4.0 | 3.59 | 2.2 |
| | | 17 | 0.80 | R390-170408E-P6-NL | ★ | 9.6 | 6.0 | 4.76 | 1.8 |

I58 I154 I175 N23 N10 N2



SANDVIK Coromant

# CoroMill® 690

## De snijkant voor het frezen van titanium

### Toepassing

- 2D Profielfrezen van titanium
- Afkanten en sleuffrezen

### ISO toepassingsgebied:

S

### Voordelen en kenmerken

- Frezen van titaan met hoge productiviteit
- ILock™-koppeling biedt een veilig proces, verhoogde voeding en een langere standtijd
- Toevoer van snijvloeistof, individueel naar elke wisselplaatzitting
- Volledig geregelde doorstroming en druk door schroefdraadgaten - voorzien van spuitmonden of plugschroeven
- Unieke eind- en zijwisselplaten voor optimale prestaties




www.sandvik.coromant.com/coromill690

### Koppelingen

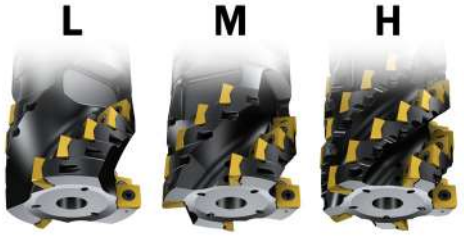
- Coromant Capto®
- Doorn
- HSK
- Versie in zeer grote afmeting leverbaar

### Wisselplaten

- Vier snijkanten
- SL-geometrie geoptimaliseerd voor titaan

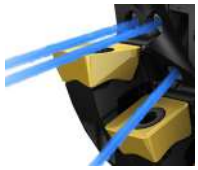



P-SL = zijde (of periferie) wisselplaat
E-SL = eindwisselplaat




Wijdvertand Dichtvertand Extra dichtvertand

### Koelvloeistofkanalen



Tijdens het snijden, hebben de spanen de neiging te hechten aan de snijkant. Dit betekent dat de volgende freesrotatie de spaan opnieuw snijdt. Door elke wisselplaatzitting uit te rusten met koelmiddelgaten met schroefdraad met spuitmonden voor toevoer van hoge druk koelmiddel, kunt u een maximale hoeveelheid koelmiddel toevoeren daar waar nodig. Dit elimineert effectief het probleem en resulteert in constante snijkantprestaties. Toevoeren van snijvloeistof naar alle wisselplaatzittingen in de lange snijkantsfrees vereist hoge pompvolumes en drukcapaciteiten.

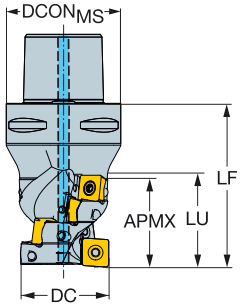
I80 I82

# CoroMill® 690 lange snijkant hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 90°






| DC | APMXFFW | | | CZCMS | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | LF | LU | NM | KG | RPMX | CICT | MIIDE | MIIDP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 53.0 | 10E | 10P | C6 | 3 | 2 | | 690-040C6-1053H | 63.0 | 40.0 | 95.0 | 55.0 | 3.0 | 1.54 | 5000 | 10 | 690-100508M-E-SL | 690-100510M-P-SL |
| 44.0 | 46.0 | 10E | 10P | C4 | 3 | 3 | | 690-044C4-1046H | 40.0 | 44.0 | 82.0 | | 3.0 | 0.81 | 5000 | 15 | 690-100508M-E-SL | 690-100510M-P-SL |
| 50.0 | 53.0 | 10E | 10P | C5 | 3 | 3 | | 690-050C5-1053H | 50.0 | 50.0 | 90.0 | 70.0 | 3.0 | 1.16 | 5000 | 3 | 690-100508M-E-SL | 690-100510M-P-SL |
| 54.0 | 53.0 | 10E | 10P | C5 | 3 | 3 | | 690-054C5-1053H | 50.0 | 54.0 | 90.0 | | 3.0 | 1.31 | 5000 | 3 | 690-100508M-E-SL | 690-100510M-P-SL |
| | 61.0 | 14E | 14P | C5 | 3 | 3 | | 690-054C5-1461H | 50.0 | 54.0 | 97.0 | | 5.0 | 1.39 | 5000 | 3 | 690-140608M-E-SL | 690-140610M-P-SL |
| 63.0 | 60.0 | 10E | 10P | C6 | 3 | | 3 | 690-063C6-1060M | 63.0 | 63.0 | 100.0 | 78.0 | 3.0 | 2.21 | 5000 | 3 | 690-100508M-E-SL | 690-100510M-P-SL |
| | 61.0 | 14E | 14P | C6 | 3 | 3 | | 690-063C6-1461H | 63.0 | 63.0 | 103.0 | 79.0 | 5.0 | 2.13 | 5000 | 3 | 690-140608M-E-SL | 690-140610M-P-SL |
| | 112.0 | 10E | 10P | C6 | 3 | 4 | | 690-063C6-10112H | 63.0 | 63.0 | 156.0 | 134.0 | 3.0 | 2.85 | 5000 | 56 | 690-100508M-E-SL | 690-100510M-P-SL |
| 66.0 | 49.0 | 14E | 14P | C6 | 3 | 3 | | 690-066C6-1449H | 63.0 | 66.0 | 90.0 | | 5.0 | 2.01 | 5000 | 3 | 690-140608M-E-SL | 690-140610M-P-SL |
| | 53.0 | 10E | 10P | C6 | 3 | 4 | | 690-066C6-1053H | 63.0 | 66.0 | 92.0 | | 3.0 | 2.19 | 5000 | 24 | 690-100508M-E-SL | 690-100510M-P-SL |
| | 105.0 | 10E | 10P | C6 | 3 | 4 | | 690-066C6-10105H | 63.0 | 66.0 | 150.0 | | 3.0 | 2.88 | 5000 | 52 | 690-100508M-E-SL | 690-100510M-P-SL |
| 80.0 | 73.0 | 14E | 14P | C8 | 3 | 4 | | 690-080C8-1473H | 80.0 | 80.0 | 128.0 | 92.0 | 5.0 | 4.24 | 5000 | 4 | 690-140608M-E-SL | 690-140610M-P-SL |
| 84.0 | 61.0 | 14E | 14P | C8 | 3 | | 4 | 690-084C8-1461M | 80.0 | 84.0 | 110.0 | | 5.0 | 3.93 | 5000 | 4 | 690-140608M-E-SL | 690-140610M-P-SL |
| | 61.0 | 14E | 14P | C8 | 3 | | 3 | 690-084C8-1461L | 80.0 | 84.0 | 112.0 | | 5.0 | 3.99 | 5000 | 3 | 690-140608M-E-SL | 690-140610M-P-SL |
| | 84.0 | 14E | 14P | C8 | 3 | 5 | | 690-084C8-1484H | 80.0 | 84.0 | 132.0 | | 5.0 | 4.57 | 5000 | 5 | 690-140608M-E-SL | 690-140610M-P-SL |
| 100.0 | 108.0 | 14E | 14P | C8 | 3 | 4 | | 690-100C8-14108M | 80.0 | 100.0 | 160.0 | | 5.0 | 6.80 | 5000 | 4 | 690-140608M-E-SL | 690-140610M-P-SL |

| | | Reserve onderdelen | |
|---|---|---|---|
| DC | | Wisselplaat-schroef | Plugschroef |
| 40.00 | 10 | 5513 020-68 | 3214 010-202 |
| 44.00 | 10 | 5513 020-68 | 3214 010-202 |
| 50.00-66.00 | 10 | 5513 020-68 | 3214 010-253 |
| 54.00-100.00 | 14 | 5513 020-55 | 3214 010-253 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

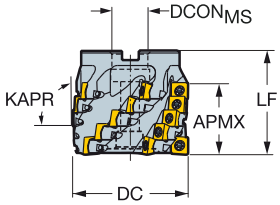
I82 L2 N23 N9 N15

# CoroMill® 690 lange snijkant hoekfrees

**Doorn**

STDNO ISO6462
KAPR 90°



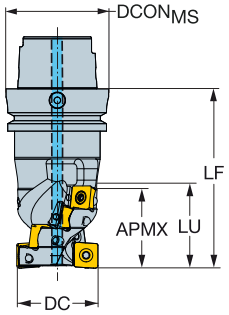



| DC | APMXFFW | | | CZCMS | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DCX | LF | NM | KG | RPMX | CICT | MIIDE | MIIDP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50.0 | 46.0 | 10E | 10P | 22 | 3 | | 690-050Q22-1046H | 22.0 | A | 50.0 | 75.0 | 3.0 | 0.98 | 5000 | 3 | 690-100508M-E-SL | 690-100510M-P-SL |
| 63.0 | 46.0 | 10E | 10P | 27 | | 3 | 690-063Q27-1046M | 27.0 | A | 63.0 | 80.0 | 3.0 | 1.48 | 5000 | 3 | 690-100508M-E-SL | 690-100510M-P-SL |
| | 49.0 | 14E | 14P | 27 | 3 | | 690-063Q27-1449H | 27.0 | A | 63.0 | 80.0 | 5.0 | 1.30 | 5000 | 9 | 690-140608M-E-SL | 690-140610M-P-SL |
| 80.0 | 61.0 | 14E | 14P | 32 | | 3 | 690-080Q32-1461M | 32.0 | A | 80.0 | 98.0 | 5.0 | 2.42 | 5000 | 3 | 690-140608M-E-SL | 690-140610M-P-SL |
| 100.0 | 61.0 | 14E | 14P | 32 | 5 | | 690-100Q32-1461H | 32.0 | A | 100.0 | 90.0 | 5.0 | 3.56 | 5000 | 5 | 690-140608M-E-SL | 690-140610M-P-SL |

**HSK - inwendige koelvloeistoftoevoer**

KAPR 90°






| DC | APMXFFW | | | CZCMS | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | LF | LU | NM | KG | RPMX | CICT | MIIDE | MIIDP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63.0 | 105.0 | 10E | 10P | 125 | 1 | 4 | 690-063HA12-10105H | 125.0 | 63.0 | 180.0 | 110.0 | 3.0 | 7.51 | 5000 | 4 | 690-100508M-E-SL | 690-100510M-P-SL |

| DC | | Reserve onderdelen Wisselplaat-schroef | Plugschroef |
|---|---|---|---|
| 50.00-63.00 | 10 | 5513 020-68 | 3214 010-253 |
| 63.00-100.00 | 14 | 5513 020-55 | 3214 010-253 |

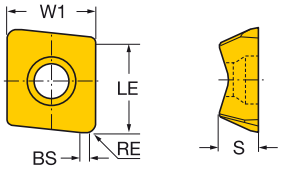
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I82 L2 M1 N23 N9

# CoroMill® 690 freeswisselplaat

KRINS 90°



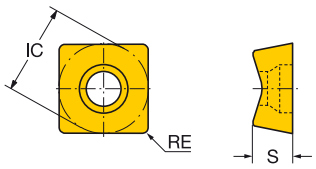



## Uiteinde wisselplaat

| | | | RE | Bestelnummer | S 1030 | S 2040 | S S30T | S S40T | Afmetingen, mm W1 | LE | S | BS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | SL | 10E | 0.80 | 690-100508M-E-SL | ☆ | ☆ | ★ | ☆ | 10.0 | 10.0 | 5.20 | 1.0 |
| | | | 1.20 | 690-100512M-E-SL | ☆ | | ★ | ☆ | 10.0 | 10.0 | 5.20 | 1.0 |
| | | | 1.60 | 690-100516M-E-SL | ☆ | ☆ | ★ | ☆ | 10.0 | 10.0 | 5.20 | 1.0 |
| | | | 2.00 | 690-100520M-E-SL | ☆ | | ★ | ☆ | 10.0 | 10.0 | 5.20 | 1.0 |
| | | | 3.10 | 690-100531M-E-SL | ☆ | ☆ | ★ | ☆ | 10.0 | 10.0 | 5.20 | 1.0 |
| | | 14E | 0.80 | 690-140608M-E-SL | ☆ | ☆ | ★ | ☆ | 14.5 | 14.7 | 6.35 | 1.0 |
| | | | 1.20 | 690-140612M-E-SL | ☆ | | ★ | ☆ | 14.5 | 14.7 | 6.35 | 1.0 |
| | | | 1.60 | 690-140616M-E-SL | ☆ | | ★ | ☆ | 14.5 | 14.7 | 6.35 | 1.0 |
| | | | 2.00 | 690-140620M-E-SL | | | | ☆ | 14.5 | 14.7 | 6.35 | 1.0 |
| | | | 2.40 | 690-140624M-E-SL | | | | ☆ | 14.5 | 14.7 | 6.35 | 1.0 |
| | | | 3.10 | 690-140631M-E-SL | ☆ | | ★ | ☆ | 14.5 | 14.7 | 6.35 | 1.0 |
| | | | 5.00 | 690-140650M-E-SL | | | ★ | | 14.5 | 15.7 | 6.35 | 1.0 |
| | | | 6.00 | 690-140660M-E-SL | ☆ | | ★ | | 14.5 | 16.5 | 6.35 | 1.0 |
| | | | 6.35 | 690-140664M-E-SL | | | ★ | | 14.5 | 16.7 | 6.35 | 1.0 |

KRINS 90°






## Omtrekwisselplaat

| | | | RE | Bestelnummer | S 1030 | S 2040 | S S30T | S S40T | Afmetingen, mm IC | LE | S |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | SL | 10P | 1.00 | 690-100510M-P-SL | ☆ | ☆ | ★ | ☆ | 10.0 | 9.0 | 5.20 |
| | | 14P | 1.00 | 690-140610M-P-SL | ☆ | ☆ | ★ | ☆ | 14.5 | 13.5 | 6.35 |

I80 I154 I175 N23 N10



SANDVIK Coromant

# CoroMill® Century

## Licht snijdende vlakfrees voor nabewerken met hoge snelheid

### Toepassing

- Hoekfrezen
- Vlakfrezen



### ISO toepassingsgebied:

P M K N S H

### Voordelen en kenmerken

- Hoge snelheidsbewerking, veiligheid door het ontwerp
- Intensievere spaanafvoer door versnelde koelvloeistofstroom
- Gemakkelijke instelling tot micronauwkeurigheid binnen 0,1 mm instelbereik
- Hooggelegeerd aluminium lichaam met opsteekdoornbevestiging
- Wisselplaatoptie voor nafrezen met hoge voeding

www.sandvik.coromant.com/coromillcentury

### Koppelingen

- Coromant Capto®
- Doorn
- HSK

### Wisselplaten

- Een of twee snijkanten
- Groot assortiment aan hoekradii en aanschuiningen
- Wisselplaatgeometrieën en hardmetaalsoorten voor alle materialen, inclusief PCD en CBN

### Micro-instelling:

Microprecisie-instelling van wisselplaat binnen 0.1 mm instelbereik op cassetteoplossing.



### Macro-instelling:

Macro-instelling van wisselplaat binnen 1 mm instelbereik.

### Wisselplaatinstelling

Getande wisselplaatlocatie biedt een zeer grote veiligheid tegen het bewegen van de wisselplaat.



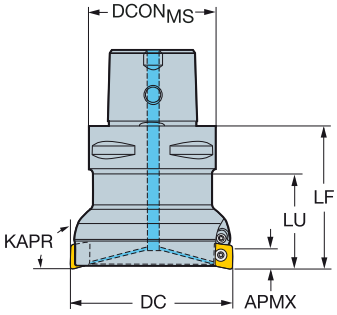
I84 I87 N6

# CoroMill® Century hoekfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | ZADJ | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 11 | C3 | 11.00 | 3 | 3 | 3 | **R590-040C3-11M** | 32.0 | 55.0 | 40.0 | 3.0 | 0.65 | 48000 | 3 | R590-1105.. |
| | 11 | C4 | 11.00 | 3 | 3 | 3 | **R590-040C4-11M** | 40.0 | 63.0 | 40.0 | 3.0 | 0.83 | 39000 | 3 | R590-1105.. |
| 50.0 | 11 | C5 | 11.00 | 3 | 4 | 4 | **R590-050C5-11M** | 50.0 | 63.0 | 40.0 | 3.0 | 1.38 | 28000 | 4 | R590-1105.. |
| 63.0 | 11 | C5 | 11.00 | 3 | 5 | 5 | **R590-063C5-11M** | 50.0 | 63.0 | 40.0 | 3.0 | 1.50 | 28000 | 5 | R590-1105.. |
| 80.0 | 11 | C6 | 11.00 | 3 | 6 | 6 | **R590-080C6-11M** | 63.0 | 71.0 | | 3.0 | 2.38 | 20000 | 6 | R590-1105.. |

Reserve onderdelen

| Wisselplaat-schroef | Instelinrichting | Schroef voor instelinrichting |
|---|---|---|
| 5513 020-25 | 5513 014-021 | 5513 014-02 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I87 L2 N23 N9 N15

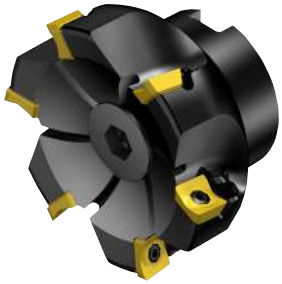


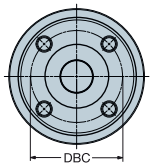
SANDVIK Coromant

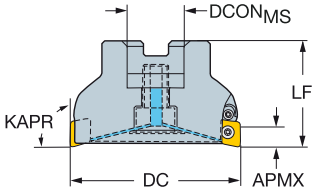
# CoroMill® Century hoekfrees

**Doornbevestiging - inwendige koelvloeistoftoevoer**

STDNO ISO6462
KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | ZADJ | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50.0 | 11 | 22 | 11.00 | 1 | 4 | 4 | R590-050Q22S-11M | 22.0 | A | | 40.0 | 3.0 | 0.68 | 41600 | 4 | R590-1105.. |
| 63.0 | 11 | 22 | 11.00 | 1 | 5 | 5 | R590-063Q22S-11M | 22.0 | A | | 40.0 | 3.0 | 0.81 | 35100 | 5 | R590-1105.. |
| 80.0 | 11 | 27 | 11.00 | 1 | 6 | 6 | R590-080Q27A-11M | 27.0 | A | | 50.0 | 3.0 | 1.04 | 27500 | 6 | R590-1105.. |
| | 11 | 27 | 11.00 | 1 | 6 | 6 | R590-080Q27S-11M | 27.0 | A | | 50.0 | 3.0 | 1.57 | 27500 | 6 | R590-1105.. |
| 100.0 | 11 | 32 | 11.00 | 1 | 6 | 6 | R590-100Q32A-11M | 32.0 | A | | 50.0 | 3.0 | 1.37 | 23800 | 6 | R590-1105.. |
| | 11 | 32 | 11.00 | 1 | 6 | 6 | R590-100Q32S-11M | 32.0 | A | | 50.0 | 3.0 | 2.21 | 23800 | 6 | R590-1105.. |
| 125.0 | 11 | 40 | 11.00 | 1 | 8 | 8 | R590-125Q40A-11M | 40.0 | B | | 63.0 | 3.0 | 1.84 | 20700 | 8 | R590-1105.. |
| | 11 | 40 | 11.00 | 1 | 8 | 8 | R590-125Q40S-11M | 40.0 | B | | 63.0 | 3.0 | 3.34 | 20700 | 8 | R590-1105.. |
| 160.0 | 11 | 40 | 11.00 | 1 | 10 | 10 | R590-160Q40A-11M | 40.0 | B | | 63.0 | 3.0 | 2.74 | 17900 | 10 | R590-1105.. |
| | 11 | 40 | 11.00 | 1 | 10 | 10 | R590-160Q40S-11M | 40.0 | B | | 63.0 | 3.0 | 5.65 | 17900 | 10 | R590-1105.. |
| 200.0 | 11 | 60 | 11.00 | 0 | 16 | 16 | R590-200Q60A-11M | 60.0 | C | 101.6 | 63.0 | 3.0 | 7.26 | 15700 | 16 | R590-1105.. |
| | 11 | 60 | 11.00 | 0 | 16 | 16 | R590-200Q60S-11M | 60.0 | C | 101.6 | 63.0 | 3.0 | 12.00 | 15700 | 16 | R590-1105.. |

| | | Reserve onderdelen | | | |
|---|---|---|---|---|---|
| DC | | Wisselplaat-schroef | Schroef met platte kop | Instelinrichting | Schroef voor instelinrichting |
| 50.00-63.00 | 11 | 5513 020-25 | 5512 087-01 | 5513 014-021 | 5513 014-02 |
| 80.00 | 11 | 5513 020-25 | 5512 087-02 | 5513 014-021 | 5513 014-02 |
| 100.00 | 11 | 5513 020-25 | 5512 087-03 | 5513 014-021 | 5513 014-02 |
| 125.00-160.00 | 11 | 5513 020-25 | 5512 098-03 | 5513 014-021 | 5513 014-02 |
| 200.00 | 11 | 5513 020-25 | | 5513 014-021 | 5513 014-02 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

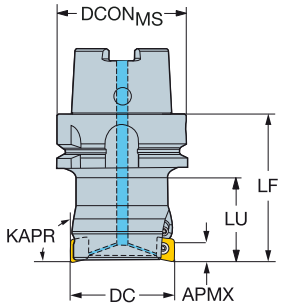
I87 L2 M1 N23 N9 N15

# CoroMill® Century hoekfrees

**HSK - inwendige koelvloeistoftoevoer**

KAPR 90°






| DC | | CZCMS | APMXFFW | CNSC | ZADJ | | Bestelnummer | Afmetingen, mm DCONMS | ISO | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.0 | 11 | 63 | 11.00 | 1 | 3 | 3 | **R590-040HA06-11M** | 63.0 | A | 71.0 | 40.0 | 3.0 | 1.41 | 20000 | 3 | R590-1105.. |
| 50.0 | 11 | 63 | 11.00 | 1 | 4 | 4 | **R590-050HA06-11M** | 63.0 | A | 71.0 | 40.0 | 3.0 | 1.58 | 20000 | 4 | R590-1105.. |

| Reserve onderdelen | | |
|---|---|---|
| Wisselplaat-schroef | Instelinrichting | Schroef voor instelinrichting |
| 5513 020-25 | 5513 014-021 | 5513 014-02 |

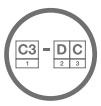
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I87


L2



N23



N9



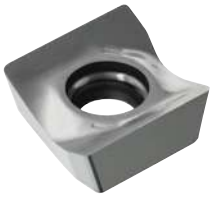
N15

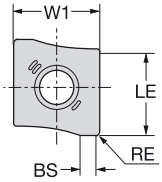


SANDVIK Coromant

# CoroMill® Century freeswisselplaat

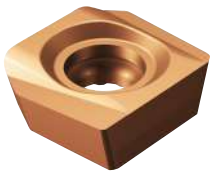
KRINS 90°

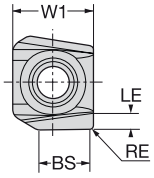





| | | | RE | Bestelnummer | K | | N | H | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1020 | H10 | H10 | 1130 | W1 | LE | S | BS |
| Licht | KL | 11 | 0.80 | R590-110508H-KL | ★ | | | | 11.5 | 11.0 | 5.00 | 1.7 |
| | NL | 11 | 0.40 | R590-110504H-NL | | ☆ | ★ | | 11.5 | 11.0 | 5.00 | 2.0 |
| | PL | 11 | 0.80 | R590-110508H-PL | | | | ☆ | 11.5 | 11.0 | 5.00 | 1.7 |

KRINS 90°






TECHNOLOGY Wiper

| | | | RE | Bestelnummer | P | M | K | N | | S | H | Afmetingen, mm | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 1130 | 1020 | 1130 | H10 | 1130 | 1130 | W1 | LE | S | BS | BSR |
| Licht | KTW | 11 | 0.40 | R590-110504H-KTW | | | ☆ | | | | | 11.5 | 11.0 | 5.00 | 7.0 | |
| | KW | 11 | 0.80 | R590-110508H-KW | | | | | | | ☆ | 11.5 | 11.0 | 5.00 | 7.0 | 500.0 |
| | NW | 11 | 0.40 | R590-110504H-NW | | | | | ☆ | | ☆ | 11.5 | 11.0 | 5.00 | 7.0 | 500.0 |
| | PTW | 11 | 0.40 | R590-110504H-PTW | ☆ | ☆ | | ☆ | | ☆ | ☆ | 11.5 | 11.0 | 5.00 | 7.0 | |
| | PW | 11 | 0.80 | R590-110508H-PW | ☆ | ☆ | | ☆ | | ☆ | ☆ | 11.5 | 11.0 | 5.00 | 7.0 | 500.0 |

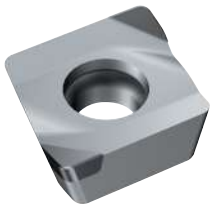
Let erop dat een bewerkingswisselplaat en wiper wisselplaat met dezelfde RE/KCH-waarden wordt gekozen

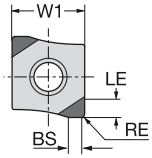
I84 I154 I175 N23 N6 N10 N2

# CoroMill® Century freeswisselplaat

**Moderne snijmaterialen**

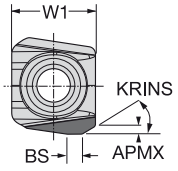
KRINS 90°



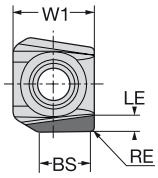


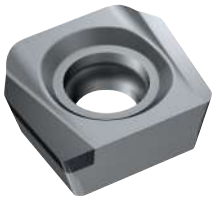

| | | | RE | KCH | CHW | Bestelnummer | K CB50 | H CB50 | Afmetingen, mm W1 | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | KL | 11 | | 30° | 1.0 | L590-1105H-ZC2-KL | ☆ | ☆ | 11.5 | 3.0 | 5.00 | 2.3 | 200.0 |
| | | | | 60° | 1.5 | R590-1105H-ZC2-KL | ☆ | ☆ | 11.5 | 3.0 | 5.00 | 2.3 | 200.0 |
| Middelmatig | KM | 11 | 0.80 | | | R590-110508H-PR2-KM | ☆ | ☆ | 11.5 | 2.0 | 5.00 | 1.5 | 25.0 |

KRINS 90°
R/L590..H-Z..-KW




90°
R590..PR2-KW



TECHNOLOGY Wiper

| | | | RE | KCH | CHW | Bestelnummer | K CB50 | H CB50 | Afmetingen, mm W1 | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | KW | 11 | | 30° | 1.0 | L590-1105H-ZC2-KW | ☆ | ☆ | 11.5 | 3.0 | 5.00 | 5.9 | 390.0 |
| | | | | 60° | 1.5 | R590-1105H-ZC2-KW | ☆ | ☆ | 11.5 | 3.0 | 5.00 | 5.9 | 390.0 |
| | NW | 11 | 0.80 | | | R590-110508H-PR2-KW | ☆ | ☆ | 11.5 | 2.0 | 5.00 | 7.1 | 393.0 |

Let erop dat een bewerkingswisselplaat en wiper wisselplaat met dezelfde RE/KCH-waarden wordt gekozen

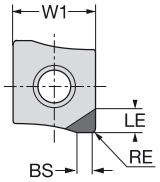
I84 I154 I175 N23 N6 N10 N2

# CoroMill® Century freeswisselplaat

**Moderne snijmaterialen**

KRINS 90°

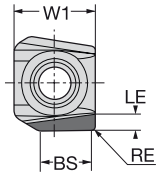





| | | | RE | KCH | CHW | Bestelnummer | N CD10 | Afmetingen, mm W1 | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | NL | 11 | | 45° | 1.0 | R590-1105H-PC2-NL | ★ | 11.5 | 3.0 | 5.00 | 1.5 | 200.0 |
| | | | | 45° | 1.0 | R590-1105H-PC5-NL | ★ | 11.5 | 6.0 | 5.00 | 1.5 | 200.0 |
| | | | 0.40 | | | R590-1105H-PR2-NL | ★ | 11.5 | 3.0 | 5.00 | 2.2 | 200.0 |
| | | | 0.40 | | | R590-1105H-PR5-NL | ★ | 11.5 | 6.0 | 5.00 | 2.2 | 200.0 |
| | | | | 45° | 0.3 | R590-1105H-PS2-NL | ★ | 11.5 | 3.0 | 5.00 | 2.2 | 200.0 |
| | | | | 45° | 0.1 | R590-1105H-PS5-NL | ★ | 11.5 | 6.0 | 5.00 | 2.2 | 200.0 |

KRINS 90°





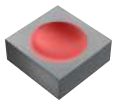
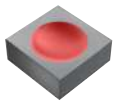
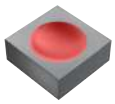
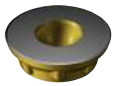
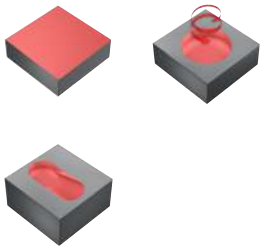
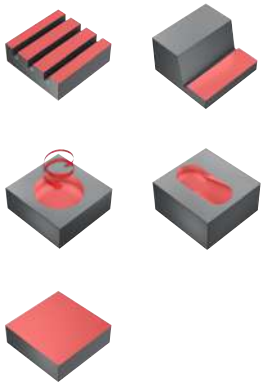
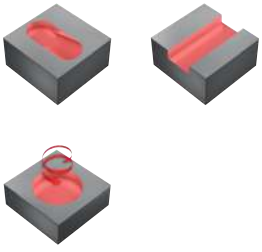

TECHNOLOGY Wiper

| | | | RE | KCH | CHW | Bestelnummer | N CD10 | Afmetingen, mm W1 | LE | S | BS | BSR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | NW | 11 | | 45° | 1.2 | R590-1105H-RC2-NW | ☆ | 11.5 | 3.0 | 5.00 | 6.0 | 500.0 |
| | | | 0.40 | | | R590-1105H-RR2-NW | ☆ | 11.5 | 3.0 | 5.00 | 6.8 | 500.0 |
| | | | | 45° | 0.3 | R590-1105H-RS2-NW | ☆ | 11.5 | 3.0 | 5.00 | 7.0 | 500.0 |

Let erop dat een bewerkingswisselplaat en wiper wisselplaat met dezelfde RE/KCH-waarden wordt gekozen

I84 I154 I175 N23 N6 N10 N2

# Profielfrezen

| | CoroMill® 300 | CoroMill® 200 | CoroMill® 216 |
|---|---|---|---|
| |  |  |  |
| Pagina | I91 | I100 | I105 |
| Materiaal | P M K N S H | P M K N S H | P M K N S H |
| Hoofdbewerking |  |  |  |
| KAPR | 0° | 0° | 90° |
| $D_c$ mm | 5 - 180 | 15 - 140 | 10 - 50 |
| DCX mm | 10 - 200 | 25 - 160 | 10 - 50 |
| APMX mm | 2.5 - 10 | 5 - 10 | 8.6 - 44.6 |
| Wisselplaat |  |  |  |
| Plaatgrootte | 05,07,08,10,12,16 & 20 | 10,12,16 & 20 | 10,12,16,20,25,30,32, 40 & 50 |
| Koppelingen | Coromant Capto®<br>Coromant EH<br>Cilindrisch<br>Doorn<br>Weldon<br>Draadkoppeling | Cilindrische schacht<br>Doorn | Coromant Capto®<br>Cilindrische schacht<br>Coromant EH<br>Draadkoppeling<br>Weldon |
| Inwendige koelvloeistof | ✓ | | ✓ |
| Opties | | Bescherming tipzitting d.m.v. onderlegplaat | |
| Overige bewerkingen |  |  |  |

# CoroMill® 300

## Licht snijdende vlakfrezen en profielfrezen

### Toepassing

- ”Vol” frezen
- Vlakfrezen
- Infrezen
- Profielfrezen
- Uitsparingen frezen



### ISO toepassingsgebied:

P M K N S H

### Voordelen en kenmerken

- Universeel product met een breed toepassingsspectrum
- Groot assortiment, waardoor vele toepassingen worden afgedekt
- Frezen in een positieve uitvoering vertonen een licht snijdende werking en genereren lage snijkrachten, wat voor hoge productiviteit bij hoge snelheden een extra dichte vertanding mogelijk maakt met kleine wisselplaten, gecombineerd met hoge tafelvoedingen
- Vingerfrezen met superieure toegankelijkheid en snijwerking in alle voedingsrichtingen voor meerassige bewerkingen van complexe vormen

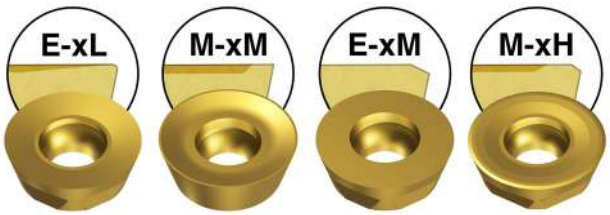
www.sandvik.coromant.com/coromill300

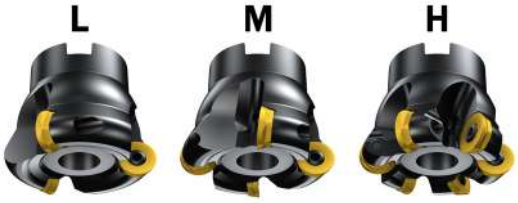
### Koppelingen

- Coromant Capto®
- Doorn
- Cilindrische schacht
- Weldon
- Coromant EH
- Schroefdraadkoppelingen en hardmetaalsoorten voor alle materialen

### Wisselplaten

- Wisselplaatgeometrieën en hardmetaalsoorten voor alle materialen




Wijdvertand Dichtvertand Extra dichtvertand

Een specifieke oplossing voor de instelling van wisselplaten met grootte 20 voorkomt beweging van de wisselplaat en maakt het mogelijk alle snijkanten te gebruiken.



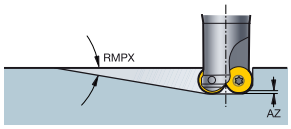
I92 I99 N6

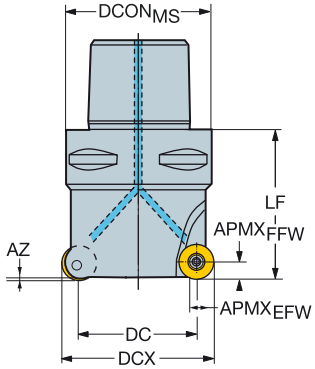
# CoroMill® 300 vlakfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**

**Positieve uitvoering**






| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCX | BD | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23.0 | 12 | C3 | 9.0 | 6.00 | 10° | 3.0 | 3 | | 3 | R300-035C3-12M | 32.0 | 35.0 | 28.3 | 43.0 | 3.0 | 0.36 | 32900 | 3 | R300-1240.. |
| | 12 | C3 | 9.0 | 6.00 | 10° | 3.0 | 3 | 4 | | R300-035C3-12H | 32.0 | 35.0 | 28.3 | 43.0 | 3.0 | 0.30 | 32900 | 4 | R300-1240.. |
| 25.0 | 10 | C3 | 7.5 | 5.00 | 7° | 2.3 | 3 | 4 | | R300-035C3-10H | 32.0 | 35.0 | 29.1 | 40.0 | 3.0 | 0.36 | 43200 | 4 | R300-1032.. |
| 27.0 | 08 | C3 | 6.0 | 4.00 | 4° | 1.9 | 3 | | 4 | R300-035C3-08M | 32.0 | 35.0 | 30.3 | 40.0 | 1.2 | 0.31 | 33800 | 4 | R300-0828.. |
| | 08 | C3 | 6.0 | 4.00 | 4° | 1.9 | 3 | 5 | | R300-035C3-08H | 32.0 | 35.0 | 30.3 | 40.0 | 1.2 | 0.31 | 33800 | 5 | R300-0828.. |
| 30.0 | 12 | C4 | 9.0 | 6.00 | 7° | 3.0 | 3 | | 3 | R300-042C4-12M | 40.0 | 42.0 | 35.3 | 50.0 | 3.0 | 0.60 | 28300 | 3 | R300-1240.. |
| | 12 | C4 | 9.0 | 6.00 | 7° | 3.0 | 3 | 4 | | R300-042C4-12H | 40.0 | 42.0 | 35.3 | 50.0 | 3.0 | 0.58 | 28300 | 4 | R300-1240.. |
| 32.0 | 10 | C4 | 7.5 | 5.00 | 5° | 2.3 | 3 | 5 | | R300-042C4-10H | 40.0 | 42.0 | 36.1 | 50.0 | 3.0 | 0.58 | 37200 | 5 | R300-1032.. |
| 34.0 | 08 | C4 | 6.0 | 4.00 | 3° | 1.9 | 3 | 6 | | R300-042C4-08H | 40.0 | 42.0 | 37.3 | 50.0 | 1.2 | 0.40 | 29800 | 6 | R300-0828.. |
| 36.0 | 16 | C5 | 12.0 | 8.00 | 7° | 3.8 | 3 | | 4 | R300-052C5-16M | 50.0 | 52.0 | 40.9 | 60.0 | 5.0 | 1.04 | 20600 | 4 | R300-1648.. |
| | 16 | C5 | 12.0 | 8.00 | 7° | 3.8 | 3 | 5 | | R300-052C5-16H | 50.0 | 52.0 | 40.9 | 60.0 | 5.0 | 1.04 | 20600 | 5 | R300-1648.. |
| 40.0 | 12 | C5 | 9.0 | 6.00 | 5° | 3.0 | 3 | | 4 | R300-052C5-12M | 50.0 | 52.0 | 45.3 | 50.0 | 3.0 | 0.98 | 24400 | 4 | R300-1240.. |
| | 12 | C5 | 9.0 | 6.00 | 5° | 3.0 | 3 | 5 | | R300-052C5-12H | 50.0 | 52.0 | 45.3 | 50.0 | 3.0 | 0.99 | 24000 | 5 | R300-1240.. |
| 44.0 | 08 | C5 | 6.0 | 4.00 | 2° | 1.9 | 3 | 8 | | R300-052C5-08H | 50.0 | 52.0 | 47.3 | 50.0 | 1.2 | 1.00 | 26100 | 8 | R300-0828.. |
| 46.0 | 20 | C6 | 15.0 | 10.00 | 9° | 6.0 | 3 | | 4 | R300-066C6-20M | 63.0 | 66.0 | | 80.0 | 7.5 | 1.88 | 18478 | 4 | R300-2060.. |
| | 20 | C6 | 15.0 | 10.00 | 9° | 6.0 | 3 | 5 | | R300-066C6-20H | 63.0 | 66.0 | | 80.0 | 7.5 | 1.83 | 18478 | 5 | R300-2060.. |
| 50.0 | 16 | C6 | 12.0 | 8.00 | 4° | 3.8 | 3 | | 5 | R300-066C6-16M | 63.0 | 66.0 | 54.9 | 60.0 | 5.0 | 1.77 | 17600 | 5 | R300-1648.. |
| | 16 | C6 | 12.0 | 8.00 | 4° | 3.8 | 3 | 6 | | R300-066C6-16H | 63.0 | 66.0 | 54.9 | 60.0 | 5.0 | 1.75 | 17600 | 6 | R300-1648.. |
| 54.0 | 12 | C6 | 9.0 | 6.00 | 3° | 3.0 | 3 | | 5 | R300-066C6-12M | 63.0 | 66.0 | 59.3 | 50.0 | 3.0 | 1.65 | 21700 | 5 | R300-1240.. |
| | 12 | C6 | 9.0 | 6.00 | 3° | 3.0 | 3 | 7 | | R300-066C6-12H | 63.0 | 66.0 | 59.3 | 50.0 | 3.0 | 1.67 | 21700 | 7 | R300-1240.. |
| 58.0 | 08 | C6 | 6.0 | 4.00 | 1° | 1.9 | 3 | 10 | | R300-066C6-08H | 63.0 | 66.0 | 61.3 | 50.0 | 1.2 | 1.65 | 23100 | 10 | R300-0828.. |
| 60.0 | 20 | C6 | 15.0 | 10.00 | 6° | 6.0 | 3 | | 5 | R300-080C6-20M | 63.0 | 80.0 | | 80.0 | 7.5 | 2.24 | 15622 | 5 | R300-2060.. |
| | 20 | C6 | 15.0 | 10.00 | 6° | 6.0 | 3 | 6 | | R300-080C6-20H | 63.0 | 80.0 | | 80.0 | 7.5 | 2.20 | 15622 | 6 | R300-2060.. |
| 64.0 | 16 | C6 | 12.0 | 8.00 | 3° | 3.8 | 3 | | 5 | R300-080C6-16M | 63.0 | 80.0 | 68.9 | 60.0 | 5.0 | 2.02 | 15400 | 5 | R300-1648.. |
| | 16 | C6 | 12.0 | 8.00 | 3° | 3.8 | 3 | 7 | | R300-080C6-16H | 63.0 | 80.0 | 68.9 | 60.0 | 5.0 | 2.02 | 15400 | 7 | R300-1648.. |
| 68.0 | 12 | C6 | 9.0 | 6.00 | 2° | 3.0 | 3 | | 6 | R300-080C6-12M | 63.0 | 80.0 | 73.3 | 50.0 | 3.0 | 1.82 | 18900 | 6 | R300-1240.. |
| | 12 | C6 | 9.0 | 6.00 | 2° | 3.0 | 3 | 8 | | R300-080C6-12H | 63.0 | 80.0 | 59.3 | 50.0 | 3.0 | 1.72 | 18900 | 8 | R300-1240.. |
| 72.0 | 08 | C6 | 6.0 | 4.00 | 1° | 1.9 | 3 | 12 | | R300-080C6-08H | 63.0 | 80.0 | 75.3 | 50.0 | 1.2 | 1.84 | 20500 | 12 | R300-0828.. |
| 80.0 | 20 | C8 | 15.0 | 10.00 | 4° | 6.0 | 3 | | 6 | R300-100C8-20M | 80.0 | 100.0 | | 80.0 | 7.5 | 3.72 | 12843 | 6 | R300-2060.. |
| | 20 | C8 | 15.0 | 10.00 | 4° | 6.0 | 3 | 7 | | R300-100C8-20H | 80.0 | 100.0 | | 80.0 | 7.5 | 3.48 | 12843 | 7 | R300-2060.. |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 08 | 5513 020-56 |
| 10 | 5513 020-09 |
| 12 | 5513 020-09 |
| 16 | 5513 020-50 |
| 20 | 5513 020-31 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

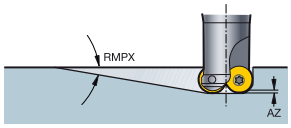
I99 L2 N23 N6 N9 N15

# CoroMill® 300 vlakfrees

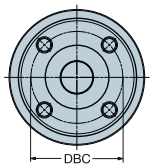
**Doornbevestiging - inwendige koelvloeistoftoevoer**

**Positieve uitvoering**

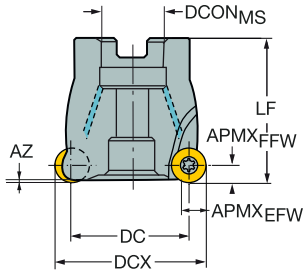





STDNO




ISO6462




| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | DCX | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.0 | 08 | 16 | 6.0 | 4.00 | 3° | 1.9 | 1 | | 5 | R300-040Q16-08M | 16.0 | A | | 40.0 | 40.0 | 1.2 | 0.44 | 30800 | 5 | R300-0828.. |
| | 08 | 16 | 6.0 | 4.00 | 3° | 1.9 | 1 | 6 | | R300-040Q16-08H | 16.0 | A | | 40.0 | 40.0 | 1.2 | 0.20 | 30800 | 6 | R300-0828.. |
| 38.0 | 12 | 22 | 9.0 | 6.00 | 5° | 3.0 | 1 | | 4 | R300-050Q22-12M | 22.0 | A | | 50.0 | 50.0 | 3.0 | 0.44 | 25000 | 4 | R300-1240.. |
| | 12 | 22 | 9.0 | 6.00 | 5° | 3.0 | 1 | 5 | | R300-050Q22-12H | 22.0 | A | | 50.0 | 50.0 | 3.0 | 0.40 | 25000 | 5 | R300-1240.. |
| 40.0 | 12 | 22 | 9.0 | 6.00 | 5° | 3.0 | 1 | | 4 | R300-052Q22-12M | 22.0 | A | | 52.0 | 50.0 | 3.0 | 0.79 | 24400 | 4 | R300-1240.. |
| | 12 | 22 | 9.0 | 6.00 | 5° | 3.0 | 1 | 5 | | R300-052Q22-12H | 22.0 | A | | 52.0 | 50.0 | 3.0 | 0.46 | 24400 | 5 | R300-1240.. |
| 42.0 | 08 | 22 | 6.0 | 4.00 | 2° | 1.9 | 1 | 8 | | R300-050Q22-08H | 22.0 | A | | 50.0 | 50.0 | 1.2 | 0.45 | 26700 | 8 | R300-0828.. |
| 44.0 | 08 | 22 | 6.0 | 4.00 | 2° | 1.9 | 1 | 8 | | R300-052Q22-08H | 22.0 | A | | 52.0 | 50.0 | 1.2 | 0.85 | 26100 | 8 | R300-0828.. |
| 47.0 | 16 | 22 | 12.0 | 8.00 | 5° | 3.8 | 1 | | 4 | R300-063Q22-16M | 22.0 | A | | 63.0 | 50.0 | 5.0 | 0.72 | 18200 | 4 | R300-1648.. |
| | 16 | 22 | 12.0 | 8.00 | 5° | 3.8 | 1 | 6 | | R300-063Q22-16H | 22.0 | A | | 63.0 | 50.0 | 5.0 | 0.86 | 18200 | 6 | R300-1648.. |
| 51.0 | 12 | 22 | 9.0 | 6.00 | 3° | 3.0 | 1 | | 4 | R300-063Q22-12L | 22.0 | A | | 63.0 | 50.0 | 3.0 | 0.97 | 22100 | 4 | R300-1240.. |
| | 12 | 22 | 9.0 | 6.00 | 3° | 3.0 | 1 | | 5 | R300-063Q22-12M | 22.0 | A | | 63.0 | 50.0 | 3.0 | 0.60 | 22100 | 5 | R300-1240.. |
| | 12 | 22 | 9.0 | 6.00 | 3° | 3.0 | 1 | 7 | | R300-063Q22-12H | 22.0 | A | | 63.0 | 50.0 | 3.0 | 0.57 | 22100 | 7 | R300-1240.. |
| 55.0 | 08 | 22 | 6.0 | 4.00 | 1° | 1.9 | 1 | 10 | | R300-063Q22-08H | 22.0 | A | | 63.0 | 50.0 | 1.2 | 0.82 | 23700 | 10 | R300-0828.. |
| 60.0 | 20 | 27 | 15.0 | 10.00 | 6° | 6.0 | 1 | | 5 | R300-080Q27-20M | 27.0 | A | | 80.0 | 50.0 | 7.5 | 0.95 | 15622 | 5 | R300-2060.. |
| | 20 | 27 | 15.0 | 10.00 | 6° | 6.0 | 1 | 6 | | R300-080Q27-20H | 27.0 | A | | 80.0 | 50.0 | 7.5 | 1.07 | 15622 | 6 | R300-2060.. |
| 64.0 | 16 | 27 | 12.0 | 8.00 | 3° | 3.8 | 1 | | 5 | R300-080Q27-16M | 27.0 | A | | 80.0 | 50.0 | 5.0 | 0.98 | 15400 | 5 | R300-1648.. |
| | 16 | 27 | 12.0 | 8.00 | 3° | 3.8 | 1 | 7 | | R300-080Q27-16H | 27.0 | A | | 80.0 | 50.0 | 5.0 | 1.15 | 15400 | 7 | R300-1648.. |
| 68.0 | 12 | 27 | 9.0 | 6.00 | 2° | 3.0 | 1 | | 6 | R300-080Q27-12M | 27.0 | A | | 80.0 | 50.0 | 3.0 | 0.90 | 18900 | 6 | R300-1240.. |
| | 12 | 27 | 9.0 | 6.00 | 2° | 3.0 | 1 | 8 | | R300-080Q27-12H | 27.0 | A | | 80.0 | 50.0 | 3.0 | 1.06 | 18900 | 8 | R300-1240.. |
| 72.0 | 08 | 27 | 6.0 | 4.00 | 1° | 1.9 | 1 | 12 | | R300-080Q27-08H | 27.0 | A | | 80.0 | 50.0 | 1.2 | 1.31 | 20500 | 12 | R300-0828.. |
| 80.0 | 20 | 32 | 15.0 | 10.00 | 4° | 6.0 | 1 | | 5 | R300-100Q32-20L | 32.0 | A | | 100.0 | 63.0 | 7.5 | 2.46 | 12843 | 5 | R300-2060.. |
| | 20 | 32 | 15.0 | 10.00 | 4° | 6.0 | 1 | | 6 | R300-100Q32-20M | 32.0 | A | | 100.0 | 63.0 | 7.5 | 2.40 | 12843 | 6 | R300-2060.. |
| | 20 | 32 | 15.0 | 10.00 | 4° | 6.0 | 1 | 7 | | R300-100Q32-20H | 32.0 | A | | 100.0 | 63.0 | 7.5 | 2.41 | 12843 | 7 | R300-2060.. |
| 84.0 | 16 | 32 | 12.0 | 8.00 | 2° | 3.8 | 1 | | 6 | R300-100Q32-16M | 32.0 | A | | 100.0 | 50.0 | 5.0 | 1.68 | 13300 | 6 | R300-1648.. |
| | 16 | 32 | 12.0 | 8.00 | 2° | 3.8 | 1 | 8 | | R300-100Q32-16H | 32.0 | A | | 100.0 | 50.0 | 5.0 | 1.67 | 13300 | 8 | R300-1648.. |
| 105.0 | 20 | 40 | 15.0 | 10.00 | 3° | 6.0 | 1 | | 7 | R300-125Q40-20M | 40.0 | B | | 125.0 | 63.0 | 7.5 | 3.03 | 10768 | 7 | R300-2060.. |
| | 20 | 40 | 15.0 | 10.00 | 3° | 6.0 | 1 | 9 | | R300-125Q40-20H | 40.0 | B | | 125.0 | 63.0 | 7.5 | 2.93 | 10768 | 9 | R300-2060.. |
| 109.0 | 16 | 32 | 12.0 | 8.00 | 1° | 3.8 | 1 | | 8 | R300-125Q32-16M | 32.0 | A | | 125.0 | 63.0 | 5.0 | 2.55 | 11900 | 8 | R300-1648.. |
| | 16 | 32 | 12.0 | 8.00 | 1° | 3.8 | 1 | 10 | | R300-125Q32-16H | 32.0 | A | | 125.0 | 63.0 | 5.0 | 2.88 | 11900 | 10 | R300-1648.. |
| 140.0 | 20 | 40 | 15.0 | 10.00 | 2° | 6.0 | 1 | | 9 | R300-160Q40-20M | 40.0 | B | | 160.0 | 63.0 | 7.5 | 4.93 | 9106 | 9 | R300-2060.. |
| | 20 | 40 | 15.0 | 10.00 | 2° | 6.0 | 1 | 11 | | R300-160Q40-20H | 40.0 | B | | 160.0 | 63.0 | 7.5 | 4.83 | 9106 | 11 | R300-2060.. |
| 180.0 | 20 | 60 | 15.0 | 10.00 | 1° | 6.0 | 0 | | 11 | R300-200Q60-20M | 60.0 | C | 101.6 | 200.0 | 63.0 | 7.5 | 11.20 | 7799 | 11 | R300-2060.. |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 08 | 5513 020-56 |
| 12 | 5513 020-09 |
| 16 | 5513 020-50 |
| 20 | 5513 020-31 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

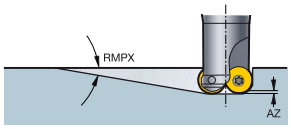
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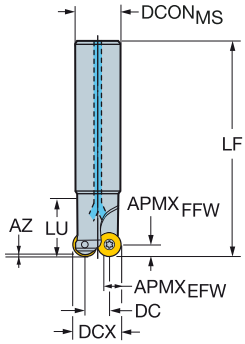
# CoroMill® 300 vlakfrees

**Cilindrische schacht - interne koelmiddeltoevoer**

**Positieve uitvoering**






| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15.0 | 10 | 20 | 7.5 | 5.00 | 13° | 2.3 | 1 | | 2 | R300-025A20-10M | 20.0 | 25.0 | 19.1 | 33.0 | 150.0 | 3.0 | 0.50 | 2850 | 2 | R300-1032.. |
| 17.0 | 08 | 20 | 6.0 | 4.00 | 8° | 1.9 | 1 | | 3 | R300-025A20-08M | 20.0 | 25.0 | 20.3 | 25.0 | 150.0 | 1.2 | 0.44 | 7200 | 3 | R300-0828.. |
| 20.0 | 12 | 25 | 9.0 | 6.00 | 12° | 3.0 | 1 | | 2 | R300-032A25-12M | 25.0 | 32.0 | 25.3 | 25.0 | 190.0 | 3.0 | 0.82 | 8900 | 2 | R300-1240.. |
| | 12 | 25 | 9.0 | 6.00 | 12° | 3.0 | 1 | 3 | | R300-032A25-12H | 25.0 | 32.0 | 25.3 | 25.0 | 150.0 | 3.0 | 0.65 | 3550 | 3 | R300-1240.. |
| 22.0 | 10 | 25 | 7.5 | 5.00 | 7° | 2.3 | 1 | | 3 | R300-032A25-10M | 25.0 | 32.0 | 26.1 | 25.0 | 190.0 | 3.0 | 0.82 | 1470 | 3 | R300-1032.. |
| | 10 | 25 | 7.5 | 5.00 | 7° | 2.3 | 1 | 4 | | R300-032A25-10H | 25.0 | 32.0 | 26.1 | 25.0 | 150.0 | 3.0 | 0.70 | 2850 | 4 | R300-1032.. |
| 24.0 | 08 | 25 | 6.0 | 4.00 | 5° | 1.9 | 1 | | 4 | R300-032A25-08M | 25.0 | 32.0 | 27.3 | 25.0 | 190.0 | 1.2 | 0.79 | 9000 | 4 | R300-0828.. |
| | 08 | 25 | 6.0 | 4.00 | 5° | 1.9 | 1 | 5 | | R300-032A25-08H | 25.0 | 32.0 | 27.3 | 25.0 | 150.0 | 1.2 | 0.61 | 3590 | 5 | R300-0828.. |
| 28.0 | 12 | 32 | 9.0 | 6.00 | 8° | 3.0 | 1 | | 3 | R300-040A32-12M | 32.0 | 40.0 | 33.3 | 25.0 | 250.0 | 3.0 | 1.78 | 1140 | 3 | R300-1240.. |
| | 12 | 32 | 9.0 | 6.00 | 8° | 3.0 | 1 | 4 | | R300-040A32-12H | 32.0 | 40.0 | 33.3 | 25.0 | 150.0 | 3.0 | 1.01 | 2850 | 4 | R300-1240.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 17.00-24.00 | 08 | 5513 020-56 |
| 15.00 | 10 | 5513 020-43 |
| 22.00 | 10 | 5513 020-09 |
| 20.00-28.00 | 12 | 5513 020-09 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

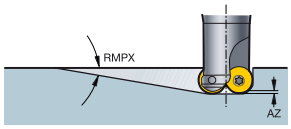
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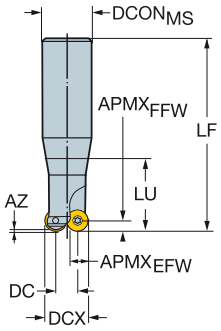
# CoroMill® 300 vlakfrees

**Cilindrische schacht**

**Neutraal model**






| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCX | BD | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.0 | 05 | 16 | 3.8 | 2.50 | 20° | 1.8 | 2 | **R300-010A16L-05L** | 16.0 | 10.0 | 9.1 | 18.0 | 160.0 | 25.4 | 0.6 | 0.32 | 15900 | 2 | R300-0517.. |
| | 07 20 | 16 | 5.3 | 3.50 | 20° | 1.0 | 2 | **R300-012A16L-07L** | 16.0 | 12.0 | 10.4 | 21.0 | 200.0 | 37.8 | 0.9 | 0.38 | 8900 | 2 | R300-0720.. |
| 8.0 | 07 24 | 20 | 5.3 | 3.50 | 20° | 0.9 | 2 | **R300-015A20L-07L** | 20.0 | 15.0 | 13.4 | 25.0 | 200.0 | 43.8 | 0.9 | 0.54 | 12700 | 2 | R300-0724.. |
| | 08 | 20 | 6.0 | 4.00 | 20° | 1.8 | 2 | **R300-016A20L-08L** | 20.0 | 16.0 | 14.1 | 25.0 | 200.0 | 51.9 | 1.2 | 0.54 | 12700 | 2 | R300-0828.. |
| 10.0 | 10 | 25 | 7.5 | 5.00 | 20° | 3.4 | 2 | **R300-020A25L-10L** | 25.0 | 20.0 | 18.1 | 30.0 | 250.0 | 48.8 | 3.0 | 0.87 | 8100 | 2 | R300-1032.. |
| 12.0 | 12 | 25 | 9.0 | 6.00 | 20° | 2.7 | 2 | **R300-024A25L-12L** | 25.0 | 24.0 | 22.1 | 30.0 | 250.0 | 76.0 | 3.0 | 1.20 | 8900 | 2 | R300-1240.. |
| 13.0 | 12 | 32 | 9.0 | 6.00 | 20° | 1.4 | 2 | **R300-025A32L-12L** | 32.0 | 25.0 | 23.1 | 30.0 | 250.0 | 42.9 | 3.0 | 1.69 | 15800 | 2 | R300-1240.. |
| 16.0 | 16 | 32 | 12.0 | 8.00 | 20° | 4.8 | 2 | **R300-032A32L-16L** | 32.0 | 32.0 | 29.0 | 40.0 | 250.0 | 72.2 | 5.0 | 1.76 | 8700 | 2 | R300-1648.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 5.00 | 05 | 5513 020-40 |
| 5.00 | 07 20 | 5513 020-41 |
| 8.00 | 07 24 | 5513 020-42 |
| 8.00 | 08 | 5513 020-36 |
| 10.00 | 10 | 5513 020-43 |
| 12.00-13.00 | 12 | 5513 020-39 |
| 16.00 | 16 | 5513 020-50 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

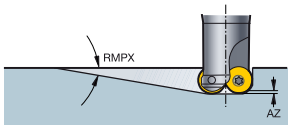
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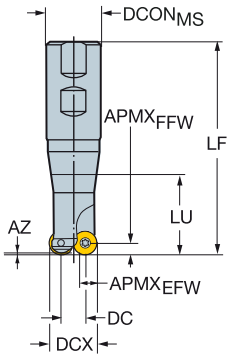
# CoroMill® 300 vlakfrees

**Weldon**

**Neutraal model**






| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ISO | DCX | BD | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.0 | 07 20 | 16 | 5.3 | 3.50 | 20° | 1.0 | 2 | **R300-012B16L-07L** | 16.0 | WE | 12.0 | 10.4 | 21.0 | 109.0 | 37.6 | 0.9 | 0.24 | 34000 | 2 | R300-0720.. |
| 8.0 | 07 24 | 20 | 5.3 | 3.50 | 20° | 0.9 | 2 | **R300-015B20L-07L** | 20.0 | WE | 15.0 | 13.4 | 25.0 | 131.0 | 43.6 | 0.9 | 0.38 | 25000 | 2 | R300-0724.. |
| | 08 | 20 | 6.0 | 4.00 | 20° | 1.8 | 2 | **R300-016B20L-08L** | 20.0 | WE | 16.0 | 14.1 | 25.0 | 131.0 | 51.6 | 1.2 | 0.38 | 24700 | 2 | R300-0828.. |
| 10.0 | 10 | 25 | 7.5 | 5.00 | 20° | 3.4 | 2 | **R300-020B25L-10L** | 25.0 | WE | 20.0 | 18.1 | 30.0 | 137.0 | 48.4 | 3.0 | 0.58 | 34000 | 2 | R300-1032.. |
| 13.0 | 12 | 32 | 9.0 | 6.00 | 20° | 1.4 | 2 | **R300-025B32L-12L** | 32.0 | WE | 25.0 | 23.1 | 30.0 | 141.0 | 42.8 | 3.0 | 0.82 | 20200 | 2 | R300-1240.. |

| | | Reserve onderdelen |
|---|---|---|
| DC | | Wisselplaat-schroef |
| 5.00 | 07 20 | 5513 020-41 |
| 8.00 | 07 24 | 5513 020-42 |
| 8.00 | 08 | 5513 020-36 |
| 10.00 | 10 | 5513 020-43 |
| 13.00 | 12 | 5513 020-39 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I99 L2 N23 N6 N9

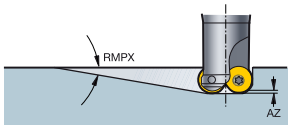


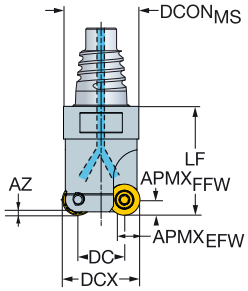
SANDVIK Coromant

# CoroMill® 300 vlakfrees

**Coromant EH - interne koelmiddeltoevoer**






## Neutraal model

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.0 | 05 | E10 | 3.8 | 2.50 | 20° | 1.8 | 1 | 2 | R300-10EH10-05L | 9.7 | 10.0 | 9.0 | 13.1 | 20.0 | 0.6 | 0.06 | 20000 | 2 | R300-0517.. |
| | 07 20 | E12 | 5.3 | 3.50 | 20° | 1.0 | 1 | 2 | R300-12EH12-07L | 11.7 | 12.0 | 10.3 | 17.5 | 25.0 | 0.9 | 0.07 | 20000 | 2 | R300-0720.. |
| 7.0 | 05 | E12 | 3.8 | 2.50 | 10° | 1.0 | 1 | 3 | R300-12EH12-05M | 11.7 | 12.0 | 11.0 | 12.5 | 20.0 | 0.6 | 0.10 | 20000 | 3 | R300-0517.. |
| 8.0 | 07 20 | E12 | 5.3 | 3.50 | 20° | 1.1 | 1 | 3 | R300-15EH12-07M | 11.7 | 15.0 | 13.3 | 17.5 | 25.0 | 0.9 | 0.10 | 20000 | 3 | R300-0720.. |
| | 07 24 | E12 | 5.3 | 3.50 | 20° | 0.9 | 1 | 2 | R300-15EH12-07L | 11.7 | 15.0 | 13.3 | 17.5 | 25.0 | 0.9 | 0.10 | 20000 | 2 | R300-0724.. |
| | 08 | E16 | 6.0 | 4.00 | 20° | 1.8 | 1 | 2 | R300-16EH16-08L | 15.5 | 16.0 | 14.0 | 21.3 | 30.0 | 1.2 | 0.09 | 20000 | 2 | R300-0828.. |
| 9.0 | 07 20 | E16 | 5.3 | 3.50 | 15° | 0.9 | 1 | 3 | R300-16EH16-07M | 15.5 | 16.0 | 14.3 | 16.3 | 25.0 | 0.9 | 0.11 | 20000 | 3 | R300-0720.. |
| 10.0 | 10 | E20 | 7.5 | 5.00 | 20° | 3.4 | 1 | 2 | R300-20EH20-10L | 19.3 | 20.0 | 18.0 | 25.0 | 35.0 | 3.0 | 0.12 | 20000 | 2 | R300-1032.. |
| 12.0 | 08 | E20 | 6.0 | 4.00 | 12° | 1.5 | 1 | 3 | R300-20EH20-08M | 19.3 | 20.0 | 18.0 | 20.0 | 30.0 | 1.2 | 0.13 | 20000 | 3 | R300-0828.. |
| | 12 | E20 | 9.0 | 6.00 | 20° | 2.7 | 1 | 2 | R300-24EH20-12L | 19.3 | 24.0 | 22.0 | 25.0 | 35.0 | 3.0 | 0.17 | 15000 | 2 | R300-1240.. |
| 15.0 | 10 | E25 | 7.5 | 5.00 | 15° | 1.1 | 1 | 2 | R300-25EH25-10L | 24.2 | 25.0 | 23.0 | 24.5 | 35.0 | 3.0 | 0.20 | 15000 | 2 | R300-1032.. |
| | 10 | E25 | 7.5 | 5.00 | 15° | 1.3 | 1 | 3 | R300-25EH25-10M | 24.2 | 25.0 | 23.0 | 24.5 | 35.0 | 3.0 | 0.19 | 15000 | 3 | R300-1032.. |
| 16.0 | 16 | E25 | 12.0 | 8.00 | 20° | 4.8 | 1 | 2 | R300-32EH25-16L | 24.2 | 32.0 | 28.9 | 29.5 | 40.0 | 5.0 | 0.23 | 15000 | 2 | R300-1648.. |
| 20.0 | 12 | E25 | 9.0 | 6.00 | 15° | 1.4 | 1 | 3 | R300-32EH25-12M | 24.2 | 32.0 | 30.0 | 24.5 | 35.0 | 3.0 | 0.21 | 15000 | 3 | R300-1240.. |
| 22.0 | 10 | E25 | 7.5 | 5.00 | 10° | 1.7 | 1 | 4 | R300-32EH25-10H | 24.2 | 32.0 | 30.0 | 24.5 | 35.0 | 3.0 | 0.23 | 15000 | 4 | R300-1032.. |

## Positieve uitvoering

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.0 | 08 | E25 | 6.0 | 4.00 | 5° | 0.6 | 1 | | 3 | R300-25EH25-08M | 24.2 | 25.0 | 20.3 | 24.5 | 35.0 | 1.2 | 0.17 | 15000 | 3 | R300-0828.. |
| 24.0 | 08 | E25 | 6.0 | 4.00 | 5° | 2.0 | 1 | | 4 | R300-32EH25-08M | 24.2 | 32.0 | 27.3 | 24.5 | 35.0 | 1.2 | 0.21 | 15000 | 4 | R300-0828.. |
| | 08 | E25 | 6.0 | 4.00 | 5° | 2.0 | 1 | 5 | | R300-32EH25-08H | 24.2 | 32.0 | 27.3 | 24.5 | 35.0 | 1.2 | 0.20 | 15000 | 5 | R300-0828.. |

## Neutraal model

| DC | | Reserve onderdelen Wisselplaat-schroef |
|---|---|---|
| 5.00-9.00 | 07 20 | 5513 020-41 |
| 8.00 | 07 24 | 5513 020-42 |
| 5.00-7.00 | 05 | 5513 020-40 |
| 8.00-12.00 | 08 | 5513 020-36 |
| 10.00-22.00 | 10 | 5513 020-43 |
| 12.00-20.00 | 12 | 5513 020-39 |
| 16.00 | 16 | 5513 020-50 |

## Positieve uitvoering

| Reserve onderdelen Wisselplaat-schroef |
|---|
| 5513 020-56 |

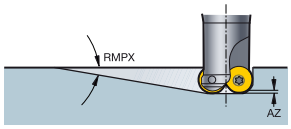
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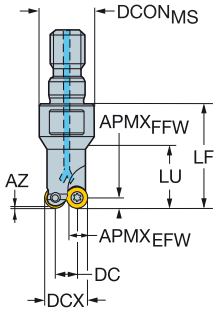
I99 L2 N23 N6 N9 N15 N3

# CoroMill® 300 vlakfrees

**Schroefdraadkoppeling - interne koelmiddeltoevoer**






## Neutraal model

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.0 | 07 20 | M8 | 5.3 | 3.50 | 20° | 1.0 | 0 | 2 | R300-12T08-07L | 12.8 | 12.0 | 10.4 | 21.0 | 25.0 | 17.3 | 0.9 | 0.09 | 9100 | 2 | R300-0720.. |
| 7.0 | 05 | M8 | 3.8 | 2.50 | 10° | 1.0 | 0 | 3 | R300-12T08-05M | 12.8 | 12.0 | 11.1 | 18.0 | 25.0 | | 0.6 | 0.05 | 9100 | 3 | R300-0517.. |
| 8.0 | 07 24 | M8 | 5.3 | 3.50 | 20° | 0.9 | 0 | 2 | R300-15T08-07L | 12.8 | 15.0 | 13.4 | | 25.0 | | 0.9 | 0.10 | 9100 | 2 | R300-0724.. |
| | 08 | M8 | 6.0 | 4.00 | 20° | 1.8 | 0 | 2 | R300-16T08-08L | 12.8 | 16.0 | 14.0 | | 25.0 | | 1.2 | 0.05 | 9100 | 2 | R300-0828.. |
| 10.0 | 10 | M10 | 7.5 | 5.00 | 20° | 3.4 | 1 | 2 | R300-20T10-10L | 17.8 | 20.0 | 18.1 | | 30.0 | | 3.0 | 0.09 | 9100 | 2 | R300-1032.. |
| 12.0 | 08 | M10 | 6.0 | 4.00 | 12° | 1.5 | 1 | 3 | R300-20T10-08M | 17.8 | 20.0 | 18.1 | | 30.0 | | 1.2 | 0.03 | 9100 | 3 | R300-0828.. |
| | 12 | M12 | 9.0 | 6.00 | 20° | 2.7 | 1 | 2 | R300-24T12-12L | 20.8 | 24.0 | 22.1 | | 35.0 | | 3.0 | 0.18 | 9100 | 2 | R300-1240.. |
| 15.0 | 10 | M12 | 7.5 | 5.00 | 15° | 1.1 | 1 | 2 | R300-25T12-10L | 20.8 | 25.0 | 23.1 | | 35.0 | | 3.0 | 0.16 | 9100 | 2 | R300-1032.. |
| | 10 | M12 | 7.5 | 5.00 | 15° | 1.3 | 1 | 3 | R300-25T12-10M | 20.8 | 25.0 | 23.1 | | 35.0 | | 3.0 | 0.20 | 9100 | 3 | R300-1032.. |
| 20.0 | 12 | M16 | 9.0 | 6.00 | 15° | 1.4 | 1 | 3 | R300-32T16-12M | 28.8 | 32.0 | 30.1 | | 45.0 | | 3.0 | 0.31 | 9100 | 3 | R300-1240.. |
| 22.0 | 10 | M16 | 7.5 | 5.00 | 10° | 1.7 | 1 | 4 | R300-32T16-10H | 28.8 | 32.0 | 30.1 | | 45.0 | | 3.0 | 0.33 | 9100 | 4 | R300-1032.. |
| 23.0 | 12 | M16 | 9.0 | 6.00 | 16° | 5.0 | 1 | 3 | R300-35T16-12M | 28.8 | 35.0 | 33.1 | | 45.0 | | 3.0 | 0.34 | 9100 | 3 | R300-1240.. |
| 25.0 | 10 | M16 | 7.5 | 5.00 | 10° | 3.6 | 1 | 4 | R300-35T16-10H | 28.8 | 35.0 | 33.1 | | 45.0 | | 3.0 | 0.38 | 9100 | 4 | R300-1032.. |
| 28.0 | 12 | M16 | 9.0 | 6.00 | 13° | 5.0 | 1 | 4 | R300-40T16-12M | 28.8 | 40.0 | 38.1 | | 45.0 | | 3.0 | 0.35 | 9100 | 4 | R300-1240.. |
| 30.0 | 10 | M16 | 7.5 | 5.00 | 8° | 3.6 | 1 | 5 | R300-40T16-10H | 28.8 | 40.0 | 38.1 | | 45.0 | | 3.0 | 0.37 | 9100 | 5 | R300-1032.. |
| | 12 | M16 | 9.0 | 6.00 | 12° | 5.0 | 1 | 4 | R300-42T16-12M | 28.8 | 42.0 | 40.1 | | 45.0 | | 3.0 | 0.04 | 9100 | 4 | R300-1240.. |
| 32.0 | 10 | M16 | 7.5 | 5.00 | 7° | 3.6 | 1 | 5 | R300-42T16-10H | 28.8 | 42.0 | 40.1 | | 45.0 | | 3.0 | 0.41 | 9100 | 5 | R300-1032.. |

## Positieve uitvoering

| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | CNSC | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17.0 | 08 | M12 | 6.0 | 4.00 | 8° | 1.9 | 1 | | 3 | R300-25T12-08M | 20.8 | 25.0 | 20.3 | 18.0 | 35.0 | 1.2 | 0.18 | 9100 | 3 | R300-0828.. |
| 24.0 | 08 | M16 | 6.0 | 4.00 | 5° | 1.9 | 1 | | 4 | R300-32T16-08M | 28.8 | 32.0 | 27.3 | 28.0 | 45.0 | 1.2 | 0.30 | 9100 | 4 | R300-0828.. |
| | 08 | M16 | 6.0 | 4.00 | 5° | 1.9 | 1 | 5 | | R300-32T16-08H | 28.8 | 32.0 | 27.3 | 28.0 | 45.0 | 1.2 | 0.30 | 9100 | 5 | R300-0828.. |
| 32.0 | 08 | M16 | 6.0 | 4.00 | 3° | 1.9 | 1 | 6 | | R300-40T16-08H | 28.8 | 40.0 | 35.3 | 28.0 | 45.0 | 1.2 | 0.38 | 9100 | 6 | R300-0828.. |

## Neutraal model

| DC | | Reserve onderdelen<br>Wisselplaat-schroef |
|---|---|---|
| 5.00 | 07 20 | 5513 020-41 |
| 8.00 | 07 24 | 5513 020-42 |
| 7.00 | 05 | 5513 020-40 |
| 8.00-12.00 | 08 | 5513 020-36 |
| 10.00-32.00 | 10 | 5513 020-43 |
| 12.00-30.00 | 12 | 5513 020-39 |

## Positieve uitvoering

| Reserve onderdelen<br>Wisselplaat-schroef |
|---|
| 5513 020-56 |

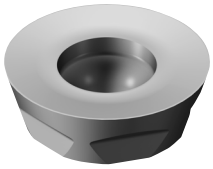
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

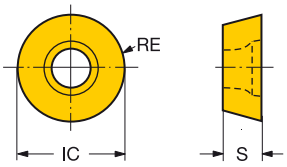
I99 N23 N6 N9 N15



SANDVIK Coromant

# CoroMill® 300 freeswisselplaat






| | | RE | Bestelnummer | P | | | | M | | K | | | | N | | S | | | | H | | Afmetingen, mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1130 | 4220 | 4330 | 4340 | 1040 | 1130 | 2040 | 1020 | 3040 | 3330 | H13A | 1130 | H13A | 1130 | H13A | S30T | S40T | 1010 | 1130 | IC | S |
| Licht | 08 | 4.00 | R300-0828E-KL | | | | | | | | | | | ☆ | | ★ | | | | | | | 8.0 | 2.78 |
| | | 4.00 | R300-0828E-PL | ★ | | | | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | 8.0 | 2.78 |
| | 10 | 5.00 | R300-1032E-KL | | | | | | | | | | | ☆ | | ★ | | ☆ | | | | | 10.0 | 3.18 |
| | | 5.00 | R300-1032E-PL | ★ | | | | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | 10.0 | 3.18 |
| | 12 | 6.00 | R300-1240E-ML | | | | | ★ | | ☆ | | | | | | | | | | | | | 12.0 | 3.97 |
| | | 6.00 | R300-1240E-PL | ☆ | | | ★ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | 12.0 | 3.97 |
| | 16 | 8.00 | R300-1648E-ML | | | | | ★ | | ☆ | | | | | | | | | | | | | 16.0 | 4.76 |
| | | 8.00 | R300-1648E-PL | ☆ | | | | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | | ☆ | 16.0 | 4.76 |
| | 20 | 10.00 | R300-2060E-ML | | | | | ★ | | ☆ | | | | | | | | | | | | | 20.0 | 6.48 |
| | | 10.00 | R300-2060E-PL | ☆ | | | | | ☆ | | | | | | ☆ | | ☆ | | | ★ | | ☆ | 20.0 | 6.48 |
| Middelmatig | 05 | 2.50 | R300-0517E-PM | ★ | | | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | | | ☆ | 5.0 | 1.70 |
| | 07 20 | 3.50 | R300-0720E-MM | | | | | | | ★ | | | | | | | | | | | | | 7.0 | 1.99 |
| | 07 20 | 3.50 | R300-0720E-PM | ★ | | | ☆ | | | | | | | | ☆ | | ☆ | | | | | ☆ | 7.0 | 1.99 |
| | 07 24 | 3.50 | R300-0724E-MM | | | | | | | ★ | | | | | | | | | | | | | 7.0 | 2.38 |
| | 07 24 | 3.50 | R300-0724E-PM | ★ | | | ☆ | | | | | | | | ☆ | | ☆ | | | | | ☆ | 7.0 | 2.38 |
| | 08 | 4.00 | R300-0828E-KM | | | | | | | | ★ | | | | | | | | | | | | 8.0 | 2.78 |
| | | 4.00 | R300-0828E-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 8.0 | 2.78 |
| | | 4.00 | R300-0828E-PM | ☆ | | | ★ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | 8.0 | 2.78 |
| | | 4.00 | R300-0828M-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 8.0 | 2.78 |
| | | 4.00 | R300-0828M-PM | ☆ | | | ★ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | | ☆ | 8.0 | 2.78 |
| | 10 | 5.00 | R300-1032E-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 10.0 | 3.18 |
| | | 5.00 | R300-1032E-PM | ☆ | | | ★ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | 10.0 | 3.18 |
| | | 5.00 | R300-1032M-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 10.0 | 3.18 |
| | | 5.00 | R300-1032M-PM | ☆ | | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | | ☆ | 10.0 | 3.18 |
| | 12 | 6.00 | R300-1240E-KM | | | | | | | | ☆ | | ★ | | | | | | | | | | 12.0 | 3.97 |
| | | 6.00 | R300-1240E-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 12.0 | 3.97 |
| | | 6.00 | R300-1240E-PM | ☆ | | | ★ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | 12.0 | 3.97 |
| | | 6.00 | R300-1240M-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 12.0 | 3.97 |
| | | 6.00 | R300-1240M-PM | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | | ☆ | 12.0 | 3.97 |
| | 16 | 8.00 | R300-1648E-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 16.0 | 4.76 |
| | | 8.00 | R300-1648E-PM | ☆ | | | ★ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | ★ | ☆ | 16.0 | 4.76 |
| | | 8.00 | R300-1648M-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 16.0 | 4.76 |
| | | 8.00 | R300-1648M-PM | ☆ | | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | ★ | ☆ | | ☆ | 16.0 | 4.76 |
| | 20 | 10.00 | R300-2060E-MM | | | | | | | ☆ | | | | | | | | | | | | | 20.0 | 6.48 |
| | | 10.00 | R300-2060E-PM | ☆ | | | | | ☆ | | | | | | ☆ | | ☆ | | | ★ | ★ | ☆ | 20.0 | 6.48 |
| | | 10.00 | R300-2060M-MM | | | | | ★ | | ☆ | | | | | | | | | | | | | 20.0 | 6.48 |
| | | 10.00 | R300-2060M-PM | ☆ | | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | ★ | | ☆ | 20.0 | 6.48 |
| Zwaar | 08 | 4.00 | R300-0828M-KH | | | | | | | | | ☆ | ★ | | | | | | | | | | 8.0 | 2.78 |
| | | 4.00 | R300-0828M-MH | | | | | | | ★ | | | | | | | | | | | | | 8.0 | 2.78 |
| | | 4.00 | R300-0828M-PH | ☆ | | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | | | ☆ | 8.0 | 2.78 |
| | 10 | 5.00 | R300-1032M-KH | | | | | | | | | | ★ | | | | | | | | | | 10.0 | 3.18 |
| | | 5.00 | R300-1032M-MH | | | | | | | ★ | | | | | | | | | | | | | 10.0 | 3.18 |
| | | 5.00 | R300-1032M-PH | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | | | ☆ | 10.0 | 3.18 |
| | 12 | 6.00 | R300-1240M-KH | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | 12.0 | 3.97 |
| | | 6.00 | R300-1240M-MH | | | | | | | ★ | | | | | | | | | | | | | 12.0 | 3.97 |
| | | 6.00 | R300-1240M-PH | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | ★ | ★ | ☆ | 12.0 | 3.97 |
| | 16 | 8.00 | R300-1648M-KH | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | 16.0 | 4.76 |
| | | 8.00 | R300-1648M-MH | | | | | | | ★ | | | | | | | | | | | | | 16.0 | 4.76 |
| | | 8.00 | R300-1648M-PH | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | ★ | ★ | ☆ | 16.0 | 4.76 |
| | 20 | 10.00 | R300-2060M-KH | | | | | | | | | ☆ | ★ | | | | | | | | | | 20.0 | 6.48 |
| | | 10.00 | R300-2060M-MH | | | | | | | ★ | | | | | | | | | | | | | 20.0 | 6.48 |
| | | 10.00 | R300-2060M-PH | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | | ★ | ☆ | 20.0 | 6.48 |

I92 I154 I175 N23 N10

# CoroMill® 200

## Robuuste vlakfrees en profielfrees

### Toepassing

- ”Vol” sleuffrezen
- Vlakfrezen
- Infrezen
- Profielfrezen
- Uitsparingen frezen

### ISO toepassingsgebied:

P M K N S H



### Voordelen en kenmerken

- Betrouwbaarheid en veiligheid
- Hoog verspaand volume
- Bescherming d.m.v. onderlegplaat

www.sandvik.coromant.com/coromill200

### Koppelingen

- Doorn
- Cilindrische schacht

### Wisselplaten

- 8 snijkanten
- Wisselplaatgeometrieën en hardmetaalsoorten voor alle materialen
- Wisselplaatgeometrieën voor hoge spaanverwijderingscapaciteiten – grote AP en $f_z$




### Betrouwbaarheid en proceszekerheid

Sterke snijkanten maken de frees bestand tegen zware omstandigheden in onderbroken sneden (gaten, spleten, etc.) en/of abrasieve huid.






Wijdvertand Dichtvertand Extra dichtvertand

I101 I103

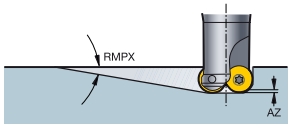


SANDVIK Coromant

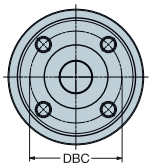
# CoroMill® 200 vlakfrees

**Doorn**

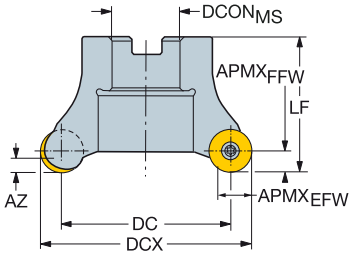





STDNO




ISO6462




| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ISO | DBC | DCX | BD | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38.0 | 12 | 22 | 9.0 | 6.00 | 6° | 3.7 | | 3 | R200-038Q22-12L | 22.0 | A | | 50.0 | 50.0 | 50.0 | 3.0 | 0.65 | 18800 | 3 | RCKT 12 04 M0 |
| | 12 | 22 | 9.0 | 6.00 | 6° | 3.7 | | 4 | R200-038Q22-12M | 22.0 | A | | 50.0 | 50.0 | 50.0 | 3.0 | 0.66 | 18800 | 4 | RCKT 12 04 M0 |
| | 12 | 22 | 9.0 | 6.00 | 6° | 3.7 | 5 | | R200-038Q22-12H | 22.0 | A | | 50.0 | 50.0 | 50.0 | 3.0 | 0.78 | 18800 | 5 | RCKT 12 04 M0 |
| 40.0 | 12 | 22 | 9.0 | 6.00 | 6° | 3.7 | | 3 | R200-040Q22-12L | 22.0 | A | | 52.0 | 52.0 | 50.0 | 3.0 | 0.70 | 18000 | 3 | RCKT 12 04 M0 |
| | 12 | 22 | 9.0 | 6.00 | 6° | 3.7 | | 4 | R200-040Q22-12M | 22.0 | A | | 52.0 | 52.0 | 50.0 | 3.0 | 0.68 | 18000 | 4 | RCKT 12 04 M0 |
| | 12 | 22 | 9.0 | 6.00 | 6° | 3.7 | 5 | | R200-040Q22-12H | 22.0 | A | | 52.0 | 52.0 | 50.0 | 3.0 | 0.66 | 18000 | 5 | RCKT 12 04 M0 |
| 47.0 | 16 | 22 | 12.0 | 8.00 | 7° | 4.9 | | 4 | R200-047Q22-16M | 22.0 | A | | 63.0 | 63.0 | 50.0 | 5.0 | 0.80 | 15300 | 4 | RCKT 16 06 M0 |
| 50.0 | 16 | 27 | 12.0 | 8.00 | 6° | 4.9 | | 4 | R200-050Q27-16M | 27.0 | A | | 66.0 | 66.0 | 50.0 | 5.0 | 0.86 | 14500 | 4 | RCKT 16 06 M0 |
| | 16 | 27 | 12.0 | 8.00 | 6° | 4.9 | 5 | | R200-050Q27-16H | 27.0 | A | | 66.0 | 66.0 | 50.0 | 5.0 | 0.75 | 14500 | 5 | RCKT 16 06 M0 |
| 51.0 | 12 | 22 | 9.0 | 6.00 | 4° | 3.7 | | 3 | R200-051Q22-12L | 22.0 | A | | 63.0 | 63.0 | 50.0 | 3.0 | 0.81 | 16200 | 3 | RCKT 12 04 M0 |
| | 12 | 22 | 9.0 | 6.00 | 4° | 3.7 | | 4 | R200-051Q22-12M | 22.0 | A | | 63.0 | 63.0 | 50.0 | 3.0 | 0.74 | 16200 | 4 | RCKT 12 04 M0 |
| | 12 | 22 | 9.0 | 6.00 | 4° | 3.7 | 5 | | R200-051Q22-12H | 22.0 | A | | 63.0 | 63.0 | 50.0 | 3.0 | 0.82 | 16200 | 5 | RCKT 12 04 M0 |
| 60.0 | 20 | 27 | 15.0 | 10.00 | 7° | 6.1 | | 3 | R200-060Q27-20L | 27.0 | A | | 80.0 | 80.0 | 50.0 | 7.5 | 1.00 | 10600 | 3 | RCKT 20 06 M0 |
| | 20 | 27 | 15.0 | 10.00 | 7° | 6.1 | 4 | | R200-060Q27-20M | 27.0 | A | | 80.0 | 80.0 | 50.0 | 7.5 | 0.89 | 10600 | 4 | RCKT 20 06 M0 |
| 64.0 | 16 | 27 | 12.0 | 8.00 | 5° | 4.9 | | 4 | R200-064Q27-16L | 27.0 | A | | 80.0 | 80.0 | 50.0 | 5.0 | 1.16 | 13100 | 4 | RCKT 16 06 M0 |
| | 16 | 27 | 12.0 | 8.00 | 5° | 4.9 | 5 | | R200-064Q27-16M | 27.0 | A | | 80.0 | 80.0 | 50.0 | 5.0 | 1.02 | 13100 | 5 | RCKT 16 06 M0 |
| | 16 | 27 | 12.0 | 8.00 | 5° | 4.9 | 6 | | R200-064Q27-16H | 27.0 | A | | 80.0 | 80.0 | 50.0 | 5.0 | 0.96 | 13100 | 6 | RCKT 16 06 M0 |
| 68.0 | 12 | 27 | 9.0 | 6.00 | 3° | 3.7 | | 4 | R200-068Q27-12L | 27.0 | A | | 80.0 | 80.0 | 50.0 | 3.0 | 1.05 | 14000 | 4 | RCKT 12 04 M0 |
| | 12 | 27 | 9.0 | 6.00 | 3° | 3.7 | | 6 | R200-068Q27-12M | 27.0 | A | | 80.0 | 80.0 | 50.0 | 3.0 | 0.92 | 14000 | 6 | RCKT 12 04 M0 |
| 80.0 | 20 | 32 | 15.0 | 10.00 | 5° | 6.1 | | 4 | R200-080Q32-20L | 32.0 | B | | 100.0 | 100.0 | 63.0 | 7.5 | 1.73 | 9200 | 4 | RCKT 20 06 M0 |
| | 20 | 32 | 15.0 | 10.00 | 5° | 6.1 | 6 | | R200-080Q32-20M | 32.0 | B | | 100.0 | 100.0 | 63.0 | 7.5 | 1.54 | 9200 | 6 | RCKT 20 06 M0 |
| 84.0 | 16 | 32 | 12.0 | 8.00 | 3° | 4.9 | | 6 | R200-084Q32-16M | 32.0 | B | | 100.0 | 100.0 | 50.0 | 5.0 | 1.62 | 11400 | 6 | RCKT 16 06 M0 |
| 88.0 | 12 | 32 | 9.0 | 6.00 | 2° | 3.7 | | 4 | R200-088Q32-12L | 32.0 | B | | 100.0 | 100.0 | 50.0 | 3.0 | 1.66 | 12300 | 4 | RCKT 12 04 M0 |
| | 12 | 32 | 9.0 | 6.00 | 2° | 3.7 | | 6 | R200-088Q32-12M | 32.0 | B | | 100.0 | 100.0 | 50.0 | 3.0 | 1.50 | 12300 | 6 | RCKT 12 04 M0 |
| 105.0 | 20 | 32 | 15.0 | 10.00 | 3° | 6.1 | | 5 | R200-105Q32-20L | 32.0 | B | | 125.0 | 125.0 | 63.0 | 7.5 | 2.44 | 8000 | 5 | RCKT 20 06 M0 |
| | 20 | 32 | 15.0 | 10.00 | 3° | 6.1 | 6 | | R200-105Q32-20M | 32.0 | B | | 125.0 | 125.0 | 63.0 | 7.5 | 2.28 | 8000 | 6 | RCKT 20 06 M0 |
| 109.0 | 16 | 32 | 12.0 | 8.00 | 2° | 4.9 | | 5 | R200-109Q32-16L | 32.0 | B | | 125.0 | 125.0 | 50.0 | 5.0 | 2.26 | 10000 | 5 | RCKT 16 06 M0 |
| | 16 | 32 | 12.0 | 8.00 | 2° | 4.9 | | 6 | R200-109Q32-16M | 32.0 | B | | 125.0 | 125.0 | 50.0 | 5.0 | 2.33 | 10000 | 6 | RCKT 16 06 M0 |
| 140.0 | 20 | 40S | 15.0 | 10.00 | 2° | 6.1 | | 6 | R200-140Q40-20L | 40.0 | C | 66.7 | 160.0 | 160.0 | 63.0 | 7.5 | 3.72 | 6900 | 6 | RCKT 20 06 M0 |
| | 20 | 40S | 15.0 | 10.00 | 2° | 6.1 | 8 | | R200-140Q40-20M | 40.0 | C | 66.7 | 160.0 | 160.0 | 63.0 | 7.5 | 3.60 | 6900 | 8 | RCKT 20 06 M0 |

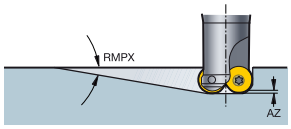
Ga voor reserveonderdelen naar www.sandvik.coromant.com

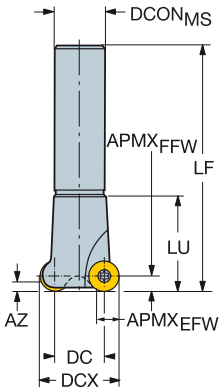
I103 L2 M1 N23 N9

# CoroMill® 200 vlakfrees

**Cilindrische schacht**






| DC | | CZCMS | APMXEFW | APMXFFW | RMPX | AZ | | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD | LB | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15.0 | 10 | 20 | 7.5 | 5.00 | 13° | 2.9 | 2 | | R200-015A20-10M | 20.0 | 25.0 | 25.0 | 25.0 | 150.0 | 3.0 | 0.54 | 37500 | 2 | RCKT 10 T3 M0 |
| | 10 | 20 | 7.5 | 5.00 | 13° | 2.9 | 3 | | R200-015A20-10H | 20.0 | 25.0 | 25.0 | 25.0 | 150.0 | 3.0 | 0.49 | 37500 | 3 | RCKT 10 T3 M0 |
| 20.0 | 12 | 25 | 9.0 | 6.00 | 13° | 3.7 | 2 | | R200-020A25-12M | 25.0 | 32.0 | 32.0 | 32.0 | 190.0 | 3.0 | 0.84 | 31100 | 2 | RCKT 12 04 M0 |
| | 12 | 25 | 9.0 | 6.00 | 13° | 3.7 | 3 | | R200-020A25-12H | 25.0 | 32.0 | 32.0 | 32.0 | 190.0 | 3.0 | 0.86 | 31100 | 3 | RCKT 12 04 M0 |
| 24.0 | 16 | 32 | 12.0 | 8.00 | 13° | 4.9 | 2 | | R200-024A32-16L | 32.0 | 40.0 | 40.0 | 40.0 | 240.0 | 5.0 | 1.72 | 21800 | 2 | RCKT 16 06 M0 |
| | 16 | 32 | 12.0 | 8.00 | 13° | 4.9 | 3 | | R200-024A32-16M | 32.0 | 40.0 | 40.0 | 40.0 | 240.0 | 5.0 | 1.64 | 21800 | 3 | RCKT 16 06 M0 |
| 28.0 | 12 | 32 | 9.0 | 6.00 | 9° | 3.7 | 2 | | R200-028A32-12L | 32.0 | 40.0 | 40.0 | 40.0 | 240.0 | 3.0 | 1.76 | 26300 | 2 | RCKT 12 04 M0 |
| | 12 | 32 | 9.0 | 6.00 | 9° | 3.7 | | 3 | R200-028A32-12M | 32.0 | 40.0 | 40.0 | 40.0 | 240.0 | 3.0 | 1.74 | 26300 | 3 | RCKT 12 04 M0 |
| 30.0 | 20 | 32 | 15.0 | 10.00 | 13° | 6.1 | 2 | | R200-030A32-20L | 32.0 | 50.0 | 50.0 | 50.0 | 240.0 | 7.5 | 1.88 | 20900 | 2 | RCKT 20 06 M0 |
| | 20 | 32 | 15.0 | 10.00 | 13° | 6.1 | 3 | | R200-030A32-20M | 32.0 | 50.0 | 50.0 | 50.0 | 240.0 | 7.5 | 1.79 | 20900 | 3 | RCKT 20 06 M0 |
| 34.0 | 16 | 32 | 12.0 | 8.00 | 11° | 4.9 | 3 | | R200-034A32-16M | 32.0 | 50.0 | 50.0 | 50.0 | 240.0 | 5.0 | 1.81 | 18300 | 3 | RCKT 16 06 M0 |
| 38.0 | 12 | 32 | 9.0 | 6.00 | 6° | 3.7 | 3 | | R200-038A32-12L | 32.0 | 50.0 | 50.0 | 50.0 | 240.0 | 3.0 | 1.86 | 22500 | 3 | RCKT 12 04 M0 |
| | 12 | 32 | 9.0 | 6.00 | 6° | 3.7 | | 4 | R200-038A32-12M | 32.0 | 50.0 | 50.0 | 50.0 | 240.0 | 3.0 | 1.84 | 22500 | 4 | RCKT 12 04 M0 |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 10 | 5513 020-09 |
| 12 | 5513 020-09 |
| 16 | 5513 020-07 |
| 20 | 5513 020-08 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

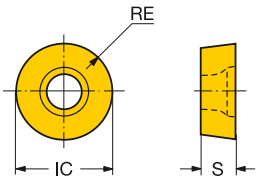
I103 L2 N23 N9



SANDVIK Coromant

# CoroMill® 200 freeswisselplaat






| | | | RE | Bestelnummer | P | | | | | M | | | | K | | | | | N | | | | S | | | | | H | | | Afmetingen, mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4330 | 4340 | 530 | 1040 | 1130 | 2040 | 530 | 1020 | 3040 | 3220 | 3330 | H13A | 1130 | 530 | H10F | H13A | 1130 | H10F | H13A | S30T | S40T | 1010 | 1130 | 530 | IC | S |
| Licht | KL | 10 | 5.00 | RCHT 10 T3 M0-KL | | | | | | | | | | | | | | ☆ | | | | ★ | | | ☆ | | | | | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCHT 12 04 M0-KL | | | | | | | | | | | | | | ☆ | | | | ★ | | | ☆ | | | | | | 12.0 | 4.76 |
| | | 16 | 8.00 | RCHT 16 06 M0-KL | | | | | | | | | | | | | | ☆ | | | | ★ | | | ☆ | | | | | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCHT 20 06 M0-KL | | | | | | | | | | | | | | ☆ | | | | ★ | | | ☆ | | | | | | 20.0 | 6.35 |
| | ML | 10 | 5.00 | RCHT 10 T3 M0-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCHT1204M0-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | 12.0 | 4.76 |
| | | 16 | 8.00 | RCHT 16 06 M0-ML | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCHT 20 06 M0-ML | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | 20.0 | 6.35 |
| | PL | 10 | 5.00 | RCHT 10 T3 M0-PL | ★ | | | | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | ★ | ☆ | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCHT 12 04 M0-PL | ★ | | | | ☆ | | ☆ | | ☆ | | | | | | ☆ | ☆ | | | ☆ | | | | | ★ | ☆ | ☆ | 12.0 | 4.76 |
| | | 16 | 8.00 | RCHT 16 06 M0-PL | ★ | | | | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCHT 20 06 M0-PL | ★ | | | | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | 20.0 | 6.35 |
| Middelmatig | KM | 10 | 5.00 | RCKT 10 T3 M0-KM | | | | | | | | | | ☆ | ☆ | | ★ | | | | | | | | | | | | | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCKT 12 04 M0-KM | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | | | | 12.0 | 4.76 |
| | | 16 | 8.00 | RCKT 16 06 M0-KM | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | | | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCKT 20 06 M0-KM | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | | | | 20.0 | 6.35 |
| | MM | 10 | 5.00 | RCKT 10 T3 M0-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCKT 12 04 M0-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | 12.0 | 4.76 |
| | | 16 | 8.00 | RCKT 16 06 M0-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCKT 20 06 M0-MM | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | 20.0 | 6.35 |
| | PM | 10 | 5.00 | RCKT 10 T3 M0-PM | ☆ | ☆ | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | ★ | | | ☆ | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCKT 12 04 M0-PM | ☆ | ☆ | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | ★ | ☆ | | ☆ | | 12.0 | 4.76 |
| | | 16 | 8.00 | RCKT 16 06 M0-PM | ☆ | ☆ | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | ★ | ☆ | | ☆ | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCKT 20 06 M0-PM | ☆ | ☆ | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | ★ | ☆ | | ☆ | | 20.0 | 6.35 |
| | WM | 10 | 5.00 | RCKT 10 T3 M0-WM | | | | | ☆ | | | | ☆ | | | | | | | ☆ | ☆ | | ★ | | | | | | | ☆ | 10.0 | 3.97 |
| | | 12 | 6.00 | RCKT 12 04 M0-WM | | | | | ☆ | | | | ☆ | | | | | | | ☆ | ☆ | | ★ | | | | | | | ☆ | 12.0 | 4.76 |
| | | 16 | 8.00 | RCKT 16 06 M0-WM | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCKT 20 06 M0-WM | | | | | | | | | | | | | | | | | | | | | | | | | | | 20.0 | 6.35 |
| Zwaar | KH | 10 | 5.00 | RCKT 10 T3 M0-KH | | | | | | | | | | | ☆ | | ★ | | | | | | | | | | | | | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCKT 12 04 M0-KH | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | | | | 12.0 | 4.76 |
| | | 16 | 8.00 | RCKT 16 06 M0-KH | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | | | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCKT 20 06 M0-KH | | | | | | | | | | ☆ | ☆ | ☆ | ★ | | | | | | | | | | | | | | 20.0 | 6.35 |
| | PH | 10 | 5.00 | RCKT 10 T3 M0-PH | ☆ | | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | 10.0 | 3.97 |
| | | 12 | 6.00 | RCKT 12 04 M0-PH | ☆ | ☆ | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | 12.0 | 4.76 |
| | | 16 | 8.00 | RCKT 16 06 M0-PH | ☆ | ☆ | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | 16.0 | 6.35 |
| | | 20 | 10.00 | RCKT 20 06 M0-PH | ☆ | ☆ | ★ | ☆ | | | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | 20.0 | 6.35 |

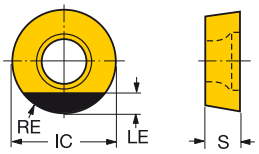
I101 I154 I175 N23 N10

# CoroMill® 200 freeswisselplaat

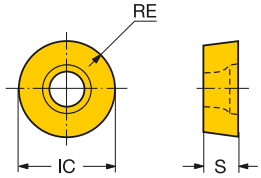
**Moderne snijmaterialen**



RCHT




RCKT




| | | | RE | Bestelnummer | K 6190 | K CB50 | H 6190 | H CB50 | Afmetingen, mm IC | LE | S |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Licht | PO | 12 | 6.00 | RCHT 12 04 M0 | | ☆ | | ☆ | 12.0 | 3.0 | 4.76 |
| Middelmatig | SK15 | 12 | 6.00 | RCKT 12 04 MO | ☆ | | ☆ | | 12.0 | | 4.76 |
| | | 16 | 8.00 | RCKT 16 06 MO | ☆ | | ☆ | | 16.0 | | 6.35 |

I101 I154 I175 N23 N10



SANDVIK Coromant

# CoroMill® 216

## Een metaalverwijderaar voor voorbewerken en semi-nabewerken bij profielfrezen

### Toepassing

- Profielfrezen
- Kopieerfrezen
- Contourfrezen
- Voorfrezen tot semi-nafrezen

### ISO toepassingsgebied:

P M K N S H



### Voordelen en kenmerken

- Maximale betrouwbaarheid en veiligheid
- Hoog verspaand volume
- Gemakkelijk toe te passen

www.sandvik.coromant.com/coromill216

### Koppelingen

- Coromant Capto®
- Cilindrische schacht
- Weldon
- Coromant EH
- Draadkoppeling

### Wisselplaten

- Twee snijkanten
- Wisselplaatgeometrieën en hardmetaalsoorten voor alle materialen




wisselplaten voor grotere betrouwbaarheid




wisselplaten met scherpere snijkant en grotere precisie

### Positie van wisselplaat

Zelfde wisselplaten voor zowel de centrale als perifere locaties.

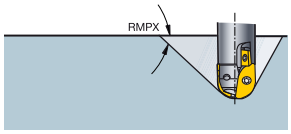


I106 I111

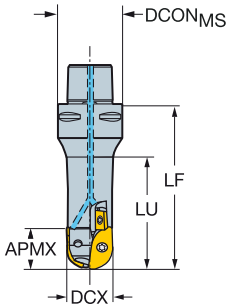
# CoroMill® 216 radiusfrees

**Coromant Capto® - inwendige koelmiddeltoevoer**






KAPR 90°




| DC | APMXFFW | APMXEFW | | | CZCMS | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD1 | LF | LU | NM | KG | RPMX | CICTBALL | MIIDBALL | CICTSP | MIIDSP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30.0 | 28.3 | 15.0 | 30 | | C3 | 85° | 15.0 | 3 | 2 | **R216-30C3-070** | 32.0 | 30.0 | 26.8 | 70.0 | 50.6 | 5.0 | 0.39 | 18500 | 2 | R216-30 06 | | |
| 32.0 | 28.6 | 16.0 | 32 | | C3 | 85° | 16.0 | 3 | 2 | **R216-32C3-070** | 32.0 | 32.0 | 29.0 | 70.0 | | 5.0 | 0.42 | 18500 | 2 | R216-32 06 | | |
| 40.0 | 31.6 | 20.0 | 40 | | C4 | 85° | 20.0 | 3 | 2 | **R216-40C4-080** | 40.0 | 40.0 | 37.0 | 80.0 | | 7.5 | 0.87 | 8000 | 2 | R216-40 07 | | |
| 50.0 | 44.6 | 25.0 | 50 | 16 | C5 | 85° | 25.0 | 3 | 2 | **R216-50C5-125** | 50.0 | 50.0 | 46.4 | 125.0 | | 10.0 | 1.65 | 7000 | 2 | R216-50 07 | 2 | APMT 160408-M |

| | Reserve onderdelen | | |
|---|---|---|---|
| | Wisselplaat-schroef | Onderlegplaat | Bescherm-plaatschroef |
| 30 | 5513 020-07 | | |
| 32 | 5513 020-07 | | |
| 40 | 5513 020-31 | | |
| 50 | 5513 021-03 | 5322 475-01 | 5513 020-09 |

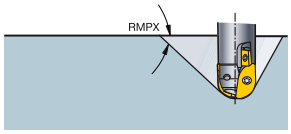
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I111 L2 N23 N9 N15

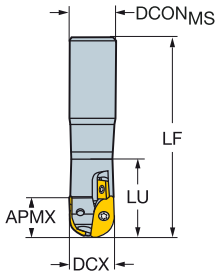
# CoroMill® 216 radiusfrees

**Cilindrische schacht - interne koelmiddeltoevoer**






KAPR 90°




| DC | APMXFFW | APMXEFW | | | CZCMS | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DCX | BD1 | LF | LU | NM | KG | RPMX | CICTBALL | MIIDBALL | CICTSP | MIIDSP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.0 | 8.6 | 5.0 | 10 | | 16 | 85° | 5.0 | 0 | 2 | **R216-10A16-050** | 16.0 | 10.0 | 9.2 | 160.0 | 22.1 | 0.6 | 0.31 | 15900 | 2 | R216-10 02 | | |
| 12.0 | 10.8 | 6.0 | 12 | | 20 | 85° | 6.0 | 0 | 2 | **R216-12A20-045** | 20.0 | 12.0 | 10.8 | 200.0 | 22.0 | 1.2 | 0.54 | 21000 | 2 | R216-12 02 | | |
| 16.0 | 14.4 | 8.0 | 16 | | 20 | 85° | 8.0 | 1 | 2 | **R216-16A20-045** | 20.0 | 16.0 | 14.7 | 200.0 | 29.6 | 1.2 | 0.54 | 20000 | 2 | R216-16 03 | | |
| 20.0 | 17.9 | 10.0 | 20 | | 25 | 85° | 10.0 | 1 | 2 | **R216-20A25-055** | 25.0 | 20.0 | 18.4 | 200.0 | 36.5 | 2.0 | 0.68 | 24000 | 2 | R216-20 T3 | | |
| 25.0 | 22.3 | 12.5 | 25 | | 32 | 85° | 12.5 | 1 | 2 | **R216-25A32-065** | 32.0 | 25.0 | 23.2 | 250.0 | 43.4 | 3.0 | 1.69 | 24000 | 2 | R216-25 04 | | |
| 30.0 | 26.9 | 15.0 | 30 | 16 | 32 | 85° | 15.0 | 1 | 2 | **R216-30A32-070** | 32.0 | 30.0 | 26.8 | 250.0 | 60.4 | 5.0 | 1.74 | 19500 | 2 | R216-30 06 | 1 | APMT 160408-M |
| 32.0 | 28.6 | 16.0 | 32 | | 32 | 85° | 16.0 | 1 | 2 | **R216-32A32-070** | 32.0 | 32.0 | 29.0 | 250.0 | 70.0 | 5.0 | 1.56 | 18500 | 2 | R216-32 06 | | |

| | | Reserve onderdelen | |
|---|---|---|---|
| | | Wisselplaat-schroef | Bescherm-plaatschroef |
| 10 | | 5513 020-40 | |
| 12 | | 5513 020-36 | |
| 16 | | 5513 020-36 | |
| 20 | | 5513 020-16 | |
| 25 | | 5513 020-52 | |
| 30 | 16 | 5513 020-07 | 5513 020-09 |
| 32 | | 5513 020-07 | |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

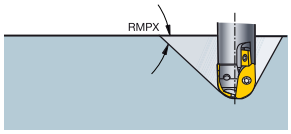
I111 L2 N23 N9 N15

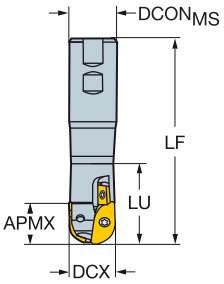
# CoroMill® 216 radiusfrees

**Weldon - inwendige koelvloeistoftoevoer**

KAPR 90°






| DC | APMXFFW | APMXEFW | | | CZCMS | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DCX | BD1 | LF | LU | NM | KG | RPMX | CICTBALL | MIIDBALL | CICTSP | MIIDSP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12.0 | 10.8 | 6.0 | 12 | | 20 | 85° | 6.0 | 0 | 2 | R216-12B20-060 | 20.0 | WE | 12.0 | 10.8 | 111.0 | 24.0 | 1.2 | 0.30 | 21000 | 2 | R216-12 02 | | |
| | 10.8 | 6.0 | 12 | | 20 | 85° | 6.0 | 0 | 2 | R216-12B20-040 | 20.0 | WE | 12.0 | 10.8 | 91.0 | 21.2 | 1.2 | 0.27 | 21000 | 2 | R216-12 02 | | |
| 16.0 | 14.4 | 8.0 | 16 | | 20 | 85° | 8.0 | 1 | 2 | R216-16B20-040 | 20.0 | WE | 16.0 | 14.7 | 91.0 | 28.2 | 1.2 | 0.28 | 20000 | 2 | R216-16 03 | | |
| | 14.4 | 8.0 | 16 | | 20 | 85° | 8.0 | 1 | 2 | R216-16B20-060 | 20.0 | WE | 16.0 | 14.7 | 111.0 | 33.8 | 1.2 | 0.31 | 20000 | 2 | R216-16 03 | | |
| 20.0 | 17.9 | 10.0 | 20 | | 25 | 85° | 10.0 | 1 | 2 | R216-20B25-050 | 25.0 | WE | 20.0 | 18.4 | 107.0 | 35.2 | 2.0 | 0.42 | 24000 | 2 | R216-20 T3 | | |
| | 17.9 | 10.0 | 20 | | 25 | 85° | 10.0 | 1 | 2 | R216-20B25-070 | 25.0 | WE | 20.0 | 18.4 | 127.0 | 40.6 | 2.0 | 0.47 | 24000 | 2 | R216-20 T3 | | |
| 25.0 | 22.3 | 12.5 | 25 | | 25 | 85° | 12.5 | 1 | 2 | R216-25B25-060 | 25.0 | WE | 25.0 | 23.2 | 117.0 | 60.0 | 3.0 | 0.49 | 24000 | 2 | R216-25 04 | | |
| | 22.3 | 12.5 | 25 | | 25 | 85° | 12.5 | 1 | 2 | R216-25B25-080 | 25.0 | WE | 25.0 | 23.2 | 137.0 | 80.0 | 3.0 | 0.55 | 24000 | 2 | R216-25 04 | | |
| 30.0 | 26.9 | 15.0 | 30 | 16 | 32 | 85° | 15.0 | 1 | 2 | R216-30B32-070 | 32.0 | WE | 30.0 | 26.8 | 131.0 | 60.4 | 5.0 | 0.78 | 19500 | 2 | R216-30 06 | 1 | APMT 160408-M |
| | 26.9 | 15.0 | 30 | 16 | 32 | 85° | 15.0 | 1 | 2 | R216-30B32-100 | 32.0 | WE | 30.0 | 26.8 | 161.0 | 90.4 | 5.0 | 0.86 | 19500 | 2 | R216-30 06 | 1 | APMT 160408-M |
| 32.0 | 28.6 | 16.0 | 32 | | 32 | 85° | 16.0 | 1 | 2 | R216-32B32-100 | 32.0 | WE | 32.0 | 29.0 | 161.0 | 100.0 | 5.0 | 0.87 | 18500 | 2 | R216-32 06 | | |
| | 28.6 | 16.0 | 32 | | 32 | 85° | 16.0 | 1 | 2 | R216-32B32-070 | 32.0 | WE | 32.0 | 29.0 | 131.0 | 70.0 | 5.0 | 0.77 | 18500 | 2 | R216-32 06 | | |
| 40.0 | 36.5 | 20.0 | 40 | 16 | 40 | 85° | 20.0 | 1 | 2 | R216-40B40-100 | 40.0 | WE | 40.0 | 37.0 | 171.0 | 100.0 | 7.5 | 1.37 | 8000 | 2 | R216-40 07 | 2 | APMT 160408-M |
| | 36.5 | 20.0 | 40 | 16 | 40 | 85° | 20.0 | 1 | 2 | R216-40B40-150 | 40.0 | WE | 40.0 | 37.0 | 221.0 | 150.0 | 7.5 | 1.94 | 8000 | 2 | R216-40 07 | 2 | APMT 160408-M |
| 50.0 | 44.6 | 25.0 | 50 | | 40 | 85° | 25.0 | 1 | 2 | R216-50B40-100 | 40.0 | WE | 50.0 | 47.0 | 171.0 | | 10.0 | 1.88 | 7000 | 2 | R216-50 07 | | |
| | 44.6 | 25.0 | 50 | 16 | 50 | 85° | 25.0 | 1 | 2 | R216-50B50-125 | 50.0 | WE | 50.0 | 46.4 | 206.0 | 125.0 | 10.0 | 2.80 | 7000 | 2 | R216-50 07 | 2 | APMT 160408-M |
| | 44.6 | 25.0 | 50 | 16 | 50 | 85° | 25.0 | 1 | 2 | R216-50B50-175 | 50.0 | WE | 50.0 | 46.4 | 256.0 | 175.0 | 10.0 | 3.43 | 7000 | 2 | R216-50 07 | 2 | APMT 160408-M |

| | | Reserve onderdelen | | | |
|---|---|---|---|---|---|
| | | Wisselplaat-schroef | Onderlegplaat | Onderlegplaat schroef | Bescherm-plaatschroef |
| 12 | | 5513 020-36 | | | |
| 16 | | 5513 020-36 | | | |
| 20 | | 5513 020-16 | | | |
| 25 | | 5513 020-52 | | | |
| 32 | | 5513 020-07 | | | |
| 30 | 16 | 5513 020-07 | | | 5513 020-09 |
| 40 | 16 | 5513 020-31 | | | 5513 020-09 |
| 50 | 16 | 5513 021-03 | 5322 475-01 | 5513 020-09 | |

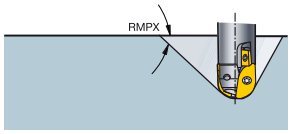
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I111 L2 N23 N9 N15

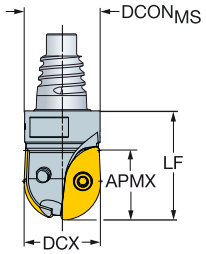
# CoroMill® 216 radiusfrees

**Coromant EH - interne koelmiddeltoevoer**






KAPR 90°




| DC | | CZCMS | APMXFFW | RMPX | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.0 | 10 | E10 | 8.60 | 85° | 0 | 2 | **R216-10EH10** | 9.7 | 20.0 | 0.6 | 0.09 | 12700 | 2 | R216-10 02 |
| 12.0 | 12 | E12 | 10.80 | 85° | 0 | 2 | **R216-12EH12** | 11.7 | 20.0 | 1.2 | 0.09 | 12700 | 2 | R216-12 02 |
| 16.0 | 16 | E16 | 14.40 | 85° | 1 | 2 | **R216-16EH16** | 15.5 | 25.0 | 1.2 | 0.11 | 12700 | 2 | R216-16 03 |
| 20.0 | 20 | E20 | 17.90 | 85° | 1 | 2 | **R216-20EH20** | 19.3 | 30.0 | 2.0 | 0.13 | 12700 | 2 | R216-20 T3 |
| 25.0 | 25 | E25 | 22.30 | 85° | 1 | 2 | **R216-25EH25** | 24.2 | 35.0 | 3.0 | 0.17 | 12700 | 2 | R216-25 04 |
| 30.0 | 30 | E25 | 26.90 | 85° | 1 | 2 | **R216-30EH25** | 24.2 | 50.0 | 5.0 | 0.20 | 12700 | 2 | R216-30 06 |
| 32.0 | 32 | E25 | 28.60 | 85° | 1 | 2 | **R216-32EH25** | 24.2 | 50.0 | 5.0 | 0.24 | 12700 | 2 | R216-32 06 |

| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 10 | 5513 020-40 |
| 12 | 5513 020-36 |
| 16 | 5513 020-36 |
| 20 | 5513 020-16 |
| 25 | 5513 020-52 |
| 30 | 5513 020-07 |
| 32 | 5513 020-07 |

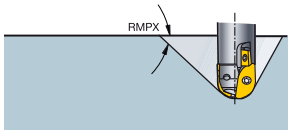
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I111 L2 N23 N9 N15 N3

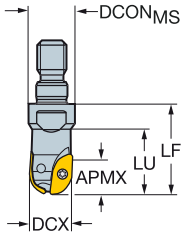
# CoroMill® 216 radiusfrees

**Schroefdraadkoppeling - interne koelmiddeltoevoer**






KAPR 90°




| DC | | CZC$_{MS}$ | APMX$_{EFW}$ | APMX$_{FFW}$ | RMPX | AZ | CNSC | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | BD$_1$ | LF | LU | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.0 | 10 | M8 | 5.0 | 8.60 | 85° | 5.0 | 0 | 2 | **R216-10T08** | 12.8 | 9.2 | 25.0 | 17.8 | 0.6 | 0.05 | 12700 | 2 | R216-10 02 |
| 12.0 | 12 | M8 | 6.0 | 10.80 | 85° | 6.0 | 0 | 2 | **R216-12T08** | 12.8 | 10.8 | 25.0 | 18.3 | 1.2 | 0.09 | 12700 | 2 | R216-12 02 |
| 16.0 | 16 | M8 | 8.0 | 14.40 | 85° | 8.0 | 0 | 2 | **R216-16T08** | 12.8 | 14.7 | 25.0 | | 1.2 | 0.11 | 12700 | 2 | R216-16 03 |
| 20.0 | 20 | M10 | 10.0 | 17.90 | 85° | 10.0 | 1 | 2 | **R216-20T10** | 17.8 | 18.4 | 30.0 | | 2.0 | 0.14 | 12700 | 2 | R216-20 T3 |
| 25.0 | 25 | M12 | 12.5 | 22.30 | 85° | 12.5 | 1 | 2 | **R216-25T12** | 20.8 | 23.2 | 35.0 | | 3.0 | 0.17 | 12700 | 2 | R216-25 04 |
| 30.0 | 30 | M16 | 15.0 | 26.90 | 85° | 15.0 | 1 | 2 | **R216-30T16** | 28.8 | 26.8 | 45.0 | | 5.0 | 0.25 | 12700 | 2 | R216-30 06 |
| 32.0 | 32 | M16 | 16.0 | 28.60 | 85° | 16.0 | 1 | 2 | **R216-32T16** | 28.8 | 29.0 | 45.0 | | 5.0 | 0.26 | 12700 | 2 | R216-32 06 |

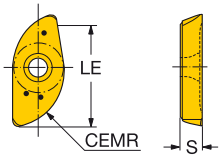
| | Reserve onderdelen |
|---|---|
| | Wisselplaat-schroef |
| 10 | 5513 020-40 |
| 12 | 5513 020-36 |
| 16 | 5513 020-36 |
| 20 | 5513 020-16 |
| 25 | 5513 020-52 |
| 30 | 5513 020-07 |
| 32 | 5513 020-07 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I111 N23 N9 N15 N3

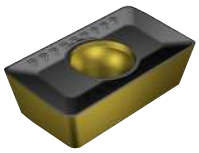
# CoroMill® 216 radiusfreeswisselplaat

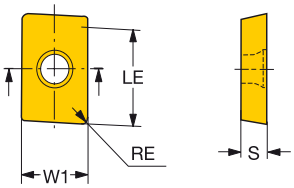





| | | CEMR | Bestelnummer | P | | | M | | | K | | | N | | S | | | H | | Afmetingen, mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1130 | 4220 | 4340 | 1130 | 2040 | 4340 | 4220 | 4340 | H13A | 1130 | H13A | 1130 | H13A | S30T | 1010 | 1130 | LE | S |
| Middelmatig | 10 | 4.9 | R216-10 02 E-M | ★ | | | ☆ | ★ | | | | | ☆ | | ☆ | | | ★ | ☆ | 8.6 | 1.70 |
| | 12 | 5.9 | R216-12 02 E-M | ★ | | | ☆ | ★ | | | | | ☆ | | ☆ | | ★ | | ☆ | 10.8 | 2.38 |
| | | 6.0 | R216-12 02 M-M | ★ | | ★ | ☆ | | ☆ | | ☆ | | ☆ | | ☆ | | | ★ | ☆ | 10.8 | 2.38 |
| | 16 | 7.8 | R216-16 03 E-M | ★ | | | ☆ | ★ | | | | | ☆ | | ☆ | | ★ | | ☆ | 14.4 | 3.18 |
| | | 8.0 | R216-16 03 M-M | ★ | ☆ | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | ★ | ☆ | 14.4 | 3.18 |
| | 20 | 9.8 | R216-20 T3 E-M | ★ | | | ☆ | ★ | | | | | ☆ | | ☆ | | ★ | | ☆ | 17.9 | 3.97 |
| | | 10.0 | R216-20 T3 M-M | ★ | ☆ | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | ★ | ☆ | 17.9 | 3.97 |
| | 25 | 12.3 | R216-25 04 E-M | ★ | | | ☆ | ★ | | | | | ☆ | | ☆ | | | | ☆ | 22.3 | 4.76 |
| | | 12.5 | R216-25 04 M-M | ★ | ☆ | ★ | ☆ | ★ | ☆ | ☆ | ☆ | | ☆ | | ☆ | | | ★ | ☆ | 22.3 | 4.76 |
| | 30 | 14.7 | R216-30 06 E-M | ★ | | | ☆ | | | | | | ☆ | | ☆ | | ★ | | ☆ | 26.9 | 6.35 |
| | | 15.0 | R216-30 06 M-M | ★ | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | | ☆ | | ☆ | | | ★ | ☆ | 26.9 | 6.35 |
| | 32 | 15.7 | R216-32 06 E-M | ★ | | | ☆ | ★ | | | | | ☆ | | ☆ | | | | ☆ | 28.6 | 6.35 |
| | | 16.0 | R216-32 06 M-M | ★ | ☆ | ★ | ☆ | ★ | ☆ | ☆ | ☆ | | ☆ | | ☆ | | | ★ | ☆ | 28.6 | 6.35 |
| | 40 | 19.7 | R216-40 07 E-M | ★ | | | ☆ | | | | | | ☆ | | ☆ | | ★ | | ☆ | 36.5 | 7.94 |
| | | 20.0 | R216-40 07 M-M | ★ | | ★ | ☆ | | ☆ | | ☆ | | ☆ | | ☆ | | | | ☆ | 36.5 | 7.94 |
| | 50 | 24.6 | R216-50 07 E-M | ★ | | | ☆ | | | | | | ☆ | | ☆ | | | | ☆ | 44.6 | 7.94 |
| | | 25.0 | R216-50 07 M-M | ★ | | ★ | ☆ | | ☆ | | ☆ | | ☆ | | ☆ | | | | ☆ | 44.6 | 7.94 |

## Schacht-bescherming

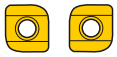
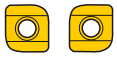
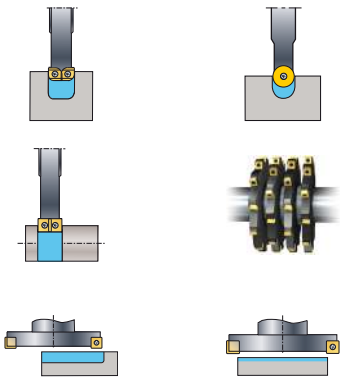
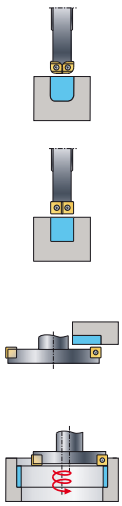
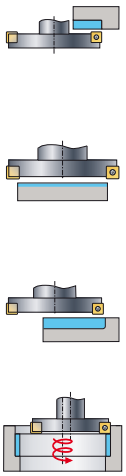





| | | | RE | Bestelnummer | P | M | K | Afmetingen, mm | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4340 | 4340 | 4340 | W1 | LE | S |
| Middelmatig | WHX | 16 | 0.80 | APMT 16 04 08-M | ☆ | ☆ | ☆ | 9.2 | 16.0 | 4.76 |

I106 I154 I175 N23 N10

# Schijffreesgereedschappen

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | CoroMill® 331 | | |
| | Instelbare driezijdig snijdende schijffrees  | | | Driezijdig snijdende schijffrees  | Instelbare halfzijdige schijffrees  | |
| Pagina | I121-I123 | | | I125 | I126-I127 | |
| Materiaal | P M K N S H | | | | | |
| Hoofdbewerking |  | | |  |  | |
| KAPR | 90° | | | 90° | 90° | |
| $D_c$ mm | 80 - 315 | | | 40 - 125 | 80 - 315 | |
| APMX mm | 6.0 - 26.5 | | | 6.0 - 10 | 7.6 - 10.6 | |
| CDX mm | 114.5 | | | 34 | 114.5 | |
| Wisselplaat |  N331.1A |  R/L331.1A |  RCHT, RCKT |  N331.1A |  N331.1A |  R/L331.1A |
| Plaatgrootte | 04,05,08,11 & 14 | * 04,05,08,11 & 14 | 10,12 & 16 | 04,05 & 08 | 11 | *04,05,08,11 & 14 |
| Koppelingen | Doorn<br>Cilindrisch<br>Borst met spiebaan<br>Weldon | | | Doorn<br>Cilindrisch<br>Borst met spiebaan | Doorn<br>Cilindrisch<br>Borst met spiebaan<br>Weldon | |
| Overige bewerkingen |  | | |  |  | |

* R/L331.1A wisselplaat – alleen met Tailor made-frees

# CoroMill® 331

## Universele schijffrees

### Toepassing

- Groeffrezen
- Afsteken
- Tweezijdig snijdende schijffrezen (dubbel)
- Frezen van opstaande kanten
- Vlakfrezen
- Bewerking met set frezen
- Circulair hellend frezen



### ISO toepassingsgebied:

P M K N S H

### Voordelen en kenmerken

- Uitgebreid programma van opspanopties
- Cassettevergrendeling d.m.v. wig
- Nauwkeurigheid, betrouwbaarheid en stabiliteit dankzij vertanding
- Soms zit de exacte maat die u nodig heeft niet tussen de standaardmaten. Wanneer dat het geval is, neem dan contact op met onze Tailor Made service.
- Gemakkelijke instelling voor de gewenste breedte
- Veerbelaste cassette
- Met veiligheidspen geregeld instelbereik
- Inwendige koelvloeistof

www.sandvik.coromant.com/coromill331

### Koppelingen

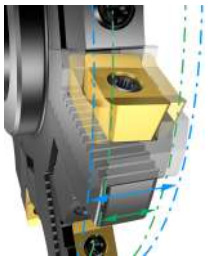
- Borst met spiebaan
- Doorn
- Cilindrische schacht
- Instelbare zittingen voor hoge precisie
- Vaste zittingen voor hoge tanddichtheid

### Wisselplaten

- Licht snijdende wisselplaat met H-tolerantie voor de meeste materialen
- Opties met ronde wisselplaten en een groot assortiment van hoekradii
- Wisselplaten met acht snijkanten voor vlakfreesbewerkingen verkrijgbaar.
- Wisselplaatgeometrieën en hardmetaalsoorten voor alle materialen



Nauwkeurigheid, betrouwbaarheid en stabiliteit dankzij vertanding.

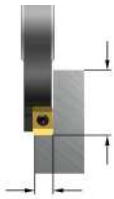


### Groot instelbereik

Instelbare zittingen voor flexibiliteit.

I116 I130 N6

Tweezijdig



CDX ≤ 114.5 mm

$a_p$ ≤ 10.6 mm

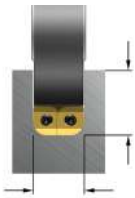
Dubbele tweezijdig snijdende schijffrees



CDX ≤ 114.5 mm

$a_p$ ≤ 27.2 - 33.8 mm

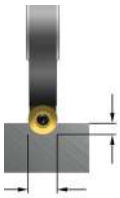
"Vol" groeffrezen met radius



CDX ≤ 114.5 mm

$a_p$ ≤ 6 - 26.5 mm

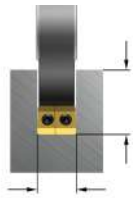
Volledige radius



CDX ≤ 114.5 mm

$a_p$ ≤ 10 - 16 mm

Volle groef vaste zitting



CDX ≤ 34.0 mm

$a_p$ ≤ 6 - 10 mm

Volle groef cassette



CDX ≤ 114.5 mm

$a_p$ ≤ 6 - 26.5 mm

Cassettefrezen worden vooringesteld geleverd op minimale groefbreedte. Tailor Made voor frezen ingesteld op andere breedtes.

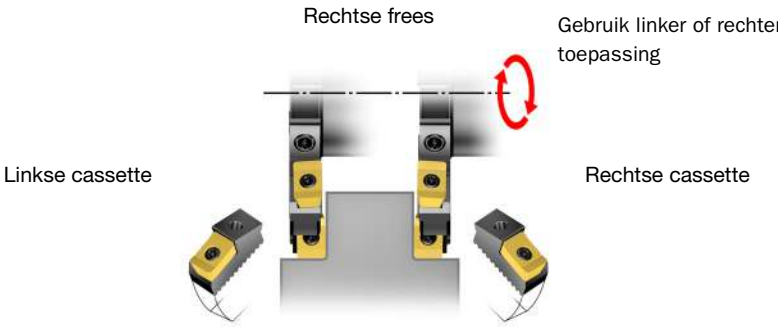
## Frezen voor verschillende groefbreedtes en beschikbare wisselplaten

| Freesbody's | | | Neutrale wisselplaten | | Linkse en rechtse wisselplaten | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Groefbreedtebereik mm | Freesversies (eind van code) | Wissel-plaat afmeting | Radius (RE) 0,5 mm | Radius (RE) 0,8 mm | Radius (RE) 1,52 mm | Radius (RE) 2,29 mm | Radius (RE) 3,05 mm | Radius (RE) 4,83 mm | Radius (RE) 6,35 mm |
| 6-8 | CM | 04 | | | | | | | |
| 8-10 | DM | 05 | | | | | | | |
| 10-12 | EM | 08 | | | | | | | |
| 12-15 | FM | 08 | | | | | | | |
| 15-17.5 | KM | 11 | | | | | | | |
| 17.5-20.5 | LM | 11 | | | | | | | |
| 20.5-23.5 | QM | 14 | | | | | | | |
| 23.5-26.5 | RM | 14 | | | | | | | |

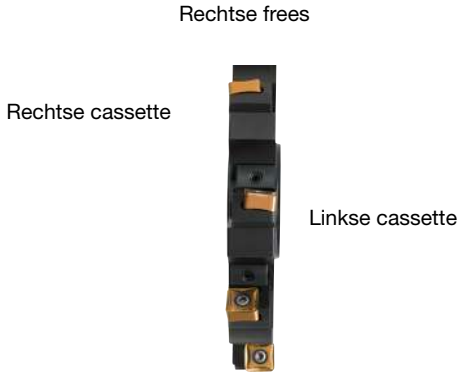
Overige wisselplaatradii verkrijgbaar als Tailor Made.

# Freesbody's, cassettes en wisselplaten om te combineren voor alle toepassingen

### Tweezijdig snijdende schijffrees




### Driezijdig snijdende schijffrees

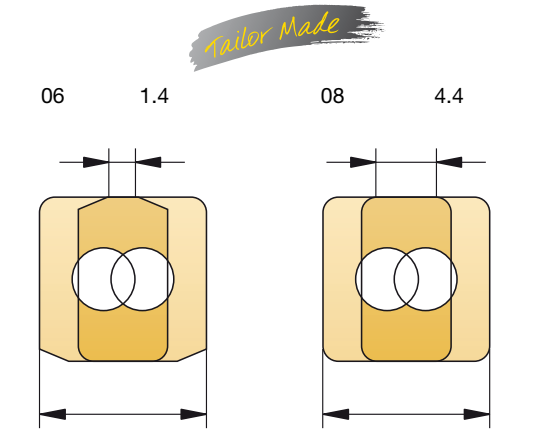



## Gereduceerde snijkantlengte voor Tailor Made wisselplaten

Bij het frezen van sleuven moet de kleinste breedte van de frees worden gebruikt. De overlapping is de meest kritieke factor om te optimaliseren.

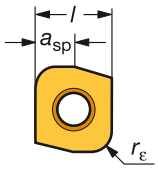
Gereduceerde snijkantlengte reduceert overlapping, die op haar beurt slijtage in de overlapzone vermindert, een betere spaanbeheersing oplevert en een verminderd stroomverbruik van zo'n 10%.

Tailor Made wisselplaatopties met gereduceerde snijkantlengte en op aanvraag verkrijgbaar.




Tailor Made wisselplaat met gereduceerde snijkantlengte.

Standaardwisselplaatgrootte 08

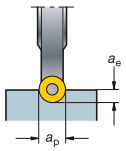



$$a_{sp} \approx \frac{a_p}{2} + 0{,}2$$

# Betere spaanverwijdering

### Volsleuffrezen met ronde wisselplaatfrees

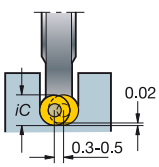
$a_e$ max. IC/2




Max. axiale diepte van snede $a_p$ = IC
Max. radiale diepte van snede $a_e$ = IC/2

Opmerking: De contactlengte van de snijkant is 180°

$a_e$ meer dan IC/2



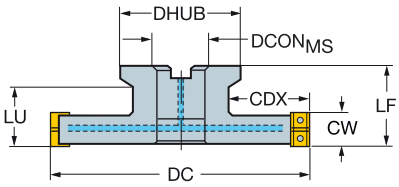

Voor sleuven dieper dan IC/2, wordt een 0,3 - 0,5 mm aanpassing van elke cassette aanbevolen. Dit maakt de sleuf 0,5 mm breder en vermindert de contactlengte voor elke wisselplaat tot 90°, waardoor een gunstigere spaanvorming en -afvoer ontstaat, en trillingen en energieverbruik verminderen.

# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

**Doornbevestiging - inwendige koelvloeistoftoevoer**

STDNO ISO 6462
KAPR 90°






| | | | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CW | CWX | DC | CDX | ↔ | $CZC_{MS}$ | CNSC | | Bestelnummer | $DCON_{MS}$ | ISO | LF | LU | DHUB | BAR | NM | KG | RPMX | CICT | MIID |
| 6.00 | 8.0 | 80 | 20.0 | 04 | 27 | 1 | 3 | R331.32C-080Q27CM | 27.0 | A | 50.00 | 26 | 51.0 | 80 | 0.8 | 0.51 | 19300 | 6 | N331.1A-04 |
| | | 100 | 22.0 | 04 | 27 | 1 | 4 | R331.32C-100Q27CM | 27.0 | A | 50.00 | | 51.0 | 80 | 0.8 | 0.75 | 17100 | 8 | N331.1A-04 |
| | | 125 | 29.5 | 04 | 32 | 1 | 5 | R331.32C-125Q32CM | 32.0 | B | 50.00 | | 61.0 | 80 | 0.8 | 0.92 | 15100 | 10 | N331.1A-04 |
| | | 160 | 41.0 | 04 | 40 | 1 | 6 | R331.32C-160Q40CM | 40.0 | B | 50.00 | | 73.0 | 80 | 0.8 | 1.38 | 13200 | 12 | N331.1A-04 |
| 8.00 | 10.0 | 80 | 20.0 | 05 | 27 | 1 | 3 | R331.32C-080Q27DM | 27.0 | A | 50.00 | | 51.0 | 80 | 1.2 | 0.54 | 15000 | 6 | N331.1A-05 |
| | | 100 | 22.0 | 05 | 27 | 1 | 4 | R331.32C-100Q27DM | 27.0 | A | 50.00 | | 51.0 | 80 | 1.2 | 1.01 | 13200 | 8 | N331.1A-05 |
| | | 125 | 29.5 | 05 | 32 | 1 | 5 | R331.32C-125Q32DM | 32.0 | B | 50.00 | | 61.0 | 80 | 1.2 | 1.09 | 11700 | 10 | N331.1A-05 |
| | | 160 | 41.0 | 05 | 40 | 1 | 6 | R331.32C-160Q40DM | 40.0 | B | 50.00 | 26 | 73.0 | 80 | 1.2 | 1.53 | 10200 | 12 | N331.1A-05 |
| 10.00 | 12.0 | 80 | 20.0 | 08 | 27 | 1 | 3 | R331.32C-080Q27EM | 27.0 | A | 50.00 | 26 | 51.0 | 80 | 1.2 | 0.70 | 18100 | 6 | N331.1A-08 |
| | | 100 | 22.0 | 08 | 27 | 1 | 4 | R331.32C-100Q27EM | 27.0 | A | 50.00 | | 51.0 | 80 | 1.2 | 1.10 | 15900 | 8 | N331.1A-08 |
| | | 125 | 29.5 | 08 | 32 | 1 | 5 | R331.32C-125Q32EM | 32.0 | B | 50.00 | | 61.0 | 80 | 1.2 | 1.30 | 14100 | 10 | N331.1A-08 |
| | | 160 | 41.0 | 08 | 40 | 1 | 6 | R331.32C-160Q40EM | 40.0 | B | 50.00 | | 73.0 | 80 | 1.2 | 1.98 | 12400 | 12 | N331.1A-08 |
| 12.00 | 15.0 | 80 | 20.0 | 08 | 27 | 1 | 3 | R331.32C-080Q27FM | 27.0 | A | 50.00 | 26 | 51.0 | 80 | 1.2 | 0.62 | 18100 | 6 | N331.1A-08 |
| | | 100 | 22.0 | 08 | 27 | 1 | 4 | R331.32C-100Q27FM | 27.0 | A | 50.00 | | 51.0 | 80 | 1.2 | 0.92 | 15900 | 8 | N331.1A-08 |
| | | 125 | 29.5 | 08 | 32 | 1 | 5 | R331.32C-125Q32FM | 32.0 | B | 50.00 | | 61.0 | 80 | 1.2 | 1.21 | 14100 | 10 | N331.1A-08 |
| | | 160 | 41.0 | 08 | 40 | 1 | 6 | R331.32C-160Q40FM | 40.0 | B | 50.00 | | 73.0 | 80 | 1.2 | 1.94 | 12400 | 12 | N331.1A-08 |
| 15.00 | 17.5 | 100 | 25.5 | 11 | 27 | 1 | 3 | R331.32C-100Q27KM | 27.0 | A | 50.00 | 32.5 | 51.0 | 80 | 3.0 | 0.98 | 14000 | 6 | N331.1A-11 |
| | | 125 | 29.5 | 11 | 32 | 1 | 4 | R331.32C-125Q32KM | 32.0 | B | 50.00 | | 61.0 | 80 | 3.0 | 1.23 | 12400 | 8 | N331.1A-11 |
| | | 160 | 41.0 | 11 | 40 | 1 | 5 | R331.32C-160Q40KM | 40.0 | B | 50.00 | | 73.0 | 80 | 3.0 | 2.17 | 10800 | 10 | N331.1A-11 |
| 17.50 | 20.5 | 125 | 29.5 | 11 | 32 | 1 | 4 | R331.32C-125Q32LM | 32.0 | B | 50.00 | | 61.0 | 80 | 3.0 | 1.42 | 12400 | 8 | N331.1A-11 |
| | | 160 | 41.0 | 11 | 40 | 1 | 5 | R331.32C-160Q40LM | 40.0 | B | 50.00 | | 73.0 | 80 | 3.0 | 2.35 | 10800 | 10 | N331.1A-11 |
| 20.50 | 23.5 | 160 | 41.0 | 14 | 40 | 1 | 5 | R331.32C-160Q40QM | 40.0 | B | 50.00 | | 73.0 | 80 | 3.0 | 2.63 | 9000 | 10 | N331.1A-14 |
| 23.50 | 26.5 | 160 | 41.0 | 14 | 40 | 1 | 5 | R331.32C-160Q40RM | 40.0 | B | 50.00 | | 73.0 | 80 | 3.0 | 3.00 | 9000 | 10 | N331.1A-14 |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| CW | DC | Wisselplaat-schroef | Wigset | Schroef |
| 6.00 | 80.00-100.00 | 5513 020-19 | 5431 105-07 | 5516 014-06 |
| 6.00 | 125.00 | 5513 020-19 | 5431 105-07 | 5516 014-06 |
| 6.00 | 160.00 | 5513 020-19 | 5431 105-07 | 5516 014-06 |
| 7.90 | 160.00 | 5513 020-34 | 5431 105-06 | 5516 014-05 |
| 8.00 | 80.00-100.00 | 5513 020-34 | 5431 105-06 | 5516 014-05 |
| 8.00 | 125.00 | 5513 020-34 | 5431 105-06 | 5516 014-05 |
| 10.00 | 80.00-100.00 | 5513 020-24 | 5431 105-01 | 269-832 |
| 10.00 | 125.00 | 5513 020-24 | 5431 105-01 | 269-832 |
| 10.00 | 160.00 | 5513 020-24 | 5431 105-01 | 269-832 |
| 12.00 | 80.00-100.00 | 5513 020-24 | 5431 105-02 | 269-832 |
| 12.00 | 125.00 | 5513 020-24 | 5431 105-02 | 269-832 |
| 12.00 | 160.00 | 5513 020-24 | 5431 105-02 | 269-832 |
| 15.00 | 100.00 | 5513 020-29 | 5431 105-04 | 339-831 |
| 15.00 | 125.00 | 5513 020-29 | 5431 105-04 | 339-831 |
| 15.00 | 160.00 | 5513 020-29 | 5431 105-04 | 339-831 |
| 17.50 | 125.00 | 5513 020-29 | 5431 105-04 | 5516 010-02 |
| 17.50 | 160.00 | 5513 020-29 | 5431 105-04 | 5516 010-02 |
| 20.50 | 160.00 | 5513 020-29 | 5431 105-05 | 5516 010-02 |
| 23.50 | 160.00 | 5513 020-29 | 5431 105-05 | 5516 010-02 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

| | Onderdelen |
|---|---|
| $CZC_{MS}$ | Koelmiddelschroef |
| 27 | 5512 098-05 |
| 32 | 5512 098-04 |
| 40 | 5512 098-03 |

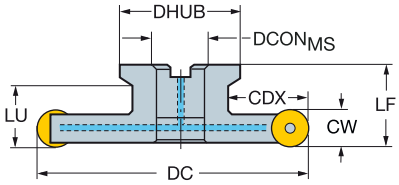
I130 L2 M1 N23 N6

# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

**Doornbevestiging - inwendige koelvloeistoftoevoer**

STDNO ISO 6462






| | | | | | | | | Afmetingen, mm | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CW | DC | CDX | | $CZC_{MS}$ | CNSC | | **Bestelnummer** | $DCON_{MS}$ | ISO | LF | LU | DHUB | BAR | NM | KG | RPMX | RE | CICT | MIID |
| 10.00 | 82 | 21.6 | 10 | 27 | 1 | 6 | **R331.32C-082Q27EMQ** | 27.0 | A | 50.00 | 26 | 51.0 | 80 | 1.2 | 0.59 | 19500 | 5.0 | 6 | RCKT 10 T3 M0 |
| | 102 | 23.0 | 10 | 27 | 1 | 8 | **R331.32C-102Q27EMQ** | 27.0 | A | 50.00 | | 51.0 | 80 | 3.0 | 0.95 | 15900 | 5.0 | 8 | RCKT 10 T3 M0 |
| | 127 | 30.5 | 10 | 32 | 1 | 10 | **R331.32C-127Q32EMQ** | 32.0 | B | 50.00 | | 61.0 | 80 | 3.0 | 1.20 | 14100 | 5.0 | 10 | RCKT 10 T3 M0 |
| | 162 | 42.0 | 10 | 40 | 1 | 12 | **R331.32C-162Q40EMQ** | 40.0 | B | 50.00 | | 73.0 | 80 | 3.0 | 1.85 | 12400 | 5.0 | 12 | RCKT 10 T3 M0 |
| 12.00 | 82 | 21.0 | 12 | 27 | 1 | 6 | **R331.32C-082Q27FMQ** | 27.0 | A | 50.00 | 26 | 51.0 | 80 | 3.0 | 0.66 | 18100 | 6.0 | 6 | RCKT 12 04 M0 |
| | 102 | 23.0 | 12 | 27 | 1 | 8 | **R331.32C-102Q27FMQ** | 27.0 | A | 50.00 | | 51.0 | 80 | 3.0 | 1.00 | 15900 | 6.0 | 8 | RCKT 12 04 M0 |
| | 127 | 30.5 | 12 | 32 | 1 | 10 | **R331.32C-127Q32FMQ** | 32.0 | B | 50.00 | | 61.0 | 80 | 3.0 | 1.29 | 14100 | 6.0 | 10 | RCKT 12 04 M0 |
| | 162 | 42.0 | 12 | 40 | 1 | 12 | **R331.32C-162Q40FMQ** | 40.0 | B | 50.00 | | 73.0 | 80 | 3.0 | 2.03 | 12400 | 6.0 | 12 | RCKT 12 04 M0 |
| 16.00 | 102 | 26.5 | 16 | 27 | 1 | 6 | **R331.32C-102Q27KMQ** | 27.0 | A | 50.00 | 32.5 | 51.0 | 80 | 5.0 | 0.90 | 14000 | 8.0 | 6 | RCKT 16 06 M0 |
| | 127 | 30.5 | 16 | 32 | 1 | 8 | **R331.32C-127Q32KMQ** | 32.0 | B | 50.00 | | 61.0 | 80 | 5.0 | 1.38 | 12400 | 8.0 | 8 | RCKT 16 06 M0 |
| | 162 | 42.0 | 16 | 40 | 1 | 10 | **R331.32C-162Q40KMQ** | 40.0 | B | 50.00 | | 73.0 | 80 | 5.0 | 2.22 | 10800 | 8.0 | 10 | RCKT 16 06 M0 |

| | | Reserve onderdelen | | | |
|---|---|---|---|---|---|
| CW | DC | Cassette neutraal | Wisselplaat-schroef | Wigset | Schroef |
| 10.0 | 82.00 | 5521 250-02 | 5513 020-09 | 5431 105-01 | 269-832 |
| 10.0 | 102.00 | 5521 250-02 | 5513 020-09 | 5431 105-01 | 5516 010-02 |
| 10.0 | 127.00-162.00 | 5521 250-02 | 5513 020-09 | 5431 105-01 | 339-831 |
| 12.0 | 82.00 | 5521 250-03 | 5513 020-09 | 5431 105-02 | 269-832 |
| 12.0 | 102.00 | 5521 250-03 | 5513 020-09 | 5431 105-02 | 5516 010-02 |
| 12.0 | 127.00-162.00 | 5521 250-03 | 5513 020-09 | 5431 105-02 | 339-831 |
| 16.0 | 102.00-162.00 | 5521 250-05 | 5513 020-07 | 5431 105-04 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

| | Onderdelen |
|---|---|
| $CZC_{MS}$ | Koelmiddelschroef |
| 27 | 5512 098-05 |
| 32 | 5512 098-04 |
| 40 | 5512 098-03 |


I130


L2


M1



N23

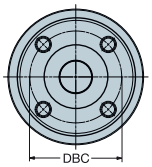

N6

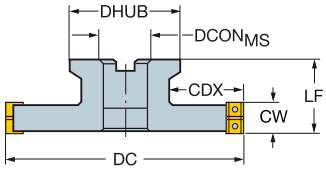
# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

**Doorn**

STDNO ISO6462
KAPR 90°








N331.1A

| CW | CWX | DC | CDX | | CZCMS | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | LF | DHUB | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.00 | 8.0 | 200 | 51.0 | 04 | 40S | 8 | R331.32-200Q40CM06.00 | 40.0 | C | 66.7 | 63.00 | 96.0 | 0.8 | 6.70 | 11700 | 16 | N331.1A-04 |
| 8.00 | 10.0 | 200 | 51.0 | 05 | 40S | 8 | R331.32-200Q40DM08.00 | 40.0 | C | 66.7 | 63.10 | 96.0 | 1.2 | 8.61 | 9100 | 16 | N331.1A-05 |
| 10.00 | 12.0 | 200 | 51.0 | 08 | 40S | 8 | R331.32-200Q40EM10.00 | 40.0 | C | 66.7 | 63.00 | 96.0 | 1.2 | 8.88 | 11000 | 16 | N331.1A-08 |
| 12.00 | 15.0 | 200 | 51.0 | 08 | 40S | 8 | R331.32-200Q40FM12.00 | 40.0 | C | 66.7 | 63.00 | 96.0 | 1.2 | 7.64 | 11000 | 16 | N331.1A-08 |
| 15.00 | 17.5 | 200 | 51.0 | 11 | 40S | 6 | R331.32-200Q40KM15.00 | 40.0 | C | 66.7 | 63.00 | 96.0 | 3.0 | 9.46 | 9600 | 12 | N331.1A-11 |
| | | 250 | 56.0 | 11 | 60 | 8 | R331.32-250Q60KM15.00 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 12.73 | 8500 | 16 | N331.1A-11 |
| | | 315 | 88.5 | 11 | 60 | 10 | R331.32-315Q60KM15.00 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 18.32 | 7600 | 20 | N331.1A-11 |
| 17.50 | 20.5 | 200 | 51.0 | 11 | 40S | 6 | R331.32-200Q40LM17.50 | 40.0 | C | 66.7 | 63.00 | 96.0 | 3.0 | 8.44 | 9600 | 12 | N331.1A-11 |
| | | 250 | 56.0 | 11 | 60 | 8 | R331.32-250Q60LM17.50 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 12.76 | 8500 | 16 | N331.1A-11 |
| | | 315 | 88.5 | 11 | 60 | 10 | R331.32-315Q60LM17.50 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 20.00 | 7600 | 20 | N331.1A-11 |
| 20.50 | 23.5 | 200 | 51.0 | 14 | 40S | 6 | R331.32-200Q40QM20.50 | 40.0 | C | 66.7 | 63.00 | 96.0 | 3.0 | 10.30 | 8000 | 12 | N331.1A-14 |
| | | 250 | 56.0 | 14 | 60 | 8 | R331.32-250Q60QM20.50 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 13.30 | 7100 | 16 | N331.1A-14 |
| | | 315 | 88.5 | 14 | 60 | 10 | R331.32-315Q60QM20.50 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 19.20 | 6300 | 20 | N331.1A-14 |
| 23.50 | 26.5 | 200 | 51.0 | 14 | 40S | 6 | R331.32-200Q40RM23.50 | 40.0 | C | 66.7 | 63.00 | 96.0 | 3.0 | 10.80 | 8000 | 12 | N331.1A-14 |
| | | 250 | 56.0 | 14 | 60 | 8 | R331.32-250Q60RM23.50 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 14.00 | 7100 | 16 | N331.1A-14 |
| | | 315 | 88.5 | 14 | 60 | 10 | R331.32-315Q60RM23.50 | 60.0 | C | 101.6 | 63.00 | 136.0 | 3.0 | 20.44 | 6300 | 20 | N331.1A-14 |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| CW | DC | Wisselplaat-schroef | Wigset | Schroef |
| 6.00 | 200.00 | 5513 020-19 | 5431 105-07 | 5516 014-06 |
| 8.00 | 200.00 | 5513 020-34 | 5431 105-06 | 5516 014-04 |
| 10.00 | 200.00 | 5513 020-24 | 5431 105-01 | 339-831 |
| 12.00 | 200.00 | 5513 020-24 | 5431 105-02 | 339-831 |
| 15.00-17.50 | 200.00-315.00 | 5513 020-29 | 5431 105-04 | 339-831 |
| 20.50-23.50 | 200.00-315.00 | 5513 020-29 | 5431 105-05 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I130


L2


M1



N23



N6



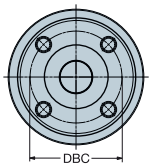
SANDVIK Coromant

# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

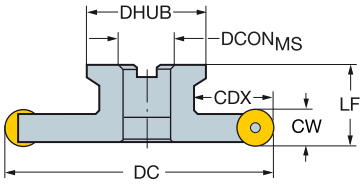
**Doorn**



STDNO




ISO6462






RCKT
RCHT

| CW | DC | CDX | | CZC$_{MS}$ | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ISO | DBC | LF | DHUB | NM | KG | RPMX | RE | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.00 | 202 | 52.0 | 10 | 40S | 16 | **R331.32-202Q40EMQ** | 40.0 | C | 66.7 | 63.00 | 96.0 | 3.0 | 8.79 | 11000 | 5.0 | 16 | RCKT 10 T3 M0 |
| 12.00 | 202 | 52.0 | 12 | 40S | 16 | **R331.32-202Q40FMQ** | 40.0 | C | 66.7 | 63.00 | 96.0 | 3.0 | 9.07 | 11000 | 6.0 | 16 | RCKT 12 04 M0 |
| 16.00 | 202 | 52.0 | 16 | 40S | 12 | **R331.32-202Q40KMQ** | 40.0 | C | 66.7 | 63.50 | 96.0 | 5.0 | 10.00 | 9600 | 8.0 | 12 | RCKT 16 06 M0 |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| CW | DC | Wisselplaat-schroef | Wigset | Schroef |
| 10.00 | 202.00 | 5513 020-09 | 5431 105-01 | 339-831 |
| 12.00 | 202.00 | 5513 020-09 | 5431 105-02 | 339-831 |
| 16.00 | 202.00 | 5513 020-07 | 5431 105-04 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I103


L2


M1



N23

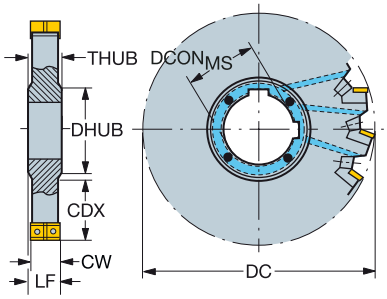

N6

# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

**Baar met spiebaan - interne koelmiddeltoevoer**

KAPR 90°






| CW | CWX | DC | CDX | | $CZC_{MS}$ | CNSC | | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | DRVCT | DHUB | THUB | BAR | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.00 | 8.0 | 80 | 19.5 | 04 | 27 | 1 | 3 | N331.32C-080S27CM | 27.0 | 10.00 | 1 | 39.0 | 14.0 | 80 | 0.8 | 0.37 | 19300 | 6 | N331.1A-04 |
| | | 100 | 25.5 | 04 | 32 | 1 | 4 | N331.32C-100S32CM | 32.0 | 10.00 | 1 | 47.0 | 14.0 | 80 | 0.8 | 0.49 | 17100 | 8 | N331.1A-04 |
| | | 125 | 34.0 | 04 | 40 | 1 | 5 | N331.32C-125S40CM | 40.0 | 10.00 | 2 | 55.0 | 14.0 | 80 | 0.8 | 0.63 | 15100 | 10 | N331.1A-04 |
| | | 160 | 51.5 | 04 | 40 | 1 | 6 | N331.32C-160S40CM | 40.0 | 10.00 | 2 | 55.0 | 14.0 | 80 | 0.8 | 1.02 | 13200 | 12 | N331.1A-04 |
| 8.00 | 10.0 | 80 | 19.5 | 05 | 27 | 1 | 3 | N331.32C-080S27DM | 27.0 | 12.00 | 1 | 39.0 | 16.0 | 80 | 1.2 | 0.46 | 15000 | 6 | N331.1A-05 |
| | | 100 | 25.5 | 05 | 32 | 1 | 4 | N331.32C-100S32DM | 32.0 | 12.00 | 1 | 47.0 | 16.0 | 80 | 1.2 | 0.59 | 13200 | 8 | N331.1A-05 |
| | | 125 | 34.0 | 05 | 40 | 1 | 5 | N331.32C-125S40DM | 40.0 | 12.00 | 2 | 55.0 | 16.0 | 80 | 1.2 | 0.75 | 11700 | 10 | N331.1A-05 |
| | | 160 | 51.5 | 05 | 40 | 1 | 6 | N331.32C-160S40DM | 40.0 | 12.00 | 2 | 55.0 | 16.0 | 80 | 1.2 | 1.24 | 10200 | 12 | N331.1A-05 |
| 10.00 | 12.0 | 80 | 19.5 | 08 | 27 | 1 | 3 | N331.32C-080S27EM | 27.0 | 13.00 | 1 | 39.0 | 16.0 | 80 | 1.2 | 0.42 | 18100 | 6 | N331.1A-08 |
| | | 100 | 25.5 | 08 | 32 | 1 | 4 | N331.32C-100S32EM | 32.0 | 13.00 | 1 | 47.0 | 16.0 | 80 | 1.2 | 0.62 | 15900 | 8 | N331.1A-08 |
| | | 125 | 34.0 | 08 | 40 | 1 | 5 | N331.32C-125S40EM | 40.0 | 13.00 | 2 | 55.0 | 16.0 | 80 | 1.2 | 0.93 | 14100 | 10 | N331.1A-08 |
| | | 160 | 51.5 | 08 | 40 | 1 | 6 | N331.32C-160S40EM | 40.0 | 13.00 | 2 | 55.0 | 16.0 | 80 | 1.2 | 1.46 | 12400 | 12 | N331.1A-08 |
| 12.00 | 15.0 | 80 | 19.5 | 08 | 27 | 1 | 3 | N331.32C-080S27FM | 27.0 | 14.00 | 1 | 39.0 | 16.0 | 80 | 1.2 | 0.52 | 18100 | 6 | N331.1A-08 |
| | | 100 | 25.5 | 08 | 32 | 1 | 4 | N331.32C-100S32FM | 32.0 | 14.00 | 1 | 47.0 | 16.0 | 80 | 1.2 | 0.69 | 15900 | 8 | N331.1A-08 |
| | | 125 | 34.0 | 08 | 40 | 1 | 5 | N331.32C-125S40FM | 40.0 | 14.00 | 2 | 55.0 | 16.0 | 80 | 1.2 | 1.04 | 14100 | 10 | N331.1A-08 |
| | | 160 | 51.5 | 08 | 40 | 1 | 6 | N331.32C-160S40FM | 40.0 | 14.00 | 2 | 55.0 | 16.0 | 80 | 1.2 | 1.68 | 12400 | 12 | N331.1A-08 |
| 15.00 | 17.5 | 100 | 25.5 | 11 | 32 | 1 | 3 | N331.32C-100S32KM | 32.0 | 16.75 | 1 | 47.0 | 18.5 | 80 | 3.0 | 0.82 | 14000 | 6 | N331.1A-11 |
| | | 125 | 34.0 | 11 | 40 | 1 | 4 | N331.32C-125S40KM | 40.0 | 16.75 | 1 | 55.0 | 18.5 | 80 | 3.0 | 1.23 | 12400 | 8 | N331.1A-11 |
| | | 160 | 51.5 | 11 | 40 | 1 | 5 | N331.32C-160S40KM | 40.0 | 16.75 | 2 | 55.0 | 18.5 | 80 | 3.0 | 2.01 | 10800 | 10 | N331.1A-11 |
| 17.50 | 20.5 | 125 | 34.0 | 11 | 40 | 1 | 4 | N331.32C-125S40LM | 40.0 | 19.50 | 1 | 55.0 | 21.5 | 80 | 3.0 | 1.41 | 12400 | 8 | N331.1A-11 |
| | | 160 | 51.5 | 11 | 40 | 1 | 5 | N331.32C-160S40LM | 40.0 | 19.50 | 2 | 55.0 | 21.5 | 80 | 3.0 | 2.20 | 10800 | 10 | N331.1A-11 |
| 20.50 | 23.5 | 160 | 51.5 | 14 | 40 | 1 | 5 | N331.32C-160S40QM | 40.0 | 22.50 | 2 | 55.0 | 24.5 | 80 | 3.0 | 2.55 | 9000 | 10 | N331.1A-14 |
| 23.50 | 26.5 | 160 | 51.5 | 14 | 40 | 1 | 5 | N331.32C-160S40RM | 40.0 | 25.50 | 2 | 55.0 | 27.5 | 80 | 3.0 | 2.78 | 9000 | 10 | N331.1A-14 |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| CW | DC | Wisselplaat-schroef | Wigset | Schroef |
| 6.0 | 80-160 | 5513 020-19 | 5431 105-07 | 5516 014-06 |
| 8.0 | 80-160 | 5513 020-34 | 5431 105-06 | 5516 014-05 |
| 10.0 | 80-160 | 5513 020-24 | 5431 105-01 | 269-832 |
| 12.0 | 80-160 | 5513 020-24 | 5431 105-02 | 269-832 |
| 15.0 | 100-160 | 5513 020-29 | 5431 105-04 | 5516 010-02 |
| 17.5 | 125-160 | 5513 020-29 | 5431 105-04 | 5516 010-02 |
| 20.5 | 160 | 5513 020-29 | 5431 105-05 | 5516 010-02 |
| 23.5 | 160 | 5513 020-29 | 5431 105-05 | 5516 010-02 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

| | Onderdelen | |
|---|---|---|
| $CZC_{MS}$ | Koelmiddelschroefset | Afstandsringset |
| 27 | 5512 076-101 | 5549 091-032 |
| 32 | 5512 076-102 | 5549 091-042 |
| 40 | 5512 076-103 | 5549 091-052 |

I130 L2 N23 N6

# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

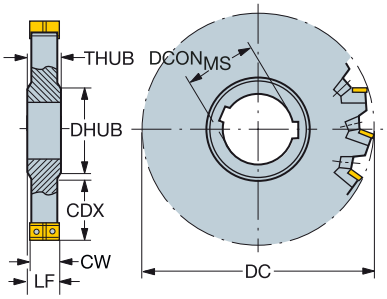
**Borst met spiebaan**

KAPR 90°





N331.1A




| CW | CWX | DC | CDX | | CZC$_{MS}$ | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | DRVCT | DHUB | THUB | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.00 | 8.0 | 200 | 64.5 | 04 | 50 | 8 | N331.32-200S50CM06.00 | 50.0 | 10.00 | 2 | 69.0 | 14.0 | 0.8 | 1.34 | 11700 | 16 | N331.1A-04 |
| 8.00 | 10.0 | 200 | 64.5 | 05 | 50 | 8 | N331.32-200S50DM08.00 | 50.0 | 12.00 | 2 | 69.0 | 16.0 | 1.2 | 1.67 | 9100 | 16 | N331.1A-05 |
| 10.00 | 12.0 | 200 | 64.5 | 08 | 50 | 8 | N331.32-200S50EM10.00 | 50.0 | 13.00 | 2 | 69.0 | 16.0 | 1.2 | 1.98 | 11000 | 16 | N331.1A-08 |
| 12.00 | 15.0 | 200 | 64.5 | 08 | 50 | 8 | N331.32-200S50FM12.00 | 50.0 | 14.00 | 2 | 69.0 | 16.0 | 1.2 | 2.38 | 11000 | 16 | N331.1A-08 |
| 15.00 | 17.5 | 200 | 64.5 | 11 | 50 | 6 | N331.32-200S50KM15.00 | 50.0 | 16.75 | 2 | 69.0 | 18.5 | 3.0 | 2.88 | 9600 | 12 | N331.1A-11 |
| | | 250 | 89.5 | 11 | 50 | 8 | N331.32-250S50KM15.00 | 50.0 | 16.75 | 2 | 69.0 | 18.5 | 3.0 | 7.74 | 8500 | 16 | N331.1A-11 |
| | | 315 | 114.5 | 11 | 60 | 10 | N331.32-315S60KM15.00 | 60.0 | 16.75 | 2 | 84.0 | 18.5 | 3.0 | 13.20 | 7600 | 20 | N331.1A-11 |
| 17.50 | 20.5 | 200 | 64.5 | 11 | 50 | 6 | N331.32-200S50LM17.50 | 50.0 | 19.50 | 2 | 69.0 | 21.5 | 3.0 | 3.29 | 9600 | 12 | N331.1A-11 |
| | | 250 | 89.5 | 11 | 50 | 8 | N331.32-250S50LM17.50 | 50.0 | 19.50 | 2 | 69.0 | 21.5 | 3.0 | 8.42 | 8500 | 16 | N331.1A-11 |
| | | 315 | 114.5 | 11 | 60 | 10 | N331.32-315S60LM17.50 | 60.0 | 19.50 | 2 | 84.0 | 21.5 | 3.0 | 12.94 | 7600 | 20 | N331.1A-11 |
| 20.50 | 23.5 | 200 | 64.5 | 14 | 50 | 6 | N331.32-200S50QM20.50 | 50.0 | 22.50 | 2 | 69.0 | 24.5 | 3.0 | 3.86 | 8000 | 12 | N331.1A-14 |
| | | 250 | 89.5 | 14 | 50 | 8 | N331.32-250S50QM20.50 | 50.0 | 22.50 | 2 | 69.0 | 24.5 | 3.0 | 7.10 | 7100 | 16 | N331.1A-14 |
| | | 315 | 114.5 | 14 | 60 | 10 | N331.32-315S60QM20.50 | 60.0 | 22.50 | 2 | 84.0 | 24.5 | 3.0 | 14.28 | 6300 | 20 | N331.1A-14 |
| 23.50 | 26.5 | 200 | 64.5 | 14 | 50 | 6 | N331.32-200S50RM23.50 | 50.0 | 25.50 | 2 | 69.0 | 27.5 | 3.0 | 4.35 | 8000 | 12 | N331.1A-14 |
| | | 250 | 89.5 | 14 | 50 | 8 | N331.32-250S50RM23.50 | 50.0 | 25.50 | 2 | 69.0 | 27.5 | 3.0 | 10.16 | 7100 | 16 | N331.1A-14 |
| | | 315 | 114.5 | 14 | 60 | 10 | N331.32-315S60RM23.50 | 60.0 | 25.50 | 2 | 84.0 | 27.5 | 3.0 | 19.26 | 6300 | 20 | N331.1A-14 |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| CW | DC | Wisselplaat-schroef | Wigset | Schroef |
| 6.00 | 200.00 | 5513 020-19 | 5431 105-07 | 5516 014-06 |
| 8.00 | 200.00 | 5513 020-34 | 5431 105-06 | 5516 014-04 |
| 10.00 | 200.00 | 5513 020-24 | 5431 105-01 | 5516 010-02 |
| 12.00 | 200.00 | 5513 020-24 | 5431 105-02 | 5516 010-02 |
| 15.00-17.50 | 200.00-315.00 | 5513 020-29 | 5431 105-04 | 339-831 |
| 20.50-23.50 | 200.00-315.00 | 5513 020-29 | 5431 105-05 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I130


L2



N23



N6

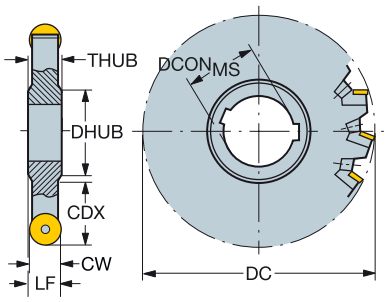
# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

**Borst met spiebaan**





RCKT
RCHT




| CW | DC | CDX | | CZC$_{MS}$ | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | DRVCT | DHUB | THUB | NM | KG | RPMX | RE | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.00 | 82 | 20.5 | 10 | 27 | 6 | **N331.32-082S27EMQ** | 27.0 | 13.00 | 1 | 39.0 | 16.0 | 3.0 | 0.56 | 18100 | 5.0 | 6 | RCKT 10 T3 M0 |
| | 102 | 26.5 | 10 | 32 | 8 | **N331.32-102S32EMQ** | 32.0 | 13.00 | 1 | 47.0 | 16.0 | 3.0 | 0.50 | 15900 | 5.0 | 8 | RCKT 10 T3 M0 |
| | 127 | 35.0 | 10 | 40 | 10 | **N331.32-127S40EMQ** | 40.0 | 13.00 | 2 | 55.0 | 16.0 | 3.0 | 1.03 | 14100 | 5.0 | 10 | RCKT 10 T3 M0 |
| | 162 | 52.5 | 10 | 40 | 12 | **N331.32-162S40EMQ** | 40.0 | 13.00 | 2 | 55.0 | 16.0 | 3.0 | 1.51 | 12400 | 5.0 | 12 | RCKT 10 T3 M0 |
| | 202 | 65.5 | 10 | 50 | 16 | **N331.32-202S50EMQ** | 50.0 | 13.00 | 2 | 69.0 | 16.0 | 3.0 | 2.03 | 11000 | 5.0 | 16 | RCKT 10 T3 M0 |
| 12.00 | 82 | 20.5 | 12 | 27 | 6 | **N331.32-082S27FMQ** | 27.0 | 14.00 | 1 | 39.0 | 16.0 | 3.0 | 0.62 | 18100 | 6.0 | 6 | RCKT 12 04 M0 |
| | 102 | 26.5 | 12 | 32 | 8 | **N331.32-102S32FMQ** | 32.0 | 14.00 | 1 | 47.0 | 16.0 | 3.0 | 0.89 | 15900 | 6.0 | 8 | RCKT 12 04 M0 |
| | 127 | 35.0 | 12 | 40 | 10 | **N331.32-127S40FMQ** | 40.0 | 14.00 | 2 | 55.0 | 16.0 | 3.0 | 1.15 | 14100 | 6.0 | 10 | RCKT 12 04 M0 |
| | 162 | 52.5 | 12 | 40 | 12 | **N331.32-162S40FMQ** | 40.0 | 14.00 | 2 | 55.0 | 16.0 | 3.0 | 1.73 | 12400 | 6.0 | 12 | RCKT 12 04 M0 |
| | 202 | 65.5 | 12 | 50 | 16 | **N331.32-202S50FMQ** | 50.0 | 14.00 | 2 | 69.0 | 16.0 | 3.0 | 3.21 | 11000 | 6.0 | 16 | RCKT 12 04 M0 |
| 16.00 | 102 | 26.5 | 16 | 32 | 6 | **N331.32-102S32KMQ** | 32.0 | 17.25 | 1 | 47.0 | 18.5 | 5.0 | 0.96 | 14000 | 8.0 | 6 | RCKT 16 06 M0 |
| | 127 | 35.0 | 16 | 40 | 8 | **N331.32-127S40KMQ** | 40.0 | 17.25 | 1 | 55.0 | 18.5 | 5.0 | 1.27 | 12400 | 8.0 | 8 | RCKT 16 06 M0 |
| | 162 | 52.5 | 16 | 40 | 10 | **N331.32-162S40KMQ** | 40.0 | 17.25 | 2 | 55.0 | 18.5 | 5.0 | 1.97 | 10800 | 8.0 | 10 | RCKT 16 06 M0 |
| | 202 | 65.5 | 16 | 50 | 12 | **N331.32-202S50KMQ** | 50.0 | 17.25 | 2 | 69.0 | 18.5 | 5.0 | 3.20 | 9600 | 8.0 | 12 | RCKT 16 06 M0 |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| CW | DC | Wisselplaat-schroef | Wigset | Schroef |
| 10.00 | 82.00 | 5513 020-09 | 5431 105-01 | 269-832 |
| 10.00 | 102.00-202.00 | 5513 020-09 | 5431 105-01 | 339-831 |
| 12.00 | 82.00 | 5513 020-09 | 5431 105-02 | 269-832 |
| 12.00 | 102.00-202.00 | 5513 020-09 | 5431 105-02 | 339-831 |
| 16.00 | 102.00 | 5513 020-07 | 5431 105-04 | 5516 010-02 |
| 16.00 | 127.00-202.00 | 5513 020-07 | 5431 105-04 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

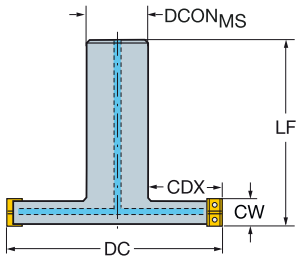
I103 L2 N23 N6

# CoroMill 331 instelbare schijffrees voor volprofiel- en vlakfrezen

**Cilindrische schacht - interne koelmiddeltoevoer**

KAPR 90°






| CW | CWX | DC | CDX | | $CZC_{MS}$ | CNSC | | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | BAR | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.00 | 8.0 | 80 | 23.0 | 04 | 32 | 1 | 3 | R331.32C-080A32CM | 32.0 | 115.00 | 80 | 0.8 | 0.90 | 19300 | 6 | N331.1A-04 |
| | | 100 | 28.0 | 04 | 40 | 1 | 4 | R331.32C-100A40CM | 40.0 | 125.00 | 80 | 0.8 | 1.50 | 17100 | 8 | N331.1A-04 |
| 8.00 | 10.0 | 80 | 23.0 | 05 | 32 | 1 | 3 | R331.32C-080A32DM | 32.0 | 115.00 | 80 | 1.2 | 1.02 | 15000 | 6 | N331.1A-05 |
| | | 100 | 28.0 | 05 | 40 | 1 | 4 | R331.32C-100A40DM | 40.0 | 125.00 | 80 | 1.2 | 1.65 | 13200 | 8 | N331.1A-05 |
| 10.00 | 12.0 | 80 | 23.0 | 08 | 32 | 1 | 3 | R331.32C-080A32EM | 32.0 | 115.00 | 80 | 1.2 | 1.04 | 18100 | 6 | N331.1A-08 |
| | | 100 | 28.0 | 08 | 40 | 1 | 4 | R331.32C-100A40EM | 40.0 | 125.00 | 80 | 1.2 | 1.72 | 15900 | 8 | N331.1A-08 |

| | | Reserve onderdelen | | |
|---|---|---|---|---|
| CW | DC | Wisselplaat-schroef | Wigset | Schroef |
| 6.0 | 80-100 | 5513 020-19 | 5431 105-07 | 5516 014-06 |
| 8.0 | 80-100 | 5513 020-34 | 5431 105-06 | 5516 014-05 |
| 10.0 | 80-100 | 5513 020-24 | 5431 105-01 | 269-832 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I130


L2



N23



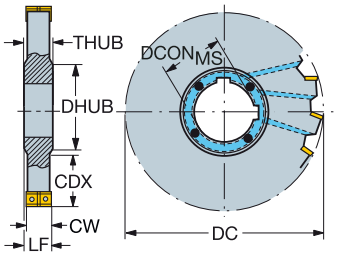
N6

# CoroMill 331 schijffrees voor volprofiel- en vlakfrezen

**Baar met spiebaan - interne koelmiddeltoevoer**

KAPR 90°






| CW | DC | CDX | | $CZC_{MS}$ | CNSC | | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | DRVCT | DHUB | THUB | BAR | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.00 | 100 | 25.5 | 04 | 32 | 4 | 5 | **N331.35C-100S32CM060** | 32.0 | 7.00 | 2 | 47.0 | 8.0 | 80 | 0.8 | 0.21 | 17000 | 10 | N331.1A-04 |
| 8.00 | 100 | 25.5 | 05 | 32 | 4 | 5 | **N331.35C-100S32DM080** | 32.0 | 9.00 | 2 | 47.0 | 10.0 | 80 | 1.2 | 0.28 | 13000 | 10 | N331.1A-05 |
| | 125 | 34.0 | 05 | 40 | 4 | 6 | **N331.35C-125S40DM080** | 40.0 | 9.00 | 2 | 55.0 | 10.0 | 80 | 1.2 | 0.47 | 15000 | 12 | N331.1A-05 |
| 10.00 | 125 | 34.0 | 08 | 40 | 4 | 6 | **N331.35C-125S40EM100** | 40.0 | 11.00 | 2 | 55.0 | 12.0 | 80 | 1.2 | 0.61 | 11500 | 12 | N331.1A-08 |

| | | Reserve onderdelen |
|---|---|---|
| CW | DC | Wisselplaat-schroef |
| 6.0 | 100.00 | 5513 020-19 |
| 8.0 | 100.00-125.00 | 5513 020-34 |
| 10.0 | 125.00 | 5513 020-24 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I130


L2



N23



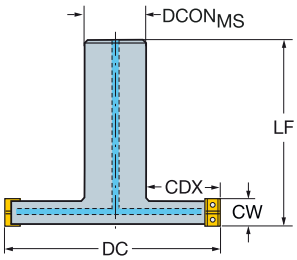
N6

# CoroMill 331 schijffrees voor volprofiel- en vlakfrezen

**Cilindrische schacht - interne koelmiddeltoevoer**

KAPR 90°






| CW | DC | CDX | | $CZC_{MS}$ | CNSC | | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | BAR | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.00 | 40 | 11.0 | 04 | 16 | 1 | 2 | R331.35C-040A16CM060 | 16.0 | 120.00 | 80 | 0.8 | 0.19 | 29500 | 4 | N331.1A-04 |
| | 50 | 14.0 | 04 | 20 | 1 | 3 | R331.35C-050A20CM060 | 20.0 | 130.00 | 80 | 0.8 | 0.33 | 25000 | 6 | N331.1A-04 |
| | 63 | 18.0 | 04 | 25 | 1 | 3 | R331.35C-063A25CM060 | 25.0 | 140.00 | 80 | 0.8 | 0.58 | 22000 | 6 | N331.1A-04 |
| | 80 | 23.0 | 04 | 32 | 1 | 4 | R331.35C-080A32CM060 | 32.0 | 150.00 | 80 | 0.8 | 1.03 | 19000 | 8 | N331.1A-04 |
| 8.00 | 40 | 11.0 | 05 | 16 | 1 | 2 | R331.35C-040A16DM080 | 16.0 | 120.00 | 80 | 1.2 | 0.19 | 22300 | 4 | N331.1A-05 |
| | 50 | 14.0 | 05 | 20 | 1 | 3 | R331.35C-050A20DM080 | 20.0 | 130.00 | 80 | 1.2 | 0.34 | 19500 | 6 | N331.1A-05 |
| | 63 | 18.0 | 05 | 25 | 1 | 3 | R331.35C-063A25DM080 | 25.0 | 140.00 | 80 | 1.2 | 0.60 | 17000 | 6 | N331.1A-05 |
| | 80 | 23.0 | 05 | 32 | 1 | 4 | R331.35C-080A32DM080 | 32.0 | 150.00 | 80 | 1.2 | 1.06 | 15000 | 8 | N331.1A-05 |
| 10.00 | 40 | 11.0 | 08 | 16 | 1 | 2 | R331.35C-040A16EM100 | 16.0 | 120.00 | 80 | 1.2 | 0.20 | 27000 | 4 | N331.1A-08 |
| | 50 | 14.0 | 08 | 20 | 1 | 3 | R331.35C-050A20EM100 | 20.0 | 130.00 | 80 | 1.2 | 0.42 | 23500 | 6 | N331.1A-08 |
| | 63 | 18.0 | 08 | 25 | 1 | 3 | R331.35C-063A25EM100 | 25.0 | 140.00 | 80 | 1.2 | 0.62 | 21000 | 6 | N331.1A-08 |
| | 80 | 23.0 | 08 | 32 | 1 | 4 | R331.35C-080A32EM100 | 32.0 | 150.00 | 80 | 1.2 | 1.11 | 18000 | 8 | N331.1A-08 |

| | | Reserve onderdelen |
|---|---|---|
| CW | DC | Wisselplaat-schroef |
| 6.0 | 40.00-80.00 | 5513 020-19 |
| 8.0 | 40.00-80.00 | 5513 020-34 |
| 10.0 | 40.00-80.00 | 5513 020-24 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

 I130

 L2



N23



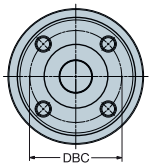
N6

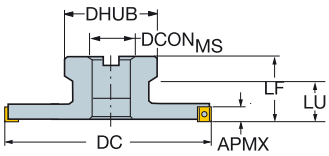
# CoroMill 331 instelbare schijffrees voor tweezijdig- en vlakfrezen

**Doorn**

STDNO ISO6462
KAPR 90°








N331.1A

| DC | | $CZC_{MS}$ | APMX | | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | ISO | DBC | LF | LU | DHUB | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 08 | 27 | 7.6 | 6 | **R331.52-080Q27FMR** | 27.0 | A | | 63.00 | 40 | 54.0 | 1.2 | 1.12 | 18100 | 6 | N331.1A-08 |
| 80 | 08 | 27 | 7.6 | 6 | **R331.52-080Q27EMR** | 27.0 | A | | 63.00 | 40 | 54.0 | 1.2 | 0.80 | 18100 | 6 | N331.1A-08 |
| 100 | 08 | 27 | 7.6 | 8 | **R331.52-100Q27FMR** | 27.0 | A | | 63.00 | | 54.0 | 1.2 | 1.30 | 15900 | 8 | N331.1A-08 |
| 125 | 08 | 32 | 7.6 | 10 | **R331.52-125Q32FMR** | 32.0 | B | | 63.00 | | 64.0 | 1.2 | 1.95 | 14100 | 10 | N331.1A-08 |
| 125 | 08 | 32 | 7.6 | 10 | **R331.52-125Q32EMR** | 32.0 | B | | 63.00 | | 64.0 | 1.2 | 1.86 | 14100 | 10 | N331.1A-08 |
| 160 | 08 | 40 | 7.6 | 12 | **R331.52-160Q40EMR** | 40.0 | B | | 63.00 | | 76.0 | 1.2 | 2.69 | 12400 | 12 | N331.1A-08 |
| 100 | 11 | 27 | 10.6 | 6 | **R331.52-100Q27KMR** | 27.0 | A | | 63.00 | 40 | 54.0 | 3.0 | 1.77 | 14000 | 6 | N331.1A-11 |
| 125 | 11 | 32 | 10.6 | 8 | **R331.52-125Q32KMR** | 32.0 | B | | 63.00 | | 64.0 | 3.0 | 2.30 | 12000 | 8 | N331.1A-11 |
| 160 | 11 | 40 | 10.6 | 10 | **R331.52-160Q40KMR** | 40.0 | B | | 63.00 | | 76.0 | 3.0 | 3.30 | 10800 | 10 | N331.1A-11 |
| 200 | 11 | 40S | 10.6 | 12 | **R331.52-200Q40MMR** | 40.0 | C | 66.7 | 63.00 | | 96.0 | 3.0 | 11.50 | 9600 | 12 | N331.1A-11 |

| | Reserve onderdelen | | |
|---|---|---|---|
| Bestelnummer | Wisselplaat-schroef | Wigset | Schroef |
| R331.52-080Q27EMR | 5513 020-24 | 5431 105-01 | 269-832 |
| R331.52-080Q27FMR | 5513 020-24 | 5431 105-02 | 269-832 |
| R331.52-100Q27FMR | 5513 020-24 | 5431 105-02 | 5516 010-02 |
| R331.52-125Q32EMR | 5513 020-24 | 5431 105-01 | 339-831 |
| R331.52-125Q32FMR | 5513 020-24 | 5431 105-02 | 339-831 |
| R331.52-160Q40EMR | 5513 020-24 | 5431 105-01 | 339-831 |
| R331.52-160Q40FMR | 5513 020-24 | 5431 105-02 | 339-831 |
| R331.52-100Q27KMR | 5513 020-29 | 5431 105-04 | 339-831 |
| R331.52-125Q32KMR | 5513 020-29 | 5431 105-04 | 339-831 |
| R331.52-160Q40KMR | 5513 020-29 | 5431 105-04 | 339-831 |
| R331.52-200Q40MMR | 5513 020-29 | 5431 105-03 | 339-831 |
| R331.52-250Q60MMR | 5513 020-29 | 5431 105-03 | 339-831 |
| R331.52-315Q60NMR | 5513 020-29 | 5431 105-04 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I130


L2


M1



N23



N6



SANDVIK Coromant

# CoroMill 331 instelbare schijffrees voor tweezijdig- en vlakfrezen

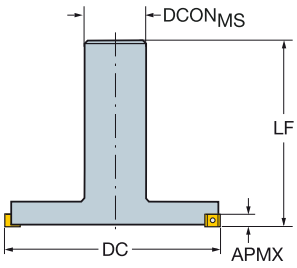
**Cilindrische schacht**

KAPR 90°





N331.1A




| DC | | CZCMS | APMX | | Bestelnummer | Afmetingen, mm DCONMS | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | 08 | 42 | 7.6 | 8 | **R331.52-100A42EMR** | 42.0 | 152.00 | 1.2 | 1.90 | 15900 | 8 | N331.1A-08 |

| Reserve onderdelen | | |
|---|---|---|
| Wisselplaat-schroef | Wigset | Schroef |
| 5513 020-24 | 5431 105-01 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

# CoroMill 331 Instelbare tweezijdige schijffrees

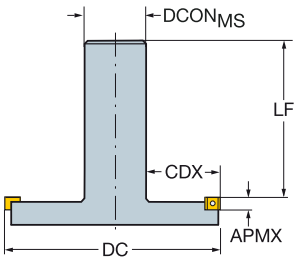
**Cilindrische schacht**

KAPR 90°





N331.1A




| DC | CDX | | CZCMS | APMX | | Bestelnummer | Afmetingen, mm DCONMS | LF | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 19.5 | 08 | 32 | 7.6 | 6 | **R331.52-080A32EML** | 32.0 | 122.00 | 1.2 | 1.19 | 18100 | 6 | N331.1A-08 |
| 100 | 25.5 | 08 | 42 | 7.6 | 8 | **R331.52-100A42EML** | 42.0 | 142.00 | 1.2 | 1.90 | 15900 | 8 | N331.1A-08 |

| Reserve onderdelen | | |
|---|---|---|
| Wisselplaat-schroef | Wigset | Schroef |
| 5513 020-24 | 5431 105-01 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I130


L2


M1



N23


N6

# CoroMill 331 Instelbare tweezijdige schijffrees

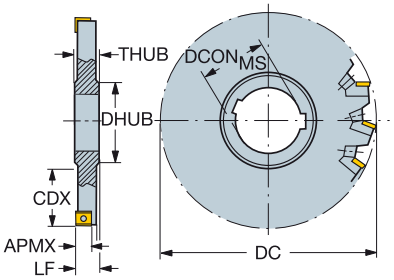
**Borst met spiebaan**

KAPR 90°





N331.1A




| DC | CDX | | CZC$_{MS}$ | APMX | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | DRVCT | DHUB | THUB | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 19.5 | 08 | 27 | 7.6 | 6 | **R/L331.52-080S27EM** | 27.0 | 13.00 | 1 | 39.0 | 16.0 | 1.2 | 0.54 | 18100 | 6 | N331.1A-08 |
| 80 | 19.5 | 08 | 27 | 7.6 | 6 | **R/L331.52-080S27FM** | 27.0 | 14.00 | 1 | 39.0 | 16.0 | 1.2 | 0.56 | 18100 | 6 | N331.1A-08 |
| 100 | 25.5 | 08 | 32 | 7.6 | 8 | **R/L331.52-100S32EM** | 32.0 | 13.00 | 1 | 47.0 | 16.0 | 1.2 | 0.84 | 15900 | 8 | N331.1A-08 |
| 100 | 25.5 | 08 | 32 | 7.6 | 8 | **R/L331.52-100S32FM** | 32.0 | 14.00 | 1 | 47.0 | 16.0 | 1.2 | 0.60 | 15900 | 8 | N331.1A-08 |
| 125 | 34.0 | 08 | 40 | 7.6 | 10 | **R/L331.52-125S40EM** | 40.0 | 13.00 | 2 | 55.0 | 16.0 | 1.2 | 1.02 | 14100 | 10 | N331.1A-08 |
| 125 | 34.0 | 08 | 40 | 7.6 | 10 | **R/L331.52-125S40FM** | 40.0 | 14.00 | 2 | 55.0 | 16.0 | 1.2 | 1.13 | 14100 | 10 | N331.1A-08 |
| 160 | 51.5 | 08 | 40 | 7.6 | 12 | **R/L331.52-160S40EM** | 40.0 | 13.00 | 2 | 55.0 | 16.0 | 1.2 | 1.50 | 12400 | 12 | N331.1A-08 |
| 160 | 51.5 | 08 | 40 | 7.6 | 12 | **R/L331.52-160S40FM** | 40.0 | 14.00 | 2 | 55.0 | 16.0 | 1.2 | 1.73 | 12400 | 12 | N331.1A-08 |
| 100 | 25.5 | 11 | 32 | 10.6 | 6 | **L331.52-100S32KM** | 32.0 | 16.75 | 1 | 47.0 | 18.5 | 3.0 | 0.94 | 14000 | 6 | N331.1A-11 |
| 125 | 34.0 | 11 | 40 | 10.6 | 8 | **R/L331.52-125S40KM** | 40.0 | 16.75 | 1 | 55.0 | 18.5 | 3.0 | 1.30 | 12000 | 8 | N331.1A-11 |
| 160 | 51.5 | 11 | 40 | 10.6 | 10 | **R/L331.52-160S40KM** | 40.0 | 16.75 | 2 | 55.0 | 18.5 | 3.0 | 2.00 | 10000 | 10 | N331.1A-11 |
| 200 | 64.5 | 11 | 50 | 10.6 | 12 | **R/L331.52-200S50MM** | 50.0 | 29.20 | 2 | 69.0 | 31.2 | 3.0 | 9.90 | 9600 | 12 | N331.1A-11 |
| 250 | 89.5 | 11 | 50 | 10.6 | 16 | **L331.52-250S50MM** | 50.0 | 29.20 | 2 | 69.0 | 31.2 | 3.0 | 12.96 | 8500 | 16 | N331.1A-11 |
| 315 | 114.5 | 11 | 60 | 10.6 | 20 | **R/L331.52-315S60NM** | 60.0 | 32.80 | 2 | 84.0 | 34.8 | 3.0 | 17.30 | 7600 | 20 | N331.1A-11 |

| | Reserve onderdelen | | |
|---|---|---|---|
| Bestelnummer | Wisselplaat-schroef | Wigset | Schroef |
| R/L331.52-125S40EM | 5513 020-24 | 5431 105-01 | 339-831 |
| R/L331.52-125S40FM | 5513 020-24 | 5431 105-02 | 339-831 |
| R/L331.52-160S40EM | 5513 020-24 | 5431 105-01 | 339-831 |
| R/L331.52-160S40FM | 5513 020-24 | 5431 105-02 | 339-831 |
| R/L331.52-080S27EM | 5513 020-24 | 5431 105-01 | 269-832 |
| R/L331.52-080S27FM | 5513 020-24 | 5431 105-02 | 269-832 |
| R/L331.52-100S32EM | 5513 020-24 | 5431 105-01 | 339-831 |
| R/L331.52-100S32FM | 5513 020-24 | 5431 105-02 | 339-831 |
| R/L331.52-160S40KM | 5513 020-29 | 5431 105-04 | 339-831 |
| R/L331.52-200S50MM | 5513 020-29 | 5431 105-03 | 339-831 |
| R/L331.52-250S50MM | 5513 020-29 | 5431 105-03 | 339-831 |
| R/L331.52-315S60NM | 5513 020-29 | 5431 105-04 | 339-831 |
| R/L331.52-100S32KM | 5513 020-29 | 5431 105-04 | 5516 010-02 |
| R/L331.52-125S40KM | 5513 020-29 | 5431 105-04 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I130 L2 N23 N6



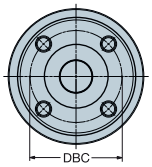
SANDVIK Coromant

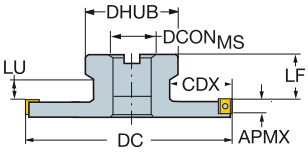
# CoroMill 331 Instelbare tweezijdige schijffrees

**Doorn**

STDNO ISO6462
KAPR 90°








N331.1A

| DC | CDX | | CZCMS | APMX | | Bestelnummer | Afmetingen, mm DCONMS | ISO | DBC | LF | LU | DHUB | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 20.0 | 08 | 27 | 7.6 | 6 | **R331.52-080Q27EML** | 27.0 | A | | 53.00 | 30 | 54.0 | 1.2 | 0.80 | 18100 | 6 | N331.1A-08 |
| 80 | 20.0 | 08 | 27 | 7.6 | 6 | **R331.52-080Q27FML** | 27.0 | A | | 51.00 | 28 | 54.0 | 1.2 | 0.98 | 18100 | 6 | N331.1A-08 |
| 100 | 22.0 | 08 | 27 | 7.6 | 8 | **R331.52-100Q27EML** | 27.0 | A | | 53.00 | | 54.0 | 1.2 | 1.20 | 15900 | 8 | N331.1A-08 |
| 100 | 22.0 | 08 | 27 | 7.6 | 8 | **R331.52-100Q27FML** | 27.0 | A | | 51.00 | | 54.0 | 1.2 | 1.30 | 15900 | 8 | N331.1A-08 |
| 125 | 29.5 | 08 | 32 | 7.6 | 10 | **R331.52-125Q32FML** | 32.0 | B | | 51.00 | | 64.0 | 1.2 | 1.95 | 14100 | 10 | N331.1A-08 |
| 125 | 29.5 | 08 | 32 | 7.6 | 10 | **R331.52-125Q32EML** | 32.0 | B | | 53.00 | | 64.0 | 1.2 | 1.81 | 14100 | 10 | N331.1A-08 |
| 160 | 41.0 | 08 | 40 | 7.6 | 12 | **R331.52-160Q40FML** | 40.0 | B | | 51.00 | | 76.0 | 1.2 | 2.90 | 12400 | 12 | N331.1A-08 |
| 160 | 41.0 | 08 | 40 | 7.6 | 12 | **R331.52-160Q40EML** | 40.0 | B | | 53.00 | | 76.0 | 1.2 | 2.60 | 12400 | 12 | N331.1A-08 |
| 100 | 25.7 | 11 | 27 | 10.6 | 6 | **R331.52-100Q27KML** | 27.0 | A | | 48.00 | 25 | 54.0 | 3.0 | 1.77 | 14000 | 6 | N331.1A-11 |
| 125 | 29.5 | 11 | 32 | 10.6 | 8 | **R331.52-125Q32KML** | 32.0 | B | | 48.00 | | 64.0 | 3.0 | 2.09 | 12000 | 8 | N331.1A-11 |
| 160 | 41.0 | 11 | 40 | 10.6 | 10 | **R331.52-160Q40KML** | 40.0 | B | | 48.00 | | 76.0 | 3.0 | 3.02 | 10800 | 10 | N331.1A-11 |
| 200 | 51.0 | 11 | 40S | 10.6 | 12 | **R331.52-200Q40MML** | 40.0 | C | 66.7 | 35.80 | | 96.0 | 3.0 | 11.12 | 9600 | 12 | N331.1A-11 |

| | Reserve onderdelen | | |
|---|---|---|---|
| Bestelnummer | Wisselplaat-schroef | Wigset | Schroef |
| R331.52-080Q27EML | 5513 020-24 | 5431 105-01 | 269-832 |
| R331.52-080Q27FML | 5513 020-24 | 5431 105-02 | 269-832 |
| R331.52-100Q27EML | 5513 020-24 | 5431 105-01 | 5516 010-02 |
| R331.52-100Q27FML | 5513 020-24 | 5431 105-02 | 5516 010-02 |
| R331.52-125Q32EML | 5513 020-24 | 5431 105-01 | 339-831 |
| R331.52-125Q32FML | 5513 020-24 | 5431 105-02 | 339-831 |
| R331.52-160Q40EML | 5513 020-24 | 5431 105-01 | 339-831 |
| R331.52-160Q40FML | 5513 020-24 | 5431 105-02 | 339-831 |
| R331.52-100Q27KML | 5513 020-29 | 5431 105-04 | 339-831 |
| R331.52-125Q32KML | 5513 020-29 | 5431 105-04 | 339-831 |
| R331.52-160Q40KML | 5513 020-29 | 5431 105-04 | 339-831 |
| R331.52-200Q40MML | 5513 020-29 | 5431 105-03 | 339-831 |
| R331.52-250Q60MML | 5513 020-29 | 5431 105-03 | 339-831 |
| R331.52-315Q60NML | 5513 020-29 | 5431 105-04 | 339-831 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com


I130


L2


M1

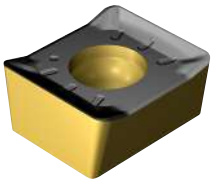


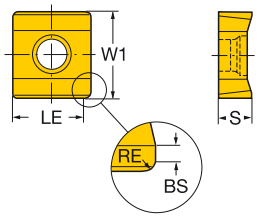
N23


N6

# CoroMill® 331 wisselplaat voor schijffrees

KRINS 90°






| | | RE | Bestelnummer | P | | | | M | | | | K | | | | N | | | | S | | | | H | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1130 | 4330 | 4340 | 530 | 1040 | 1130 | 2040 | 530 | 1020 | 3040 | 3220 | 3330 | 1130 | 530 | H10 | H13A | 1130 | 2040 | H13A | S30T | 1130 | 530 | W1 | LE | S | BS |
| Licht | 04 | 0.50 | N331.1A-04 35 05E-KL | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 4.6 | 3.50 | 0.4 |
| | | 0.50 | N331.1A-04 35 05H-NL | ☆ | | | | | ☆ | | | | | | | ☆ | | ★ | | ☆ | | | | ☆ | | 9.5 | 4.6 | 3.50 | 0.2 |
| | | 0.50 | N331.1A-04 35 05H-PL | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 9.5 | 4.6 | 3.50 | 0.4 |
| | | 0.50 | N331.1A-04 35 05H-WL | ☆ | | | | | ☆ | | | | | | | ☆ | | | ☆ | ☆ | | ☆ | | ☆ | | 9.5 | 4.6 | 3.50 | 0.4 |
| | | 0.50 | N331.1A-043505E-L30 | | | | | ☆ | | ☆ | | | | | | | | | | | ☆ | | ☆ | | | 9.5 | 4.6 | 3.49 | 0.4 |
| | | 0.50 | N331.1A-043505E-L50 | ★ | | | | ★ | ☆ | ☆ | | | | | | | | | | ☆ | ☆ | | ★ | | | 9.5 | 4.6 | 3.49 | 0.4 |
| | 05 | 0.80 | N331.1A-05 45 08E-KL | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 5.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-05 45 08H-NL | ☆ | | | | | ☆ | | | | | | | ☆ | | ★ | | ☆ | | | | ☆ | | 9.5 | 5.7 | 4.45 | 0.8 |
| | | 0.80 | N331.1A-05 45 08H-PL | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 9.5 | 5.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-05 45 08H-WL | ☆ | | | | | ☆ | | | | | | | ☆ | | | ☆ | ☆ | | ☆ | | ☆ | | 9.5 | 5.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-054508E-L30 | | | | | ☆ | | ☆ | | | | | | | | | | | ☆ | | ☆ | | | 9.5 | 5.7 | 4.49 | 1.2 |
| | | 0.80 | N331.1A-054508E-L50 | ★ | | | | ★ | ☆ | ☆ | | | | | | | | | | ☆ | ☆ | | ★ | | | 9.5 | 5.7 | 4.49 | 1.2 |
| | 08 | 0.80 | N331.1A-08 45 08E-KL | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-08 45 08H-NL | ☆ | | | | | ☆ | | | | | | | ☆ | | ★ | | ☆ | | | | ☆ | | 9.5 | 7.7 | 4.45 | 0.9 |
| | | 0.80 | N331.1A-08 45 08H-PL | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-08 45 08H-WL | ☆ | | | ☆ | | ☆ | | ☆ | | | | | ☆ | ☆ | | ☆ | ☆ | | ☆ | | ☆ | ☆ | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 2.00 | N331.1A-08 45 20E-KL | | | | | | | | | ★ | | | | | | | | | | | | | | 9.5 | 6.5 | 4.50 | 1.2 |
| | | 2.00 | N331.1A-08 45 20H-PL | ★ | | | | | ☆ | | | | | | | ☆ | | | | ☆ | | | | ☆ | | 9.5 | 6.5 | 4.50 | 1.2 |
| | | 0.80 | N331.1A-084508E-L30 | | | | | ☆ | | ☆ | | | | | | | | | | | ☆ | | ☆ | | | 9.5 | 7.7 | 4.49 | 1.2 |
| | | 0.80 | N331.1A-084508E-L50 | ★ | | | | ★ | ☆ | ☆ | | | | | | | | | | ☆ | ☆ | | ★ | | | 9.5 | 7.7 | 4.49 | 1.2 |
| | 11 | 0.80 | N331.1A-11 50 08E-KL | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | | | | | | | | | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-11 50 08H-NL | ☆ | | | | | ☆ | | | | | | | ☆ | | ★ | | ☆ | | | | ☆ | | 11.5 | 10.7 | 4.95 | 1.3 |
| | | 0.80 | N331.1A-11 50 08H-PL | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-11 50 08H-WL | ☆ | | | | | ☆ | | | | | | | ☆ | | | ☆ | ☆ | | ☆ | | ☆ | | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 2.00 | N331.1A-11 50 20E-KL | | | | | | | | | ★ | | | | | | | | | | | | | | 11.5 | 9.5 | 5.00 | 1.2 |
| | | 2.00 | N331.1A-11 50 20H-PL | ★ | | | | | ☆ | | | | | | | ☆ | | | | ☆ | | | | ☆ | | 11.5 | 9.5 | 5.00 | 1.2 |
| | | 0.80 | N331.1A-115008E-L30 | | | | | ☆ | | ☆ | | | | | | | | | | | ☆ | | ☆ | | | 11.5 | 10.7 | 4.99 | 1.2 |
| | | 0.80 | N331.1A-115008E-L50 | ★ | | | | ★ | ☆ | ☆ | | | | | | | | | | ☆ | ☆ | | ★ | | | 11.5 | 10.7 | 4.99 | 1.2 |
| | 14 | 0.80 | N331.1A-14 50 08E-KL | | | | | | | | | ★ | ☆ | ☆ | ☆ | | | | | | | | | | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-14 50 08H-NL | ☆ | | | | | ☆ | | | | | | | ☆ | | ★ | | ☆ | | | | ☆ | | 11.5 | 13.7 | 4.95 | 1.1 |
| | | 0.80 | N331.1A-14 50 08H-PL | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-14 50 08H-WL | ☆ | | | | | ☆ | | | | | | | ☆ | | | ☆ | ☆ | | ☆ | | ☆ | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-145008E-L30 | | | | | ☆ | | ☆ | | | | | | | | | | | ☆ | | ☆ | | | 11.5 | 13.7 | 4.98 | 1.2 |
| | | 0.80 | N331.1A-145008E-L50 | ★ | | | | ★ | ☆ | ☆ | | | | | | | | | | ☆ | ☆ | | ★ | | | 11.5 | 13.7 | 4.98 | 1.2 |
| Middelmatig | 04 | 0.50 | N331.1A-04 35 05M-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 4.6 | 3.50 | 0.4 |
| | | 0.50 | N331.1A-04 35 05M-PM | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 9.5 | 4.6 | 3.50 | 0.4 |
| | | 0.50 | N331.1A-043505E-M30 | ★ | ★ | | | | | | | ★ | ★ | | | | | | | | | | | ☆ | | 9.5 | 4.6 | 3.50 | 0.4 |
| | 05 | 0.80 | N331.1A-05 45 08E-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 5.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-05 45 08H-PM | | ☆ | | | | | | | | | | | | | | | | | | | | | 9.5 | 5.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-05 45 08M-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 5.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-05 45 08M-PM | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 9.5 | 5.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-054508E-M30 | ★ | ★ | | | | | | | ★ | ★ | | | | | | | | | | | ☆ | | 9.5 | 5.7 | 4.50 | 1.2 |
| | 08 | 0.80 | N331.1A-08 45 08E-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-08 45 08H-PM | | ☆ | | | | | | | | | | | | | | | | | | | | | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-08 45 08H-WM | | | | ☆ | | | | ☆ | | | | | | ☆ | | ☆ | | | ☆ | | | ☆ | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-08 45 08M-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-08 45 08M-PM | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 9.5 | 7.7 | 4.45 | 1.2 |
| | | 2.00 | N331.1A-08 45 20E-KM | | | | | | | | | ★ | ★ | | | | | | | | | | | | | 9.5 | 6.5 | 4.45 | 1.2 |
| | | 2.00 | N331.1A-08 45 20H-PM | ★ | ★ | | | | ☆ | | | | | | | ☆ | | | | ☆ | | | | ☆ | | 9.5 | 6.5 | 4.45 | 1.2 |
| | | 0.80 | N331.1A-084508E-M30 | ★ | ★ | | | | | | | ★ | ★ | | | | | | | | | | | ☆ | | 9.5 | 7.7 | 4.50 | 1.2 |

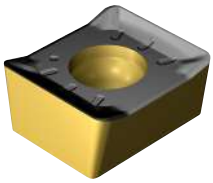
I116 I154 I175 N23 N6 N10

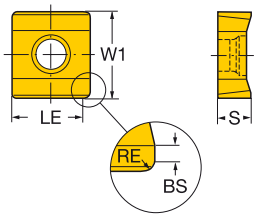


SANDVIK Coromant

# CoroMill® 331 wisselplaat voor schijffrees

KRINS 90°





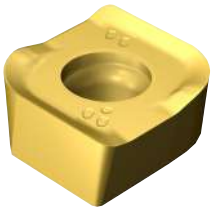

| | | RE | Bestelnummer | P | | | | M | | | | K | | | | N | | | | S | | | | H | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1130 | 4330 | 4340 | 530 | 1040 | 1130 | 2040 | 530 | 1020 | 3040 | 3220 | 3330 | 1130 | 530 | H10 | H13A | 1130 | 2040 | H13A | S30T | 1130 | 530 | W1 | LE | S | BS |
| Medium | 11 | 0.80 | N331.1A-11 50 08E-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-11 50 08H-PM | | ☆ | | | | | | | | | | | | | | | | | | | | | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-11 50 08H-WM | | | | ☆ | | | | ☆ | | | | | | ☆ | | ☆ | | | ☆ | | | ☆ | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-11 50 08M-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-11 50 08M-PM | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 11.5 | 10.7 | 4.95 | 1.2 |
| | | 2.00 | N331.1A-11 50 20E-KM | | | | | | | | | ★ | ★ | | | | | | | | | | | | | 11.5 | 9.5 | 4.95 | 1.2 |
| | | 2.00 | N331.1A-11 50 20H-PM | ★ | ★ | | | | ☆ | | | | | | | ☆ | | | | ☆ | | | | ☆ | | 11.5 | 9.5 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-115008E-M30 | ★ | ★ | | | | | | | ★ | ★ | | | | | | | | | | | ☆ | | 11.5 | 10.7 | 5.00 | 1.2 |
| | 14 | 0.80 | N331.1A-14 50 08E-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-14 50 08H-PM | | ☆ | | | | | | | | | | | | | | | | | | | | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-14 50 08H-WM | | | | | | | | | | | | | | | ☆ | | | ☆ | | | | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-14 50 08M-KM | | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-14 50 08M-PM | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | 11.5 | 13.7 | 4.95 | 1.2 |
| | | 0.80 | N331.1A-145008E-M30 | ★ | ★ | | | | | | | ★ | ★ | | | | | | | | | | | ☆ | | 11.5 | 13.7 | 5.00 | 1.2 |

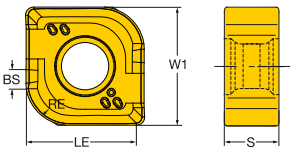
I116 I154 I175 N23 N6 N10

# CoroMill® 331 wisselplaat voor schijffrees

**Freeslichamen voor radii-wisselplaten leverbaar als Tailor Made.**

KRINS 90°






| | | SSC | RE | Bestelnummer | P | | M | | | | K | | N | S | | | H | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4330 | 1040 | 1130 | 2040 | S30T | 1020 | 3040 | 1130 | 1130 | 2040 | S30T | 1130 | W1 | LE | S | BS |
| Licht | L50 | 11 | 3.05 | R/L331.1A-115030E-L50 | | | ★ | | ☆ | ☆ | | | | | ☆ | ★ | | 11.5 | 10.7 | 5.00 | 1.3 |
| | | | 4.00 | R/L331.1A-115040E-L50 | | | ★ | | ☆ | ☆ | | | | | ☆ | ★ | | 11.5 | 10.7 | 5.00 | 1.4 |
| | | | 4.83 | R/L331.1A-115048E-L50 | | | ★ | | ☆ | ☆ | | | | | ☆ | ★ | | 11.5 | 10.7 | 5.00 | 1.5 |
| | | | 6.35 | R/L331.1A-115063E-L50 | | | ★ | | ☆ | ☆ | | | | | ☆ | ★ | | 11.5 | 10.7 | 5.00 | 1.6 |
| Middelmatig | M30 | 11 | 1.52 | R/L331.1A-115015E-M30 | ★ | ☆ | | ☆ | | | ★ | ☆ | ☆ | ☆ | | | ☆ | 11.5 | 10.7 | 5.00 | 1.2 |
| | | | 2.29 | R/L331.1A-115023E-M30 | ★ | ☆ | | ☆ | | | ★ | ☆ | ☆ | ☆ | | | ☆ | 11.5 | 10.7 | 5.00 | 1.2 |
| | | | 3.05 | R/L331.1A-115030E-M30 | ★ | ☆ | | ☆ | | | ★ | ☆ | ☆ | ☆ | | | ☆ | 11.5 | 10.7 | 5.00 | 1.3 |
| | WM | 08 | 4.00 | R/L331.1A-08 45 40H-WM | ★ | ☆ | | ☆ | | | ★ | ☆ | ☆ | ☆ | | | ☆ | 9.5 | 7.7 | 4.45 | 1.4 |
| | | 11 | 4.00 | R/L331.1A-11 50 40H-WM | ★ | ☆ | | ☆ | | | ★ | ☆ | ☆ | ☆ | | | ☆ | 11.5 | 10.7 | 4.95 | 1.4 |
| | | 14 | 4.00 | R/L331.1A-14 50 40H-WM | ★ | ☆ | | ☆ | | | ★ | ☆ | ☆ | ☆ | | | ☆ | 11.5 | 13.7 | 4.95 | 1.4 |

I116 I154 I175 N23 N6 N10

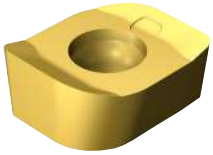


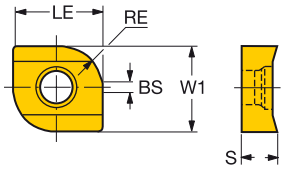
SANDVIK Coromant

# CoroMill® 331 wisselplaat voor schijffrees

**Freeslichamen voor radii-wisselplaten leverbaar als Tailor Made.**

KRINS 90°



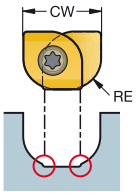



| | | | | | P | | M | | K | | N | | S | | | | H | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | RE | Bestelnummer | 1130 | 4340 | 1040 | 1130 | 1025 | 4340 | 1130 | H10F | 1040 | 1130 | S30T | H10F | 1130 | W1 | LE | S | BS |
| Licht | WL | 04 | 1.52 | L331.1A-04 35 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 4.6 | 3.50 | 0.4 |
| | | | 2.29 | L331.1A-04 35 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 4.6 | 3.50 | 0.4 |
| | | | 1.52 | R331.1A-04 35 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 4.6 | 3.50 | 0.4 |
| | | | 2.29 | R331.1A-04 35 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 4.6 | 3.50 | 0.4 |
| | | 05 | 1.52 | L331.1A-05 45 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 5.7 | 4.45 | 1.2 |
| | | | 2.29 | L331.1A-05 45 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | ★ | ★ | ☆ | | ☆ | ★ | 9.5 | 5.7 | 4.45 | 1.2 |
| | | | 3.05 | L331.1A-05 45 30H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 5.7 | 4.45 | 1.3 |
| | | | 1.52 | R331.1A-05 45 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 5.7 | 4.45 | 1.2 |
| | | | 2.29 | R331.1A-05 45 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | ★ | ★ | ☆ | | ☆ | ★ | 9.5 | 5.7 | 4.45 | 1.2 |
| | | | 3.05 | R331.1A-05 45 30H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 5.7 | 4.45 | 1.3 |
| | | 08 | 1.52 | L331.1A-08 45 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ☆ | ☆ | ★ | | ★ | 9.5 | 7.7 | 4.45 | 1.2 |
| | | | 2.29 | L331.1A-08 45 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | ★ | ☆ | ★ | 9.5 | 7.7 | 4.45 | 1.2 |
| | | | 3.05 | L331.1A-08 45 30H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | ★ | ★ | ☆ | | ☆ | ★ | 9.5 | 7.7 | 4.45 | 1.3 |
| | | | 1.52 | R331.1A-08 45 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ☆ | ☆ | ★ | | ★ | 9.5 | 7.7 | 4.45 | 1.2 |
| | | | 2.29 | R331.1A-08 45 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | ★ | ☆ | ★ | 9.5 | 7.7 | 4.45 | 1.2 |
| | | | 3.05 | R331.1A-08 45 30H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 9.5 | 7.7 | 4.45 | 1.3 |
| | | 11 | 1.52 | L331.1A-11 50 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ☆ | ☆ | ★ | | ★ | 11.5 | 10.7 | 4.95 | 1.2 |
| | | | 2.29 | L331.1A-11 50 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | ★ | ☆ | ★ | 11.5 | 10.7 | 4.95 | 1.2 |
| | | | 3.05 | L331.1A-11 50 30H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 10.7 | 4.95 | 1.3 |
| | | | 4.83 | L331.1A-11 50 48H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 10.7 | 4.95 | 1.5 |
| | | | 6.35 | L331.1A-11 50 63H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 10.7 | 4.95 | 1.6 |
| | | | 1.52 | R331.1A-11 50 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ☆ | ☆ | ★ | | ★ | 11.5 | 10.7 | 4.95 | 1.2 |
| | | | 2.29 | R331.1A-11 50 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | ★ | ☆ | ★ | 11.5 | 10.7 | 4.95 | 1.2 |
| | | | 3.05 | R331.1A-11 50 30H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 10.7 | 4.95 | 1.3 |
| | | | 4.83 | R331.1A-11 50 48H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 10.7 | 4.95 | 1.5 |
| | | | 6.35 | R331.1A-11 50 63H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 10.7 | 4.95 | 1.6 |
| | | 14 | 1.52 | L331.1A-14 50 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 13.7 | 4.95 | 1.2 |
| | | | 2.29 | L331.1A-14 50 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 13.7 | 4.95 | 1.2 |
| | | | 3.05 | L331.1A-14 50 30H-WL | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | ★ | ★ | ☆ | | ☆ | ★ | 11.5 | 13.7 | 4.95 | 1.3 |
| | | | 4.83 | L331.1A-14 50 48H-WL | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | ★ | ★ | ☆ | | ☆ | ★ | 11.5 | 13.7 | 4.95 | 1.5 |
| | | | 6.35 | L331.1A-14 50 63H-WL | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | | ★ | ☆ | | | ★ | 11.5 | 13.7 | 4.95 | 1.6 |
| | | | 1.52 | R331.1A-14 50 15H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 13.7 | 4.95 | 1.2 |
| | | | 2.29 | R331.1A-14 50 23H-WL | ★ | | ★ | ☆ | ☆ | | ☆ | | ★ | ☆ | | | ★ | 11.5 | 13.7 | 4.95 | 1.2 |
| | | | 3.05 | R331.1A-14 50 30H-WL | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | ★ | ★ | ☆ | | ☆ | ★ | 11.5 | 13.7 | 4.95 | 1.3 |
| | | | 4.83 | R331.1A-14 50 48H-WL | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | | ★ | ☆ | | | ★ | 11.5 | 13.7 | 4.95 | 1.5 |
| | | | 6.35 | R331.1A-14 50 63H-WL | ★ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | | ★ | ☆ | | | ★ | 11.5 | 13.7 | 4.95 | 1.6 |

## Beperkingen bij het gebruik van wisselplaten met grote hoekradius

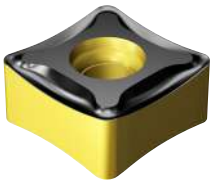
**"Vol" frezen**

| Wisselplaat afmeting | Berekende CW |
|---|---|
| 04 | CW = RE + 4.6 |
| 05 | CW = RE + 6 |
| 08 | CW = RE + 8 |
| 11 | CW = RE + 11 |

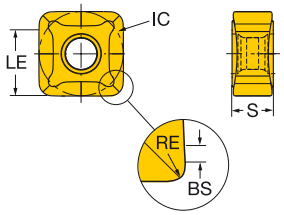



I116 I154 I175 N23 N6 N10

# CoroMill® 331 wisselplaat voor schijffrees

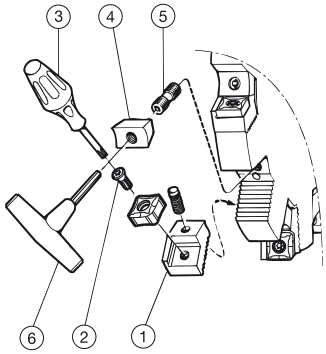


KRINS 88°




| | | | RE | Bestelnummer | P | | | | M | K | | | N | S | H | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1130 | 4220 | 4330 | 4340 | 1130 | 1020 | 3040 | 3330 | 1130 | 1130 | 1130 | IC | LE | S | BS |
| Middelmatig | PM | 13 | 0.80 | N331.1D-136508E-PM | ☆ | | ★ | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | 13.4 | 11.4 | 6.55 | 1.2 |
| | | | 0.80 | N331.1D-136508M-PM | | ☆ | ★ | | | ☆ | ☆ | ★ | | | | 13.4 | 11.4 | 6.55 | 1.2 |
| | | | 1.20 | N331.1D-136512M-PM | | ☆ | | | | ☆ | ☆ | ★ | | | | 13.4 | 11.0 | 6.55 | 1.2 |
| | | | 2.00 | N331.1D-136520E-PM | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | 13.4 | 10.2 | 6.55 | 1.2 |
| | | | 2.00 | N331.1D-136520M-PM | | ☆ | | | | ☆ | ☆ | ★ | | | | 13.4 | 10.2 | 6.55 | 1.2 |

Deze dubbelzijdige wisselplaten hebben optionele cassettes nodig. Zie hieronder voor meer informatie.




Houd er rekening mee dat de diameter van de frees met 3,2 mm toeneemt bij het gebruik van de cassettes voor dubbelzijdige wisselplaten.

| Frees type | 1 | 1 | 2 | 3 | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|
| | Cassette Rechts | Cassette Links | Schroef | Sleutel (Torx Plus) | Draaimoment-sleutel [1] | Wigset | Schroef | Sleutel (mm) |
| QM ($a_p$ 20.5–23.5 mm) | 5321 260-01 | 5321 260-02 | 5513 020-25 | 5680 046-02 (15IP) | 5680 100-06 | 5431 105-05 | 339-831 | 265.2-817 (3.0) |
| RM ($a_p$ 23.5-26.5 mm) | 5321 260-01 | 5321 260-02 | 5513 020-25 | 5680 046-02 (15IP) | 5680 100-06 | 5431 105-05 | 339-831 | 265.2-817 (3.0) |

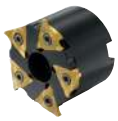
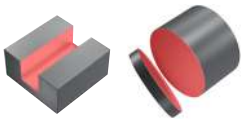
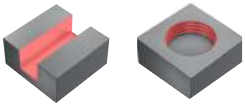
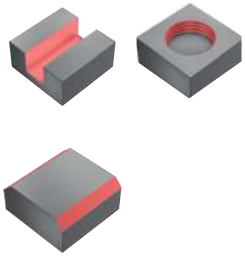
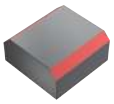
[1] Optioneel onderdeel, a.u.b. afzonderlijk bestellen

I116 I154 I175 N23 N6 N10



SANDVIK Coromant

# Groef-, schroefdraad- en aanschuinfrezen

| | CoroMill® QD | CoroMill® 328 | CoroMill® 327 | CoroMill® 495 |
|---|---|---|---|---|
| |  |  |  |  |
| Pagina | Groeffrezen I136 | Groeffrezen I142 | Groeffrezen I145 | Aanschuinfrezen I151 |
| | | Draadfrezen I148 | Draadfrezen I149 | |
| | | | Aanschuinfrezen I150 | |
| Materiaal | P M K N S H | P M K N S | P M K N S | P M K N S |
| Hoofdbewerking |  |  |  |  |
| $D_c$ mm | 63 - 315 | 39 - 80 | 9.7 - 34.7 | 12 - 63 |
| APMX mm | | 6 | 6 - 10 | 3.8 - 7.7 |
| CW mm | 2 - 6.35 | 1.3 - 5.15 | 0.7 - 5.15 | |
| CDX mm | 21.0 - 117.5 | 3.0 - 5.0 | 0.5 - 10.0 | |
| Wisselplaat |  |  |  |  |
| Plaatgrootte | E,F,G,H,J,K | 13 | 06, 09, 12, 14 | 09 |
| Koppelingen | Doornbevestiging met aandrijfschroeven<br>Cilindrische schacht | Borst met spiebaan<br>Weldon<br>Doorn | Coromant Capto® kort<br>Weldon<br>Geïntegreerde ER-spanhulzen | Coromant Capto®<br>Cilindrische schacht<br>Weldon<br>Coromant EH |
| Inwendige koelvloeistof | ✓ | ✗ | ✓ | ✓ |
| Opties | | | | Beschikbare hoeken: 15°, 30°, 45°, 60° |

# CoroMill® QD

## Veilig groeffrezen en afsteken

### Toepassing

- Diep groeffrezen
- Afsteken
- Inwendig en uitwendig bewerken
- Voordraaien tot nadraaien

### ISO toepassingsgebied:

P M K N S H




### Voordelen en kenmerken

- Kwaliteitsgroeven zonder spaanproblemen
- Zeer betrouwbare gereedschappen
- Snelle en gemakkelijke wisselplaatvervanging

www.sandvik.coromant.com/coromillqd

### Koppelingen

- Cilindrische schacht
- Doorn

### Wisselplaten

Wisselplaten met E- en M-tolerantie verkrijgbaar voor uiteenlopende breedtes en materialen. Wisselplaten met extra lange parallelle geleiderand verkrijgbaar voor oppervlakteafwerking met extra hoge kwaliteit. Leverbaar in hardmetaalsoort GC1130 met ZertivoTM-technologie voor een lange en voorspelbare standtijd.

### Stabiliteitsschijf

Door het gebruik van stabiliteitsschijven voor extra stabiliteit is het mogelijk om groeven te frezen met een hoge snijdiepte/breedte-verhouding (boven de 15) met behoud van een uitmuntende kwaliteit.
Kleinere stabiliteitsschijven die in combinatie met vlakfreesadapters in grote bewerkingscentra kunnen worden gebruikt, vormen een kostenefficiënte oplossing.



### Inwendige koelvloeistof

De oplossing met inwendig koelmiddel zorgt voor een uitstekende spaanverwijdering. Door een einde te maken aan de problemen rond spanen wordt de oppervlaktewaarde verbeterd en voor betrouwbare bewerkingen gezorgd. Inwendig koelmiddel helpt ook om de warmte in de snijzone te reguleren. Dit biedt met name uitkomst in het geval van ISO S-materialen.



I137 I140 N6



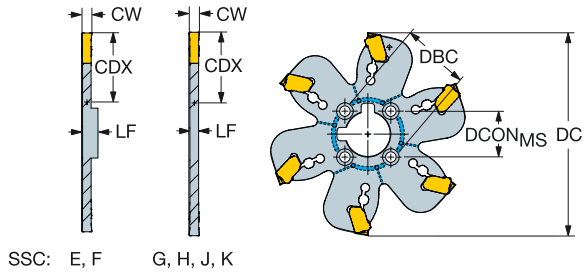
SANDVIK Coromant

# CoroMill® QD wisselplaatfrees voor groefsteken en afsteken

**Doornbevestiging - inwendige koelvloeistoftoevoer**

KAPR 90°






SSC: E, F G, H, J, K

| CW | DC | CDX | SSC | CZC$_{MS}$ | CNSC | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DBC | LF | DRVCT | BAR | KG | RPMX | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.00 | 80 | 24.0 | E | X10 | 4 | 5 | | QD-EC080X10-M | 10.0 | 22.0 | 2.65 | 0 | 50 | 0.12 | 4300 | QD-NE-0200-020E-PM |
| | 100 | 30.0 | E | X22 | 4 | | 8 | QD-EC100X22-M | 22.0 | 32.0 | 2.65 | 2 | 50 | 0.14 | 3900 | QD-NE-0200-020E-PM |
| | 125 | 31.0 | E | X32 | 4 | | 10 | QD-EC125X32-M | 32.0 | 45.0 | 2.65 | 2 | 50 | 0.25 | 3500 | QD-NE-0200-020E-PM |
| | 160 | 40.0 | E | X40 | 4 | 12 | | QD-EC160X40-M | 40.0 | 63.0 | 2.65 | 2 | 50 | 0.32 | 3000 | QD-NE-0200-020E-PM |
| 2.50 | 80 | 24.0 | F | X10 | 4 | | 5 | QD-FC080X10-M | 10.0 | 22.0 | 2.65 | 0 | 50 | 0.13 | 5000 | QD-NF-0250-020E-PM |
| | 100 | 30.0 | F | X22 | 4 | | 8 | QD-FC100X22-M | 22.0 | 32.0 | 2.65 | 2 | 50 | 0.15 | 4400 | QD-NF-0250-020E-PM |
| | 125 | 31.0 | F | X32 | 4 | | 10 | QD-FC125X32-M | 32.0 | 45.0 | 2.65 | 2 | 50 | 0.28 | 4000 | QD-NF-0250-020E-PM |
| | 160 | 40.0 | F | X40 | 4 | 12 | | QD-FC160X40-M | 40.0 | 63.0 | 2.65 | 2 | 50 | 0.36 | 3500 | QD-NF-0250-020E-PM |
| 3.00 | 80 | 24.0 | G | X10 | 4 | 5 | | QD-GC080X10-M | 10.0 | 22.0 | 2.70 | 0 | 70 | 0.14 | 6100 | QD-NG-0300-020E-PM |
| | 100 | 30.0 | G | X22 | 4 | 8 | | QD-GC100X22-M | 22.0 | 32.0 | 2.70 | 2 | 70 | 0.17 | 5500 | QD-NG-0300-020E-PM |
| | 125 | 31.0 | G | X32 | 4 | 10 | | QD-GC125X32-M | 32.0 | 45.0 | 2.70 | 2 | 70 | 0.30 | 4900 | QD-NG-0300-020E-PM |
| | 160 | 40.0 | G | X40 | 4 | | 12 | QD-GC160X40-M | 40.0 | 63.0 | 2.70 | 2 | 70 | 0.40 | 4300 | QD-NG-0300-020E-PM |
| 4.00 | 80 | 24.0 | H | X10 | 4 | 4 | | QD-HC080X10-M | 10.0 | 22.0 | 3.65 | 0 | 70 | 0.14 | 5000 | QD-NH-0400-025E-PM |
| | 100 | 30.0 | H | X22 | 4 | 6 | | QD-HC100X22-M | 22.0 | 32.0 | 3.65 | 2 | 70 | 0.19 | 4400 | QD-NH-0400-025E-PM |
| | 125 | 31.0 | H | X32 | 4 | 8 | | QD-HC125X32-M | 32.0 | 45.0 | 3.65 | 2 | 70 | 0.33 | 4000 | QD-NH-0400-025E-PM |
| | 160 | 40.0 | H | X40 | 4 | 12 | | QD-HC160X40-M | 40.0 | 63.0 | 3.65 | 2 | 70 | 0.48 | 3500 | QD-NH-0400-025E-PM |
| 5.00 | 100 | 30.0 | J | X22 | 4 | 6 | | QD-JC100X22-M | 22.0 | 32.0 | 4.65 | 2 | 70 | 0.22 | 3800 | QD-NJ-0500-030E-PM |
| | 125 | 31.0 | J | X32 | 4 | 8 | | QD-JC125X32-M | 32.0 | 45.0 | 4.65 | 2 | 70 | 0.39 | 3400 | QD-NJ-0500-030E-PM |
| | 160 | 40.0 | J | X40 | 4 | 10 | | QD-JC160X40-M | 40.0 | 63.0 | 4.65 | 2 | 70 | 0.56 | 3000 | QD-NJ-0500-030E-PM |
| 6.00 | 100 | 30.0 | K | X22 | 4 | | 6 | QD-KC100X22-M | 22.0 | 32.0 | 5.65 | 2 | 70 | 0.24 | 3900 | QD-NK-0600-035E-PM |
| | 125 | 31.0 | K | X32 | 4 | | 8 | QD-KC125X32-M | 32.0 | 45.0 | 5.65 | 2 | 70 | 0.44 | 3500 | QD-NK-0600-035E-PM |
| | 160 | 40.0 | K | X40 | 4 | | 10 | QD-KC160X40-M | 40.0 | 63.0 | 5.65 | 2 | 70 | 0.65 | 3000 | QD-NK-0600-035E-PM |

N.B.: koppeling X40 gebruikt inbusschroeven, deze worden met de adapter meegeleverd.

| | Reserve onderdelen |
|---|---|
| DC | Schroef |
| 80.00 | 5513 015-11 |
| 100.00 | 5513 015-10 |
| 125.00 | 5513 015-09 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

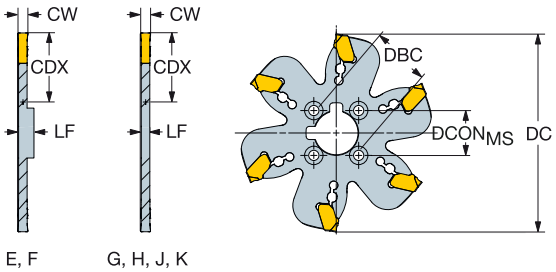
I140 L2 N23 N6 N15

# CoroMill® QD wisselplaatfrees voor groefsteken en afsteken

**Doorn**

KAPR 90°






SSC: E, F G, H, J, K

| CW | DC | CDX | SSC | CZC$_{MS}$ | | | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DBC | LF | DRVCT | KG | RPMX | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.00 | 80 | 24.0 | E | X10 | 5 | | QD-E-080X10-M | 10.0 | 22.0 | 2.65 | 0 | 0.12 | 4300 | QD-NE-0200-020E-PM |
| | 100 | 30.0 | E | X22 | | 8 | QD-E-100X22-M | 22.0 | 32.0 | 2.65 | 2 | 0.14 | 3900 | QD-NE-0200-020E-PM |
| | 125 | 31.0 | E | X32 | | 10 | QD-E-125X32-M | 32.0 | 45.0 | 2.65 | 2 | 0.25 | 3500 | QD-NE-0200-020E-PM |
| | 160 | 40.0 | E | X40 | 12 | | QD-E-160X40-M | 40.0 | 63.0 | 2.65 | 2 | 0.32 | 3000 | QD-NE-0200-020E-PM |
| | 200 | 60.0 | E | X40 | 16 | | QD-E-200X40-M | 40.0 | 63.0 | 2.65 | 2 | 0.64 | 2700 | QD-NE-0200-020E-PM |
| 2.50 | 80 | 24.0 | F | X10 | | 5 | QD-F-080X10-M | 10.0 | 22.0 | 2.65 | 0 | 0.13 | 5000 | QD-NF-0250-020E-PM |
| | 100 | 30.0 | F | X22 | | 8 | QD-F-100X22-M | 22.0 | 32.0 | 2.65 | 2 | 0.16 | 4400 | QD-NF-0250-020E-PM |
| | 125 | 31.0 | F | X32 | | 10 | QD-F-125X32-M | 32.0 | 45.0 | 2.65 | 2 | 0.28 | 4000 | QD-NF-0250-020E-PM |
| | 160 | 40.0 | F | X40 | 12 | | QD-F-160X40-M | 40.0 | 63.0 | 2.65 | 2 | 0.36 | 3500 | QD-NF-0250-020E-PM |
| | 200 | 60.0 | F | X40 | 16 | | QD-F-200X40-M | 40.0 | 63.0 | 2.65 | 2 | 0.73 | 3100 | QD-NF-0250-020E-PM |
| | 250 | 85.0 | F | X40 | 20 | | QD-F-250X40-M | 40.0 | 63.0 | 2.70 | 2 | 0.98 | 2800 | QD-NF-0250-020E-PM |
| 3.00 | 80 | 24.0 | G | X10 | 5 | | QD-G-080X10-M | 10.0 | 22.0 | 2.70 | 0 | 0.14 | 6100 | QD-NG-0300-020E-PM |
| | 100 | 30.0 | G | X22 | 8 | | QD-G-100X22-M | 22.0 | 32.0 | 2.70 | 2 | 0.17 | 5500 | QD-NG-0300-020E-PM |
| | 125 | 31.0 | G | X32 | 10 | | QD-G-125X32-M | 32.0 | 45.0 | 2.70 | 2 | 0.30 | 4900 | QD-NG-0300-020E-PM |
| | 160 | 40.0 | G | X40 | | 12 | QD-G-160X40-M | 40.0 | 63.0 | 2.70 | 2 | 0.40 | 4300 | QD-NG-0300-020E-PM |
| | 200 | 60.0 | G | X40 | | 16 | QD-G-200X40-M | 40.0 | 63.0 | 2.70 | 2 | 0.79 | 3800 | QD-NG-0300-020E-PM |
| | 250 | 85.0 | G | X40 | 20 | | QD-G-250X40-M | 40.0 | 63.0 | 2.70 | 2 | 1.09 | 3400 | QD-NG-0300-020E-PM |
| | 315 | 117.5 | G | X40 | | 24 | QD-G-315X40-M | 40.0 | 63.0 | 2.70 | 2 | 1.90 | 3100 | QD-NG-0300-020E-PM |
| 4.00 | 80 | 24.0 | H | X10 | 4 | | QD-H-080X10-M | 10.0 | 22.0 | 3.65 | 0 | 0.15 | 5000 | QD-NH-0400-025E-PM |
| | 100 | 30.0 | H | X22 | 6 | | QD-H-100X22-M | 22.0 | 32.0 | 3.65 | 2 | 0.19 | 4400 | QD-NH-0400-025E-PM |
| | 125 | 31.0 | H | X32 | 8 | | QD-H-125X32-M | 32.0 | 45.0 | 3.65 | 2 | 0.34 | 4000 | QD-NH-0400-025E-PM |
| | 160 | 40.0 | H | X40 | 12 | | QD-H-160X40-M | 40.0 | 63.0 | 3.65 | 2 | 0.48 | 3500 | QD-NH-0400-025E-PM |
| | 200 | 60.0 | H | X40 | | 14 | QD-H-200X40-M | 40.0 | 63.0 | 3.65 | 2 | 0.94 | 3100 | QD-NH-0400-025E-PM |
| | 250 | 85.0 | H | X40 | | 20 | QD-H-250X40-M | 40.0 | 63.0 | 3.65 | 2 | 1.41 | 2800 | QD-NH-0400-025E-PM |
| | 315 | 117.5 | H | X40 | | 24 | QD-H-315X40-M | 40.0 | 63.0 | 3.65 | 2 | 2.39 | 2500 | QD-NH-0400-025E-PM |
| 5.00 | 100 | 30.0 | J | X22 | 6 | | QD-J-100X22-M | 22.0 | 32.0 | 4.65 | 2 | 0.22 | 3800 | QD-NJ-0500-030E-PM |
| | 125 | 31.0 | J | X32 | 8 | | QD-J-125X32-M | 32.0 | 45.0 | 4.65 | 2 | 0.39 | 3400 | QD-NJ-0500-030E-PM |
| | 160 | 40.0 | J | X40 | 10 | | QD-J-160X40-M | 40.0 | 63.0 | 4.65 | 2 | 0.55 | 3000 | QD-NJ-0500-030E-PM |
| | 200 | 60.0 | J | X40 | 14 | | QD-J-200X40-M | 40.0 | 63.0 | 4.65 | 2 | 1.10 | 2700 | QD-NJ-0500-030E-PM |
| | 250 | 85.0 | J | X40 | 18 | | QD-J-250X40-M | 40.0 | 63.0 | 4.65 | 2 | 1.62 | 2400 | QD-NJ-0500-030E-PM |
| | 315 | 117.5 | J | X40 | | 24 | QD-J-315X40-M | 40.0 | 63.0 | 4.65 | 2 | 2.85 | 2100 | QD-NJ-0500-030E-PM |
| 6.00 | 100 | 30.0 | K | X22 | | 6 | QD-K-100X22-M | 22.0 | 32.0 | 5.65 | 2 | 0.25 | 3900 | QD-NK-0600-035E-PM |
| | 125 | 31.0 | K | X32 | | 8 | QD-K-125X32-M | 32.0 | 45.0 | 5.65 | 2 | 0.44 | 3500 | QD-NK-0600-035E-PM |
| | 160 | 40.0 | K | X40 | | 10 | QD-K-160X40-M | 40.0 | 63.0 | 5.65 | 2 | 0.65 | 3000 | QD-NK-0600-035E-PM |
| | 200 | 60.0 | K | X40 | | 14 | QD-K-200X40-M | 40.0 | 63.0 | 5.65 | 2 | 1.27 | 2700 | QD-NK-0600-035E-PM |
| | 250 | 85.0 | K | X40 | | 18 | QD-K-250X40-M | 40.0 | 63.0 | 5.65 | 2 | 1.92 | 2400 | QD-NK-0600-035E-PM |
| | 315 | 117.5 | K | X40 | 24 | | QD-K-315X40-M | 40.0 | 63.0 | 5.65 | 2 | 3.32 | 2200 | QD-NK-0600-035E-PM |

N.B.: koppeling X40 gebruikt inbusschroeven, deze worden met de adapter meegeleverd.

| | Reserve onderdelen |
|---|---|
| DC | Schroef |
| 80.00 | 5513 015-11 |
| 100.00 | 5513 015-10 |
| 125.00 | 5513 015-09 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I140 L2 N23 N6



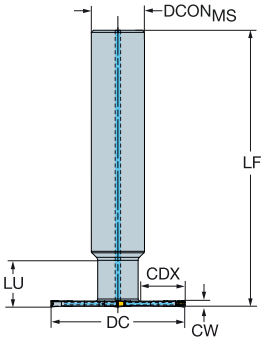
SANDVIK Coromant

# CoroMill® QD wisselplaatfrees voor groefsteken en afsteken

**Cilindrische schacht - interne koelmiddeltoevoer**

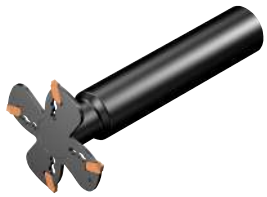


KAPR 90°

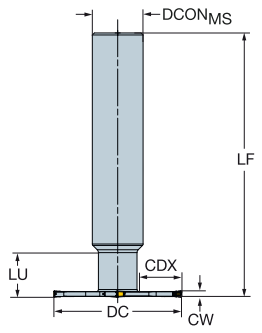



| CW | DC | CDX | SSC | CZCMS | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | BAR | KG | RPMX | BD | LB | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.00 | 63 | 21.0 | E | 25 | 4 | 4 | QD-EC063A25-M | 25.0 | 130.00 | 23 | 70 | 0.67 | 4900 | 19.0 | 21.8 | QD-NE-0200-020E-PM |
| 2.50 | 63 | 21.0 | F | 25 | 4 | 4 | QD-FC063A25-M | 25.0 | 130.00 | 23 | 70 | 0.68 | 5600 | 19.0 | 22.3 | QD-NF-0250-020E-PM |
| 3.00 | 63 | 21.0 | G | 25 | 4 | 4 | QD-GC063A25-M | 25.0 | 130.00 | 24 | 70 | 0.68 | 6900 | 19.0 | 22.7 | QD-NG-0300-020E-PM |
| 5.00 | 80 | 26.5 | J | 32 | 4 | 4 | QD-JC080A32-M | 32.0 | 130.00 | 26 | 70 | 1.05 | 4200 | 25.0 | 24.7 | QD-NJ-0500-030E-PM |
| 6.00 | 80 | 26.5 | K | 32 | 4 | 4 | QD-KC080A32-M | 32.0 | 130.00 | 27 | 70 | 1.06 | 4300 | 25.0 | 25.7 | QD-NK-0600-035E-PM |

**Cilindrische schacht**



KAPR 90°




| CW | DC | CDX | SSC | CZCMS | | Bestelnummer | Afmetingen, mm DCONMS | LF | LU | KG | RPMX | BD | LB | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.00 | 63 | 21.0 | E | 25 | 4 | QD-E-063A25-M | 25.0 | 130.00 | 23 | 0.69 | 4900 | 19.0 | 21.8 | QD-NE-0200-020E-PM |
| 2.50 | 63 | 21.0 | F | 25 | 4 | QD-F-063A25-M | 25.0 | 130.00 | 23 | 0.68 | 5600 | 19.0 | 22.3 | QD-NF-0250-020E-PM |
| 3.00 | 63 | 21.0 | G | 25 | 4 | QD-G-063A25-M | 25.0 | 130.00 | 24 | 0.70 | 6900 | 19.0 | 22.7 | QD-NG-0300-020E-PM |
| 5.00 | 80 | 26.5 | J | 32 | 4 | QD-J-080A32-M | 32.0 | 130.00 | 26 | 1.08 | 4200 | 25.0 | 24.7 | QD-NJ-0500-030E-PM |
| 6.00 | 80 | 26.5 | K | 32 | 4 | QD-K-080A32-M | 32.0 | 130.00 | 27 | 1.07 | 4300 | 25.0 | 25.7 | QD-NK-0600-035E-PM |

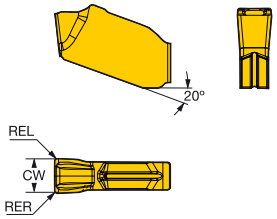
| Reserve onderdelen |
|---|
| Koelmiddelplug |
| 5643 028-02 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I140 L2 N23 N6 N15

# CoroMill® QD wisselplaat voor groefsteken



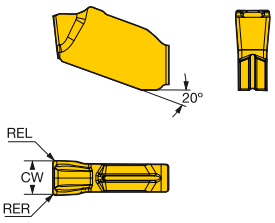



| | SSC | CW | REL | RER | Bestelcode | P | | M | | | K | | N | | S | | | | H | Afmetingen, mm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 1130 | 4340 | 1040 | 1130 | 2040 | 1020 | 3330 | 1130 | H13A | 1130 | H13A | S30T | S40T | 1130 | AN | CWTOLL | CWTOLU |
| Licht | E | 2.00 | 0.10 | 0.10 | QD-NE-0200-010E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 2.00 | 0.20 | 0.20 | QD-NE-0200-020E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.00 | 0.20 | 0.20 | QD-NE-0200-020E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.00 | 0.20 | 0.20 | QD-NE-0200-020E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 2.00 | 0.20 | 0.20 | QD-NE-0200-020E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | F | 2.39 | 0.10 | 0.10 | QD-NF-0239-010E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 2.39 | 0.20 | 0.20 | QD-NF-0239-020E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.39 | 0.20 | 0.20 | QD-NF-0239-020E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.39 | 0.20 | 0.20 | QD-NF-0239-020E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 2.39 | 0.20 | 0.20 | QD-NF-0239-020E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.10 | 0.10 | QD-NF-0250-010E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | G | 3.00 | 0.10 | 0.10 | QD-NG-0300-010E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 3.00 | 0.20 | 0.20 | QD-NG-0300-020E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 3.00 | 0.20 | 0.20 | QD-NG-0300-020E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 3.00 | 0.20 | 0.20 | QD-NG-0300-020E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 3.00 | 0.20 | 0.20 | QD-NG-0300-020E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.10 | 0.10 | QD-NG-0318-010E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | H | 4.00 | 0.15 | 0.15 | QD-NH-0400-015E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 4.00 | 0.25 | 0.25 | QD-NH-0400-025E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 4.00 | 0.25 | 0.25 | QD-NH-0400-025E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 4.00 | 0.25 | 0.25 | QD-NH-0400-025E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 4.00 | 0.25 | 0.25 | QD-NH-0400-025E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | J | 4.76 | 0.20 | 0.20 | QD-NJ-0476-020E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.20 | 0.20 | QD-NJ-0500-020E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | K | 6.00 | 0.25 | 0.25 | QD-NK-0600-025E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 6.00 | 0.35 | 0.35 | QD-NK-0600-035E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 6.00 | 0.35 | 0.35 | QD-NK-0600-035E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 6.00 | 0.35 | 0.35 | QD-NK-0600-035E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 6.00 | 0.35 | 0.35 | QD-NK-0600-035E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.25 | 0.25 | QD-NK-0635-025E-NL | | | | | | | | | ★ | | ☆ | | | | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035E-KL | | | | | | ★ | ☆ | | | | | | | | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035E-ML | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035E-PL | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035E-SL | | | | ☆ | | | | ☆ | | ☆ | | ★ | | ☆ | 7° | 0.005 | 0.055 |

I137 I154 I175 N23 N6 N10

# CoroMill® QD wisselplaat voor groefsteken






| | SSC | CW | REL | RER | Bestelcode | P 1130 | P 4340 | M 1040 | M 1130 | M 2040 | K 1020 | K 3330 | N 1130 | N H13A | S 1130 | S H13A | S S30T | S S40T | H 1130 | Afmetingen, mm AN | CWTOLL | CWTOLU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | E | 2.00 | 0.20 | 0.20 | QD-NE-0200-020E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.00 | 0.20 | 0.20 | QD-NE-0200-020E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 2.00 | 0.20 | 0.20 | QD-NE-0200-020E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 2.00 | 0.20 | 0.20 | QD-NE-0200-020M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 2.00 | 0.35 | 0.35 | QD-NE-0200-035M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | F | 2.39 | 0.20 | 0.20 | QD-NF-0239-020E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.39 | 0.20 | 0.20 | QD-NF-0239-020E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 2.39 | 0.20 | 0.20 | QD-NF-0239-020E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 2.39 | 0.20 | 0.20 | QD-NF-0239-020M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 2.39 | 0.35 | 0.35 | QD-NF-0239-035M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 2.50 | 0.20 | 0.20 | QD-NF-0250-020M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 2.50 | 0.35 | 0.35 | QD-NF-0250-035M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | G | 3.00 | 0.20 | 0.20 | QD-NG-0300-020E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 3.00 | 0.20 | 0.20 | QD-NG-0300-020E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 3.00 | 0.20 | 0.20 | QD-NG-0300-020E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 3.00 | 0.20 | 0.20 | QD-NG-0300-020M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 3.00 | 0.35 | 0.35 | QD-NG-0300-035M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 3.18 | 0.20 | 0.20 | QD-NG-0318-020M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 3.18 | 0.35 | 0.35 | QD-NG-0318-035M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | H | 4.00 | 0.25 | 0.25 | QD-NH-0400-025E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 4.00 | 0.25 | 0.25 | QD-NH-0400-025E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 4.00 | 0.25 | 0.25 | QD-NH-0400-025E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 4.00 | 0.25 | 0.25 | QD-NH-0400-025M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 4.00 | 0.40 | 0.40 | QD-NH-0400-040M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | J | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 4.76 | 0.30 | 0.30 | QD-NJ-0476-030M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 4.76 | 0.45 | 0.45 | QD-NJ-0476-045M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 5.00 | 0.30 | 0.30 | QD-NJ-0500-030M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 5.00 | 0.45 | 0.45 | QD-NJ-0500-045M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | K | 6.00 | 0.35 | 0.35 | QD-NK-0600-035E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 6.00 | 0.35 | 0.35 | QD-NK-0600-035E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 6.00 | 0.35 | 0.35 | QD-NK-0600-035E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 6.00 | 0.35 | 0.35 | QD-NK-0600-035M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 6.00 | 0.50 | 0.50 | QD-NK-0600-050M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035E-MM | | | ★ | | ☆ | | | | | | | | | | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035E-PM | ★ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035E-SM | | | | ☆ | | | | ☆ | | ☆ | | ★ | ☆ | ☆ | 7° | 0.005 | 0.055 |
| | | 6.35 | 0.35 | 0.35 | QD-NK-0635-035M-PM | ☆ | ☆ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 6.35 | 0.50 | 0.50 | QD-NK-0635-050M-KM | | | | | | ☆ | ★ | | | | | | | | 7° | 0.005 | 0.105 |
| Zwaar | E | 2.00 | 0.35 | 0.35 | QD-NE-0200-035M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | F | 2.39 | 0.35 | 0.35 | QD-NF-0239-035M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 2.50 | 0.35 | 0.35 | QD-NF-0250-035M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | G | 3.00 | 0.35 | 0.35 | QD-NG-0300-035M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 3.18 | 0.35 | 0.35 | QD-NG-0318-035M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | H | 4.00 | 0.40 | 0.40 | QD-NH-0400-040M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | J | 4.76 | 0.45 | 0.45 | QD-NJ-0476-045M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 5.00 | 0.45 | 0.45 | QD-NJ-0500-045M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | K | 6.00 | 0.50 | 0.50 | QD-NK-0600-050M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |
| | | 6.35 | 0.50 | 0.50 | QD-NK-0635-050M-PH | ☆ | ★ | | ☆ | | | | ☆ | | ☆ | | | | ☆ | 7° | 0.005 | 0.105 |

I137 I154 I175 N23 N6 N10

# CoroMill® 328

## Groeffrezen, draadfrezen en het frezen van groeven voor borgringen

### Toepassing

- Draadfrezen
- Insteken
- Segerring groeven

### ISO toepassingsgebied:

P M K N S H



### Voordelen en kenmerken

- Wisselplaten gemonteerd in zittingen, voor een veilige en stabiele montage
- Groot programma wisselplaten voor o.a. veerringen, groeven, schroefdraad, etc.
- Scherpe, nauwkeurig geslepen wisselplaat
- Verschillende schroefdraadsoorten mogelijk met één gereedschap
- Uitstekend voor zowel inwendig en uitwendig verspanen
- Leverbaar in vier gereedschapshoudermaten met dezelfde wisselplaatgrootte
- Scherpe snijkanten voor groeven van hoge kwaliteit zonder bramen
- Eén kwaliteit; PVD-gecoat GC1025 voor alle materialen
- Meerdere snijkanten voor voordelig bewerken

www.sandvik.coromant.com/coromill328

### Koppelingen

- Doorn
- Weldon
- Borst met spiebaan

### Wisselplaten

- Drie snijkanten



Draadvormen: V-profiel 60°, M 60° en UN 60°

Segerring groeven



Borgringfrezen met aanschuining



Draadfrezen



I143 I144



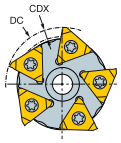
SANDVIK Coromant

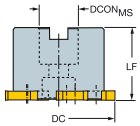
# CoroMill® 328 groeffrees

## Doorn

STDNO ISO6462
KAPR 90°





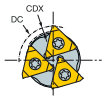



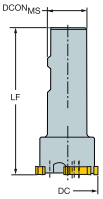

| | | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CW | DC | CDX | ↔ | CZC$_{MS}$ | | Bestelnummer | DCON$_{MS}$ | ISO | LF | DHUB | NM | KG | RPMX | BD | LB | MIID |
| 1.30 | 63 | 5.0 | 13 | 22 | 5 | 328-063Q22-13M | 22.0 | A | 40.00 | 51.0 | 6.5 | 0.84 | 11900 | 51.0 | 40.0 | 328R13-130 00-GM |

## Weldon

KAPR 90°





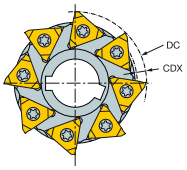



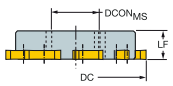

| | | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CW | DC | CDX | ↔ | CZC$_{MS}$ | | Bestelnummer | DCON$_{MS}$ | ISO | LF | NM | KG | | RPMX | BD | LB | MIID |
| 1.30 | 39 | 3.0 | 13 | 25 | 2 | 328-039B25-13M | 25.0 | WE | 125.00 | 6.5 | 0.59 | | 19300 | 32.0 | 69.0 | 328R13-130 00-GM |
| | 44 | 4.0 | 13 | 25 | 3 | 328-044B25-13M | 25.0 | WE | 125.00 | 6.5 | 0.61 | | 17100 | 34.0 | 69.0 | 328R13-130 00-GM |

## Borst met spiebaan

KAPR 90°





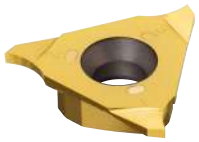

| | | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CW | DC | CDX | ↔ | CZC$_{MS}$ | | Bestelnummer | DCON$_{MS}$ | LF | DRVCT | DHUB | NM | KG | RPMX | BD | LB | MIID |
| 1.30 | 63 | 5.0 | 13 | 22 | 5 | 328-063S22-13M | 22.0 | 14.00 | 1 | 51.0 | 6.5 | 0.22 | 11900 | 51.0 | 14.0 | 328R13-130 00-GM |
| | 80 | 5.0 | 13 | 27 | 8 | 328-080S27-13M | 27.0 | 16.00 | 1 | 68.0 | 6.5 | 0.64 | 9400 | 68.0 | 16.0 | 328R13-130 00-GM |

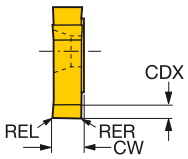
| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 039-05 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I144 L2 M1 N23 N12

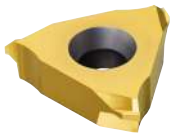
# CoroMill® 328 wisselplaat voor groeffrezen

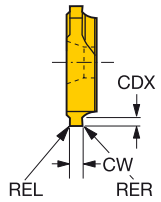





## Voor segerring groeven

| | SSC | CW | REL | RER | CDX | Bestelcode | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | H 1025 | Afmetingen, mm AN | CWTOLL | CWTOLU | RETOLL | RETOLU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | 13 | 1.30 | 0.10 | 0.10 | 5.00 | 328R13-130 00-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 1.60 | 0.10 | 0.10 | 5.00 | 328R13-160 00-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 1.85 | 0.15 | 0.15 | 5.00 | 328R13-185 02-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 2.15 | 0.15 | 0.15 | 5.00 | 328R13-215 02-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 2.65 | 0.15 | 0.15 | 5.00 | 328R13-265 02-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 3.15 | 0.15 | 0.15 | 5.00 | 328R13-315 02-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 4.15 | 0.15 | 0.15 | 5.00 | 328R13-415 02-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 5.15 | 0.15 | 0.15 | 5.00 | 328R13-515 02-GM | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |






## Voor segerring-groeven en aanschuinen

| | SSC | CW | REL | RER | CDX | Bestelcode | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | H 1025 | Afmetingen, mm AN | CWTOLL | CWTOLU | RETOLL | RETOLU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | 13 | 1.85 | 0.15 | 0.15 | 1.25 | 328R13-185 45-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 2.15 | 0.15 | 0.15 | 1.50 | 328R13-215 45-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 2.65 | 0.15 | 0.15 | 1.50 | 328R13-265 4515-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 2.65 | 0.15 | 0.15 | 1.75 | 328R13-265 45-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 3.15 | 0.15 | 0.15 | 1.75 | 328R13-315 45-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 4.15 | 0.15 | 0.15 | 2.00 | 328R13-415 4520-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 4.15 | 0.15 | 0.15 | 2.50 | 328R13-415 45-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |
| | | 5.15 | 0.15 | 0.15 | 3.00 | 328R13-515 45-GC | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 6° | 0.090 | 0.110 | -0.050 | 0.050 |

I143 I154 I175 N23 N12

# CoroMill® 327

## Groef- en schroefdraadfrezen

### Toepassing

- Draadfrezen
- Groeffrezen
- Segerring groeven
- Aanschuinfrezen



### ISO toepassingsgebied:

P M K N S

### Voordelen en kenmerken

- Lage snijkrachten
- Scherpe snijkanten voor groeven van hoge kwaliteit zonder bramen
- Meerdere snijkanten voor hoge productiviteit en kostenefficiënt bewerken
- Groot programma met verschillende schachtlengtes en -diameters
- Groot programma wisselplaten voor o.a. veerringen, o-ringen, sleuven en schroefdraden
- Betrouwbare borging van de wisselplaat
- Inwendige toevoer van koelmiddel
- Verschillende schroefdraadsoorten mogelijk met één gereedschap

www.sandvik.coromant.com/coromill327

### Koppelingen

- Coromant Capto®
- Geïntegreerde ER-spanhulzen
- Weldon stalen of hardmetalen schachten

### Wisselplaten

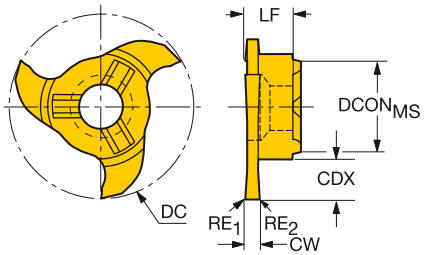
- Wisselplaatgeometrieën en een hardmetaalsoort voor alle materialen
- Scherpe, nauwkeurig geslepen wisselplaat
- Drie of zes tanden
- Draadvormen: V-profiel 60°, M 60°, UN 60° en Whitworth 55°

| Groeffrezen en frezen van groeven voor borgringen | Borgringfrezen met aanschuining | Groefsteken volledige radius | Aanschuinfrezen | Draadfrezen |
|---|---|---|---|---|
|  |  |  |  |  |

I146

# CoroMill® 327 volhardmetalen kop voor groeffrezen






| | | | | | | | | | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CW | RE$_1$ | RE$_2$ | CZC$_{MS}$ | CDX | ZEFP | Bestelnummer | 1025 | 1025 | 1025 | 1025 | 1025 | DCON$_{MS}$ | DC | LF | CWTOLL | CWTOLU | RPMX |
| 1.00 | 0.00 | 0.00 | 6.0 | 1.5 | 3 | 327R06-10 10000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.000 | 0.020 | 50000 |
| 1.50 | 0.20 | 0.20 | 6.0 | 1.5 | 3 | 327R06-10 15002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.000 | 0.020 | 50000 |
| 2.00 | 0.20 | 0.20 | 6.0 | 1.5 | 3 | 327R06-10 20002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.000 | 0.020 | 50000 |
| 2.50 | 0.20 | 0.20 | 6.0 | 1.5 | 3 | 327R06-10 25002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.000 | 0.020 | 50000 |
| 1.50 | 0.10 | 0.10 | 9.0 | 3.5 | 6 | 327R09-18 15001-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 1.50 | 0.20 | 0.20 | 9.0 | 3.5 | 3 | 327R09-18 15002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 2.00 | 0.20 | 0.20 | 9.0 | 3.5 | 3 | 327R09-18 20002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 2.00 | 0.20 | 0.20 | 9.0 | 3.5 | 6 | 327R09-18 20002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 2.50 | 0.20 | 0.20 | 9.0 | 3.5 | 3 | 327R09-18 25002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 2.50 | 0.20 | 0.20 | 9.0 | 3.5 | 6 | 327R09-18 25002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 3.00 | 0.20 | 0.20 | 9.0 | 3.5 | 3 | 327R09-18 30002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 3.00 | 0.20 | 0.20 | 9.0 | 3.5 | 6 | 327R09-18 30002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.020 | 50000 |
| 1.50 | 0.20 | 0.20 | 12.0 | 4.5 | 3 | 327R12-22 15002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.000 | 0.020 | 50000 |
| 2.00 | 0.20 | 0.20 | 12.0 | 4.5 | 3 | 327R12-22 20002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.000 | 0.020 | 50000 |
| 2.50 | 0.20 | 0.20 | 12.0 | 4.5 | 3 | 327R12-22 25002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.000 | 0.020 | 50000 |
| 3.00 | 0.20 | 0.20 | 12.0 | 4.5 | 3 | 327R12-22 30002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.000 | 0.020 | 50000 |
| 4.00 | 0.20 | 0.20 | 12.0 | 4.5 | 3 | 327R12-22 40002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.000 | 0.020 | 50000 |
| 1.50 | 0.10 | 0.10 | 12.0 | 6.5 | 6 | 327R12-28 15001-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 27.70 | 6.45 | 0.000 | 0.020 | 50000 |
| 2.00 | 0.20 | 0.20 | 12.0 | 6.4 | 6 | 327R12-28 20002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 27.70 | 6.40 | 0.000 | 0.020 | 50000 |
| 2.50 | 0.20 | 0.20 | 12.0 | 6.5 | 6 | 327R12-28 25002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 27.70 | 6.25 | 0.000 | 0.020 | 50000 |
| 3.00 | 0.20 | 0.20 | 12.0 | 6.5 | 6 | 327R12-28 30002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 27.70 | 6.25 | 0.000 | 0.020 | 50000 |
| 4.00 | 0.20 | 0.20 | 12.0 | 6.5 | 6 | 327R12-28 40002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 27.70 | 6.25 | 0.000 | 0.020 | 50000 |
| 1.50 | 0.00 | 0.00 | 14.0 | 6.5 | 3 | 327R14-28 15000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 27.70 | 6.50 | 0.000 | 0.020 | 50000 |
| 2.00 | 0.20 | 0.20 | 14.0 | 6.5 | 3 | 327R14-28 20002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 27.70 | 6.50 | 0.000 | 0.020 | 50000 |
| 2.50 | 0.20 | 0.20 | 14.0 | 6.5 | 3 | 327R14-28 25002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 27.70 | 6.50 | 0.000 | 0.020 | 50000 |
| 3.00 | 0.20 | 0.20 | 14.0 | 6.5 | 3 | 327R14-28 30002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 27.70 | 6.50 | 0.000 | 0.020 | 50000 |
| 3.50 | 0.20 | 0.20 | 14.0 | 6.5 | 3 | 327R14-28 35002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 27.70 | 6.50 | 0.000 | 0.020 | 50000 |
| 4.00 | 0.20 | 0.20 | 14.0 | 6.5 | 3 | 327R14-28 40002-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 27.70 | 6.50 | 0.000 | 0.020 | 50000 |
| 1.50 | 0.10 | 0.10 | 14.0 | 10.0 | 6 | 327R14-35 15001-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 34.70 | 6.25 | 0.000 | 0.020 | 50000 |
| 2.00 | 0.20 | 0.20 | 14.0 | 10.0 | 6 | 327R14-35 20002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 34.70 | 6.25 | 0.000 | 0.020 | 50000 |
| 2.50 | 0.20 | 0.20 | 14.0 | 10.0 | 6 | 327R14-35 25002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 34.70 | 6.25 | 0.000 | 0.020 | 50000 |
| 3.00 | 0.20 | 0.20 | 14.0 | 10.0 | 6 | 327R14-35 30002-GMM | ☆ | ☆ | ☆ | ☆ | ☆ | 14.30 | 34.70 | 6.25 | 0.000 | 0.020 | 50000 |

## Voor segerring groeven

| | | | | | | | | | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CW | RE$_1$ | RE$_2$ | CZC$_{MS}$ | CDX | ZEFP | Bestelnummer | 1025 | 1025 | 1025 | 1025 | 1025 | DCON$_{MS}$ | DC | LF | CWTOLL | CWTOLU | RPMX |
| 0.70 | 0.00 | 0.00 | 6.0 | 1.5 | 3 | 327R06-10 07000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.050 | 0.070 | 50000 |
| 0.80 | 0.00 | 0.00 | 6.0 | 1.5 | 3 | 327R06-10 08000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.050 | 0.070 | 50000 |
| 0.90 | 0.00 | 0.00 | 6.0 | 1.5 | 3 | 327R06-10 09000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.050 | 0.070 | 50000 |
| 1.10 | 0.00 | 0.00 | 6.0 | 1.5 | 3 | 327R06-10 11000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.090 | 0.110 | 50000 |
| 1.30 | 0.00 | 0.00 | 6.0 | 1.5 | 3 | 327R06-10 13000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.090 | 0.110 | 50000 |
| 1.60 | 0.00 | 0.00 | 6.0 | 1.5 | 3 | 327R06-10 16000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 9.70 | 3.50 | 0.090 | 0.110 | 50000 |
| 1.10 | 0.00 | 0.00 | 9.0 | 3.5 | 3 | 327R09-18 11000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.090 | 0.110 | 50000 |
| 1.30 | 0.00 | 0.00 | 9.0 | 3.5 | 3 | 327R09-18 13000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.090 | 0.110 | 50000 |
| 1.60 | 0.00 | 0.00 | 9.0 | 3.5 | 3 | 327R09-18 16000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.090 | 0.110 | 50000 |
| 1.60 | 0.00 | 0.00 | 12.0 | 4.5 | 3 | 327R12-22 16000-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.090 | 0.110 | 50000 |
| 1.85 | 0.15 | 0.15 | 12.0 | 4.5 | 3 | 327R12-22 18502-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.090 | 0.110 | 50000 |
| 2.15 | 0.20 | 0.20 | 12.0 | 4.5 | 3 | 327R12-22 21502-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.090 | 0.110 | 50000 |
| 2.65 | 0.15 | 0.15 | 12.0 | 4.5 | 3 | 327R12-22 26502-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.090 | 0.110 | 50000 |
| 3.15 | 0.15 | 0.15 | 12.0 | 4.5 | 3 | 327R12-22 31502-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.090 | 0.110 | 50000 |
| 4.15 | 0.15 | 0.15 | 12.0 | 4.5 | 3 | 327R12-22 41502-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.090 | 0.110 | 50000 |
| 5.15 | 0.15 | 0.15 | 12.0 | 4.5 | 3 | 327R12-22 51502-GM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.70 | 0.090 | 0.110 | 50000 |


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I175



N23



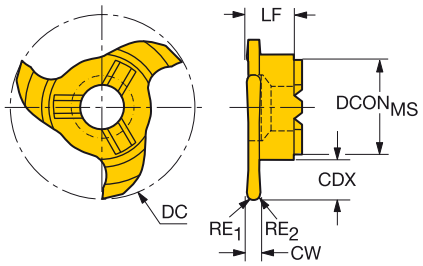
N11



SANDVIK Coromant

# CoroMill® 327 volhardmetalen kop voor groeffrezen

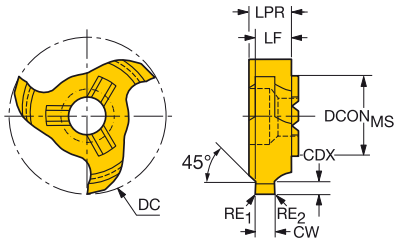





## Voor groeven met volledige radius

| CW | RE1 | RE2 | CZCMS | CDX | ZEFP | Bestelnummer | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | Afmetingen, mm DCONMS | DC | LF | CWTOLL | CWTOLU | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.20 | 1.10 | 1.10 | 6.0 | 2.5 | 3 | 327R06-12 22011-RM | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 11.70 | 3.50 | 0.000 | 0.030 | 50000 |
| 2.20 | 1.10 | 1.10 | 9.0 | 3.5 | 3 | 327R09-18 22011-RM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 17.70 | 5.75 | 0.000 | 0.030 | 50000 |
| 1.00 | 0.50 | 0.50 | 12.0 | 4.5 | 3 | 327R12-22 10005-RM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.75 | 0.000 | 0.030 | 50000 |
| 2.00 | 1.00 | 1.00 | 12.0 | 4.5 | 3 | 327R12-22 20010-RM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.75 | 0.000 | 0.030 | 50000 |
| 3.00 | 1.50 | 1.50 | 12.0 | 4.5 | 3 | 327R12-22 30015-RM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.75 | 0.000 | 0.030 | 50000 |
| 4.00 | 2.00 | 2.00 | 12.0 | 4.5 | 3 | 327R12-22 40020-RM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.75 | 0.000 | 0.030 | 50000 |





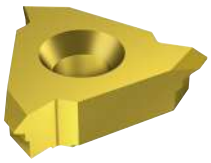

## Borgringgleuven met aanschuining

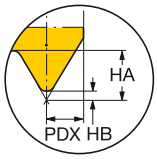
| CW | RE1 | RE2 | CZCMS | CDX | ZEFP | Bestelnummer | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | Afmetingen, mm DCONMS | DC | LF | LPR | CWTOLL | CWTOLU | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.10 | 0.00 | 0.00 | 12.0 | 0.5 | 3 | 327R12-22 11045-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.00 | 5.80 | 0.090 | 0.110 | 50000 |
| 1.30 | 0.00 | 0.00 | 12.0 | 0.7 | 3 | 327R12-22 13045-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.20 | 5.80 | 0.090 | 0.110 | 50000 |
| 1.60 | 0.00 | 0.00 | 12.0 | 1.0 | 3 | 327R12-22 16045-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.00 | 5.80 | 0.090 | 0.110 | 50000 |
| 1.85 | 0.15 | 0.15 | 12.0 | 1.3 | 3 | 327R12-22 18545-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.20 | 5.80 | 0.090 | 0.110 | 50000 |
| 2.15 | 0.15 | 0.15 | 12.0 | 1.5 | 3 | 327R12-22 21545-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.30 | 5.85 | 0.090 | 0.110 | 50000 |
| 2.65 | 0.15 | 0.15 | 12.0 | 1.5 | 3 | 327R12-22 26545-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.00 | 5.80 | 0.090 | 0.110 | 50000 |
| 3.15 | 0.20 | 0.20 | 12.0 | 1.8 | 3 | 327R12-22 31545-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.30 | 5.80 | 0.090 | 0.110 | 50000 |
| 4.15 | 0.20 | 0.20 | 12.0 | 2.0 | 3 | 327R12-22 41545-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.30 | 5.85 | 0.090 | 0.110 | 50000 |
| 1.30 | 0.00 | 0.00 | 12.0 | 0.8 | 3 | 327R12-221304508-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.20 | 5.80 | 0.090 | 0.110 | 50000 |
| 1.60 | 0.00 | 0.00 | 12.0 | 0.8 | 3 | 327R12-221604508-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.00 | 5.80 | 0.090 | 0.110 | 50000 |
| 2.65 | 0.15 | 0.15 | 12.0 | 1.8 | 3 | 327R12-222654518-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.00 | 5.80 | 0.090 | 0.110 | 50000 |
| 4.15 | 0.20 | 0.20 | 12.0 | 2.5 | 3 | 327R12-224154525-GC | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 21.70 | 5.30 | 5.85 | 0.090 | 0.110 | 50000 |

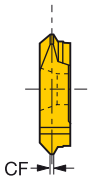
L2 I154 I175 N23 N11

# CoroMill® 328 wisselplaat voor draadfrezen

**Voor inwendig schroefdraad**






## Metrisch 60° Volprofiel

| SSC | TP | NT | Bestelcode | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | H 1025 | Afmetingen, mm CF | HA | HB | PDX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 1.50 | 1 | 328R13-150 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.2 | 0.97 | 0.16 | 0.85 |
| | 2.00 | 1 | 328R13-200 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.3 | 1.30 | 0.22 | 1.05 |
| | 3.00 | 1 | 328R13-300 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.4 | 1.95 | 0.32 | 1.35 |
| | 3.50 | 1 | 328R13-350 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.4 | 2.27 | 0.38 | 1.55 |
| | 4.00 | 1 | 328R13-400 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.5 | 2.60 | 0.43 | 1.75 |
| | 4.50 | 1 | 328R13-450 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.6 | 2.92 | 0.49 | 1.95 |
| | 5.00 | 1 | 328R13-500 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.6 | 3.25 | 0.54 | 2.05 |
| | 5.50 | 1 | 328R13-550 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.7 | 3.57 | 0.60 | 2.30 |
| | 6.00 | 1 | 328R13-600 MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.8 | 3.90 | 0.65 | 2.45 |

## UN 60° Volprofiel

| SSC | TPI | NT | Bestelcode | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | H 1025 | Afmetingen, mm CF | HA | HB | PDX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 16.0 | 1 | 328R13-16 UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.2 | 1.02 | 0.16 | 0.80 |
| | 12.0 | 1 | 328R13-12 UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.3 | 1.38 | 0.23 | 1.00 |
| | 8.0 | 1 | 328R13-08 UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.4 | 2.06 | 0.34 | 1.40 |
| | 4.0 | 1 | 328R13-04 UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.8 | 4.12 | 0.68 | 2.55 |

## V-profiel 60°

| SSC | TPN | TPX | TPIN | TPIX | NT | Bestelcode | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | H 1025 | Afmetingen, mm CF | HA | HB | PDX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 1.5 | 3.5 | 7.0 | 16.0 | 1 | 328R13-150 VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.2 | 2.31 | 0.13 | 1.95 |
| | 4.0 | 6.0 | 4.0 | 6.0 | 1 | 328R13-400 VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | 0.5 | 4.06 | 0.41 | 2.60 |

I143 I154 I175 N23 N12

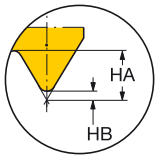


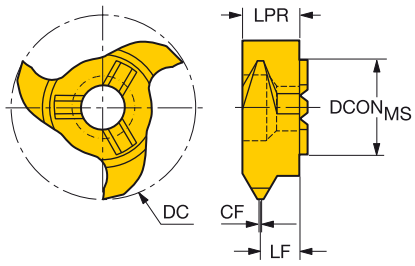
SANDVIK Coromant

# CoroMill® 327 volhardmetalen kop voor draadfrezen

**Voor inwendig schroefdraad**



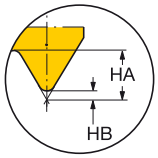


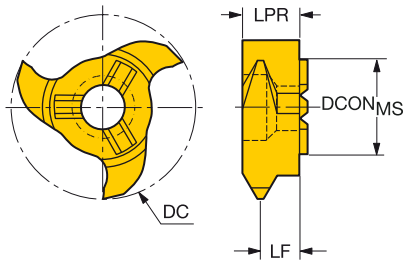




## V-profiel 60° niet afgetopte draad

| TPN | TPX | TPIN | TPIX | DC | $CZC_{MS}$ | ZEFP | Bestelnummer | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | $DCON_{MS}$ | CF | HA | HB | LF | LPR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Afmetingen, mm | | | | | | | | | | |
| 1.0 | 2.0 | 12.0 | 24.0 | 11.70 | 6.0 | 3 | 327R06-12 100VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 0.1 | 1.36 | 0.11 | 2.8 | 3.60 |
| 1.0 | 2.0 | 12.0 | 24.0 | 17.70 | 9.0 | 3 | 327R09-18 100VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.1 | 1.30 | 0.11 | 4.7 | 5.85 |
| 1.0 | 2.0 | 12.0 | 24.0 | 17.70 | 9.0 | 6 | 327R09-18 100VM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.1 | 1.30 | 0.11 | 5.0 | 5.85 |
| 1.0 | 2.0 | 12.0 | 24.0 | 21.70 | 12.0 | 3 | 327R12-22 100VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 0.1 | 1.30 | 0.11 | 4.6 | 5.80 |
| 1.0 | 2.0 | 12.0 | 24.0 | 21.70 | 12.0 | 6 | 327R12-22 100VM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 0.1 | 1.36 | 0.11 | 5.1 | 6.35 |
| 2.5 | 3.0 | 8.0 | 10.0 | 11.70 | 6.0 | 3 | 327R06-12 250VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 0.3 | 2.00 | 0.22 | 2.2 | 3.60 |
| 2.5 | 3.5 | 7.0 | 10.0 | 17.70 | 9.0 | 3 | 327R09-18 250VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.3 | 2.88 | 0.22 | 4.2 | 5.85 |
| 2.5 | 3.5 | 7.0 | 10.0 | 17.70 | 9.0 | 6 | 327R09-18 250VM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.3 | 2.88 | 0.22 | 4.3 | 5.85 |
| 2.5 | 4.5 | 5.0 | 10.0 | 21.70 | 12.0 | 3 | 327R12-22 250VM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 0.3 | 2.92 | 0.22 | 3.7 | 5.60 |
| 2.5 | 4.5 | 5.0 | 10.0 | 21.70 | 12.0 | 6 | 327R12-22 250VM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 0.3 | 2.92 | 0.22 | 4.2 | 6.05 |






## Metrisch 60° Volprofiel

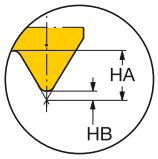
| TP | DC | $CZC_{MS}$ | ZEFP | Bestelnummer | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | $DCON_{MS}$ | HA | HB | LF | LPR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Afmetingen, mm | | | | | | | | | |
| 1.50 | 17.70 | 9.0 | 3 | 327R09-18 150MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.97 | 0.16 | 4.8 | 5.85 |
| 1.50 | 17.70 | 9.0 | 6 | 327R09-18 150MM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.97 | 0.16 | 5.0 | 5.85 |
| 2.00 | 17.70 | 9.0 | 3 | 327R09-18 200MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.30 | 0.22 | 4.6 | 5.85 |
| 2.00 | 17.70 | 9.0 | 6 | 327R09-18 200MM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.30 | 0.22 | 4.8 | 5.85 |
| 3.00 | 17.70 | 9.0 | 3 | 327R09-18 300MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.95 | 0.32 | 4.3 | 5.85 |
| 3.00 | 17.70 | 9.0 | 6 | 327R09-18 300MM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.95 | 0.32 | 4.6 | 5.85 |
| 3.50 | 17.70 | 9.0 | 3 | 327R09-18 350MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 2.27 | 0.38 | 4.0 | 5.85 |
| 3.50 | 17.70 | 9.0 | 6 | 327R09-18 350MM-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 2.27 | 0.38 | 4.0 | 5.85 |
| 1.50 | 21.70 | 12.0 | 3 | 327R12-22 150MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 0.97 | 0.16 | 4.8 | 5.80 |
| 1.75 | 21.70 | 12.0 | 3 | 327R12-22 175MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 1.14 | 0.19 | 4.7 | 5.80 |
| 2.00 | 21.70 | 12.0 | 3 | 327R12-22 200MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 1.30 | 0.22 | 4.6 | 5.80 |
| 3.00 | 21.70 | 12.0 | 3 | 327R12-22 300MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 1.95 | 0.32 | 4.3 | 5.80 |
| 3.50 | 21.70 | 12.0 | 3 | 327R12-22 350MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 2.27 | 0.38 | 4.0 | 5.80 |
| 4.00 | 21.70 | 12.0 | 3 | 327R12-22 400MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 2.60 | 0.43 | 3.9 | 5.80 |
| 4.50 | 21.70 | 12.0 | 3 | 327R12-22 450MM-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 12.00 | 2.92 | 0.49 | 3.7 | 5.70 |

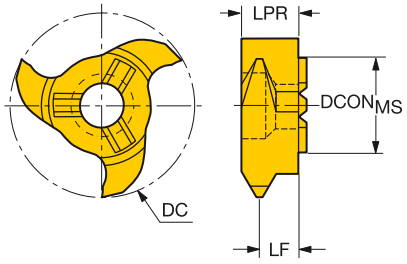
L2 I154 I175 N23 N11

# CoroMill® 327 volhardmetalen kop voor draadfrezen

**Voor inwendig schroefdraad**



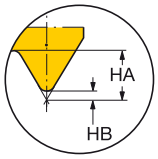


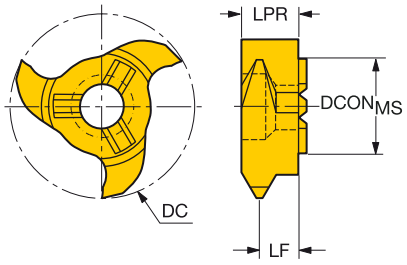




## UN 60° Volprofiel

| TPI | DC | $CZC_{MS}$ | APMX | ZEFP | Bestelnummer | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | Afmetingen, mm $DCON_{MS}$ | HA | HB | LF | LPR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 17.70 | 9.0 | 0.69 | 3 | 327R09-18 20UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.82 | 0.14 | 5.2 | 5.85 |
| 18 | 17.70 | 9.0 | 0.76 | 3 | 327R09-18 18UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 0.92 | 0.15 | 5.0 | 5.85 |
| 16 | 17.70 | 9.0 | 0.86 | 3 | 327R09-18 16UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.03 | 0.17 | 5.0 | 5.85 |
| 16 | 17.70 | 9.0 | 0.86 | 6 | 327R09-18 16UN-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.03 | 0.17 | 5.0 | 5.85 |
| 14 | 17.70 | 9.0 | 0.99 | 3 | 327R09-18 14UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.18 | 0.20 | 5.0 | 5.85 |
| 14 | 17.70 | 9.0 | 0.99 | 6 | 327R09-18 14UN-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.18 | 0.20 | 5.0 | 5.85 |
| 12 | 17.70 | 9.0 | 1.14 | 3 | 327R09-18 12UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.37 | 0.23 | 4.9 | 5.85 |
| 12 | 17.70 | 9.0 | 1.14 | 6 | 327R09-18 12UN-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.37 | 0.23 | 4.9 | 5.85 |
| 11 | 17.70 | 9.0 | 1.24 | 3 | 327R09-18 11UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.50 | 0.25 | 4.8 | 5.85 |
| 11 | 17.70 | 9.0 | 1.24 | 6 | 327R09-18 11UN-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.50 | 0.25 | 4.8 | 5.85 |
| 10 | 17.70 | 9.0 | 1.37 | 3 | 327R09-18 10UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.65 | 0.27 | 4.7 | 5.85 |
| 8 | 17.70 | 9.0 | 1.73 | 3 | 327R09-18 08UN-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 2.06 | 0.34 | 4.4 | 5.85 |
| 8 | 17.70 | 9.0 | 1.73 | 6 | 327R09-18 08UN-THM | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 2.06 | 0.34 | 4.4 | 5.85 |





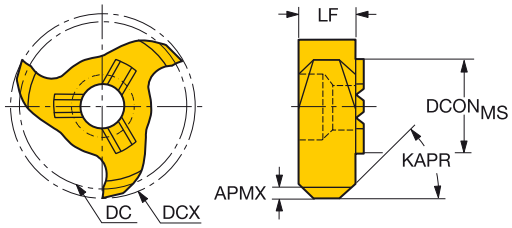




## Whitworth 55° Volprofiel

| TPI | DC | $CZC_{MS}$ | ZEFP | Bestelnummer | P 1025 | M 1025 | K 1025 | N 1025 | S 1025 | Afmetingen, mm $DCON_{MS}$ | HA | HB | LF | LPR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | 11.70 | 6.0 | 3 | 327R06-12 19WH-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 1.07 | 0.21 | 2.5 | 3.60 |
| 19 | 17.70 | 9.0 | 3 | 327R09-18 19WH-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.07 | 0.21 | 4.9 | 5.85 |
| 14 | 11.70 | 6.0 | 3 | 327R06-12 14WH-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 1.45 | 0.29 | 2.3 | 3.60 |
| 14 | 17.70 | 9.0 | 3 | 327R09-18 14WH-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.45 | 0.29 | 4.6 | 5.85 |
| 11 | 11.70 | 6.0 | 3 | 327R06-12 11WH-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 6.00 | 1.85 | 0.37 | 2.0 | 3.60 |
| 11 | 17.70 | 9.0 | 3 | 327R09-18 11WH-TH | ☆ | ☆ | ☆ | ☆ | ☆ | 9.00 | 1.85 | 0.37 | 4.4 | 5.85 |

# CoroMill® 327 volhardmetalen kop voor aanschuinen






| KAPR | $CZC_{MS}$ | APMX | ZEFP | Bestelnummer | P 1025 | M 1025 | K 1025 | Afmetingen, mm $DCON_{MS}$ | DC | DCX | LF | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45° | 6.0 | 0.80 | 3 | 327R06-12 12045-CH | ☆ | ☆ | ☆ | 6.00 | 10.10 | 11.7 | 3.60 | 80000 |
| 45° | 12.0 | 1.70 | 3 | 327R12-22 20045-CH | ☆ | ☆ | ☆ | 12.00 | 18.30 | 21.7 | 5.85 | 80000 |


L2


I154



I175



N23



N11



SANDVIK Coromant

# CoroMill® 495

## Veelzijdige aanschuinfrees

### Toepassing

- Afschuinen van gaten en langs randen
- Veel voorkomende bewerkingen zijn afschuinen, achterwaarts afschuinen, frezen van laskanten en ontbramen

### ISO toepassingsgebied:

P M K N S H



### Voordelen en kenmerken

- Veelzijdig gereedschap voor verschillende aanschuinbewerkingen
- Flexibele wisselplaten die geschikt zijn voor verschillende werkstukmaterialen
- Grote machine-inzetbaarheid dankzij minder gereedschapswisselingen
- Wisselplaten met vier snijkanten
- Snijlichamen met groot aantal wisselplaten in relatie met de grootte

www.sandvik.coromant.com/coromill495

### Koppelingen

- Coromant Capto®
- Cilindrische schacht
- Coromant EH

### Wisselplaten

- Wisselplaatgeometrieën en hardmetaalsoorten voor alle materialen
- Vier snijkanten







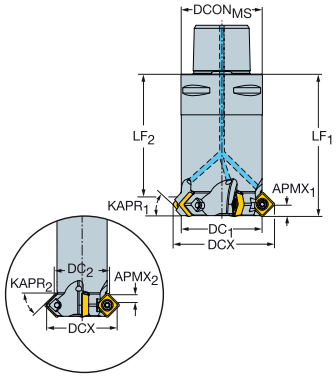
Wijdvertand Dichtvertand Extra dichtvertand

I152 I153

# CoroMill® 495 aanschuinfrees

## Coromant Capto® - inwendige koelmiddeltoevoer

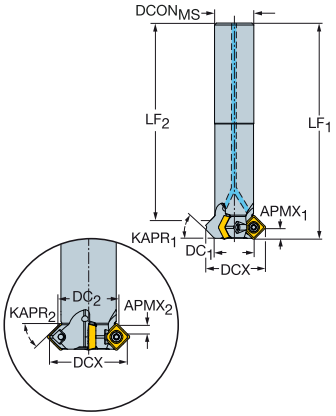





| KAPR1 | KAPR2 | | CZCMS | APMX1 | APMX2 | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DC1 | DC2 | DCX | BD | LF1 | LF2 | BAR | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45° | 45° | 09 | C4 | 5.4 | 5.4 | 3 | 5 | 495-040C4-4509H | 40.0 | 40.5 | 40.5 | 51.9 | 39.7 | 70.0 | 58.4 | 20 | 1.4 | 0.92 | 6100 | 5 | 495-09T3M-XL |
| 45° | 45° | 09 | C5 | 5.4 | 5.4 | 3 | 6 | 495-050C5-4509H | 50.0 | 50.5 | 50.5 | 61.9 | 49.7 | 75.0 | 63.2 | 20 | 1.4 | 1.58 | 5300 | 6 | 495-09T3M-XL |
| 45° | 45° | 09 | C6 | 5.4 | 5.4 | 3 | 7 | 495-063C6-4509H | 63.0 | 63.5 | 63.5 | 74.9 | 62.7 | 80.0 | 68.2 | 20 | 1.4 | 2.43 | 4700 | 7 | 495-09T3M-XL |

## Cilindrische schacht - interne koelmiddeltoevoer






| KAPR1 | KAPR2 | | CZCMS | APMX1 | APMX2 | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DC1 | DC2 | DCX | BD | LF1 | LF2 | LU | BAR | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30° | 60° | 09 | 16 | 3.8 | 6.5 | 1 | 1 | 495-012A16-3009L | 16.0 | 12.0 | 18.3 | 26.0 | 17.2 | 100.0 | 88.7 | | 20 | 1.4 | 0.23 | 14400 | 1 | 495-09T3M-XL |
| 45° | 45° | 09 | 16 | 5.4 | 5.4 | 1 | 1 | 495-012A16-4509L | 16.0 | 12.0 | 17.7 | 23.4 | 11.2 | 100.0 | 90.8 | 51.0 | 20 | 1.4 | 0.23 | 14400 | 1 | 495-09T3M-XL |
| 60° | 30° | 09 | 16 | 6.8 | 3.9 | 1 | 1 | 495-012A16-6009L | 16.0 | 12.0 | 13.5 | 20.1 | 13.5 | 100.0 | 90.3 | 49.0 | 20 | 1.4 | 0.20 | 14400 | 1 | 495-09T3M-XL |
| 75° | | 09 | 16 | 7.7 | | 1 | 1 | 495-012A16-7509L | 16.0 | 12.0 | | 16.2 | 13.0 | | | | 20 | 1.4 | 0.20 | 14400 | 1 | 495-09T3M-XL |
| 45° | 45° | 09 | 20 | 5.4 | 5.4 | 1 | 3 | 495-020A20-4509M | 20.0 | 20.5 | 20.9 | 31.9 | 19.7 | 110.0 | 98.2 | 58.0 | 20 | 1.4 | 0.33 | 9500 | 3 | 495-09T3M-XL |
| 75° | | 09 | 25 | 7.7 | | 1 | 3 | 495-025A25-7509H | 25.0 | 25.5 | | 29.7 | 25.2 | | | | 20 | 1.4 | 0.50 | 8100 | 3 | 495-09T3M-XL |
| 30° | 60° | 09 | 25 | 3.8 | 6.5 | 1 | 4 | 495-025A25-3009H | 25.0 | 25.5 | 31.8 | 39.5 | 30.7 | 120.0 | 108.7 | 59.0 | 20 | 1.4 | 0.54 | 8100 | 4 | 495-09T3M-XL |
| 45° | 45° | 09 | 25 | 5.4 | 5.4 | 1 | 4 | 495-025A25-4509H | 25.0 | 25.5 | 25.9 | 36.9 | 24.7 | 120.0 | 108.2 | | 20 | 1.4 | 0.48 | 8100 | 4 | 495-09T3M-XL |
| 60° | 30° | 09 | 25 | 6.8 | 3.9 | 1 | 4 | 495-025A25-6009H | 25.0 | 25.5 | 19.9 | 33.6 | 18.7 | 120.0 | 108.4 | 59.0 | 20 | 1.4 | 0.42 | 8100 | 4 | 495-09T3M-XL |

| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-04 |

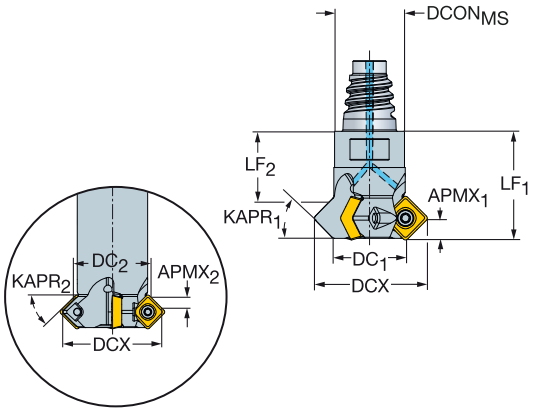
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

I153 L2 N23 N9 N15

# CoroMill® 495 aanschuinfrees

**Coromant EH - interne koelmiddeltoevoer**






| KAPR1 | KAPR2 | | CZCMS | APMX1 | APMX2 | CNSC | | Bestelnummer | Afmetingen, mm DCONMS | DC1 | DC2 | DCX | BD | LF1 | LF2 | BAR | NM | KG | RPMX | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45° | 45° | 09 | E16 | 5.4 | 5.4 | 1 | 1 | 495-012EH16-4509L | 15.5 | 12.0 | 17.7 | 23.4 | 11.2 | 30.0 | 20.8 | 20 | 1.4 | 0.09 | 14400 | 1 | 495-09T3M-XL |
| 45° | 45° | 09 | E20 | 5.4 | 5.4 | 1 | 3 | 495-020EH20-4509M | 19.3 | 20.5 | 20.9 | 31.9 | 19.7 | 30.0 | 18.2 | 20 | 1.4 | 0.15 | 9500 | 3 | 495-09T3M-XL |
| 45° | 45° | 09 | E25 | 5.4 | 5.4 | 1 | 4 | 495-025EH25-4509H | 24.2 | 25.5 | 25.5 | 36.9 | 24.7 | 35.0 | 23.2 | 20 | 1.4 | 0.18 | 8100 | 4 | 495-09T3M-XL |

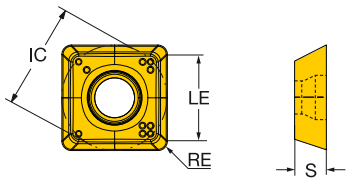
| Reserve onderdelen |
|---|
| Wisselplaat-schroef |
| 5513 020-04 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

# CoroMill® 495 freeswisselplaat

KRINS 90°






| | | | RE | Bestelnummer | P 1130 | M 1040 | M 1130 | N 1130 | S 1130 | H 1130 | Afmetingen, mm IC | LE | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | MM | 09 | 0.80 | 495-09T3M-MM | | ★ | | | | | 9.0 | 7.4 | 3.51 |
| | PM | 09 | 0.80 | 495-09T3M-PM | ★ | | ☆ | ☆ | ☆ | ☆ | 9.0 | 7.4 | 3.51 |

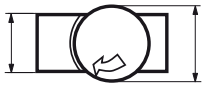
L2 I154 N23 N9 N15 N3

# Frezen met een grote freesbreedte

| ISO P | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CT530 | GC1010 | GC1025 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.05 – 0.1 – 0.2 | 0.05 – 0.1 – 0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Staal** | | | | | | |
| | | **Ongelegeerd** | | | | | | |
| P1.1.Z.AN | 01.1 | C = 0,1–0,25% | 1500 | 125 | 0.25 | 430–390–350 | - | 340-310-255 |
| P1.2.Z.AN | 01.2 | C = 0,25–0,55% | 1600 | 150 | 0.25 | 385–350–315 | - | 305-280-230 |
| P1.3.Z.AN | 01.3 | C = 0,55–0,80% | 1700 | 170 | 0.25 | 365–330–300 | - | 290-260-215 |
| P1.3.Z.AN | 01.4 | | 1800 | 210 | 0.25 | 315–290–260 | - | 250-230-185 |
| P1.3.Z.HT | 01.5 | | 2000 | 300 | 0.25 | 235–210–195 | - | 185-170-140 |
| | | **Laaggelegeerd (legeringselementen ≤ 5%)** | | | | | | |
| P2.1.Z.AN | 02.1 | Ongehard | 1700 | 175 | 0.25 | 300–275–245 | - | 280-255-210 |
| P2.5.Z.HT | 02.2 | Gehard en ontlaten | 1900 | 300 | 0.25 | 195–180–160 | - | 155-140-115 |
| | | **Hooggelegeerd (legeringselementen > 5%)** | | | | | | |
| P3.0.Z.AN | 03.11 | Gegloeid | 1950 | 200 | 0.25 | 230–205–185 | 180-165-135 | 180-165-135 |
| P3.1.Z.AN | 03.13 | Gehard gereedschapsstaal | 2150 | 200 | 0.25 | 190–170–155 | 150-135-110 | 150-135-110 |
| P3.0.Z.HT | 03.21 | | 2900 | 300 | 0.25 | 165–150–135 | 130-120-100 | 130-120-100 |
| P3.0.Z.HT | 03.22 | | 3100 | 380 | 0.25 | 105–95–85 | 80-75-60 | 80-75-60 |
| | | **Gietstukken** | | | | | | |
| P1.5.C.UT | 06.1 | Ongelegeerd | 1400 | 150 | 0.25 | 305–280–250 | 245-220-180 | 245-220-180 |
| P2.6.C.UT | 06.2 | Laaggelegeerd (legeringselementen ≤ 5%) | 1600 | 200 | 0.25 | 245–220–200 | 195-175-145 | 195-175-145 |
| P3.0.C.UT | 06.3 | Hooggelegeerd (legeringselementen > 5%) | 1950 | 200 | 0.25 | 180–160–145 | 140-130-105 | 140-130-105 |

| ISO M | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CT530 | M30B | GC1130 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.1 – 0.2 – 0.4 | 0.05 – 0.1 – 0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Roestvaststaal** | | | | | | |
| | | **Ferrietisch/martensietisch** | | | | | | |
| P5.0.Z.AN | 05.11 | Ongehard | 1800 | 200 | 0.21 | 285 –255 –230 | 265 –210 –135 | 255 –225 –180 |
| P5.0.Z.PH | 05.12 | PH-gehard | 2850 | 330 | 0.21 | 205 –185 –165 | 175 –140 –90 | 180 –160 –130 |
| P5.0.Z.HT | 05.13 | Gehard | 2350 | 330 | 0.21 | 215 –190 –170 | 200 –160 –100 | 185 –165 –135 |
| | | **Austenietisch** | | | | | | |
| M1.0.Z.AQ | 05.21 | Ongehard | 1950 | 200 | 0.21 | 265 –240 –215 | – | 250 –225 –180 |
| M1.0.Z.PH | 05.22 | PH-gehard | 2850 | 330 | 0.21 | 200 –175 –160 | – | 170 –155 –125 |
| M2.0.Z.AQ | 05.23 | Super-austenietisch | 2250 | 200 | | – | – | – |
| | | **Austenietisch-ferrietisch (Duplex)** | | | | | | |
| M3.1.Z.AQ | 05.51 | Niet lasbaar ≥ 0.05%C | 2000 | 230 | 0.21 | 260 –235 –210 | – | 205 –185 –145 |
| M3.2.Z.AQ | 05.52 | Lasbaar < 0,05%C | 2450 | 260 | 0.21 | 230 –205 –185 | – | 175 –155 –125 |
| | | **Roestvaststaal - Gegoten** | | | | | | |
| | | **Ferrietisch/martensietisch** | | | | | | |
| P5.0.C.UT | 15.11 | Ongehard | 1700 | 200 | 0.25 | 255 –230 –205 | 230 –185 –120 | 225 –200 –160 |
| P5.0.C.PH | 15.12 | PH-gehard | 2450 | 330 | 0.25 | 180 –160 –145 | 150 –120 –80 | 155 –140 –115 |
| P5.0.C.HT | 15.13 | Gehard | 2150 | 330 | 0.25 | 195 –175 –155 | 180 –145 –90 | 170 –155 –120 |
| M1.0.C.UT | 15.21 | Ongehard | 1800 | 200 | 0.25 | 255 –225 –205 | – | 235 –210 –170 |
| M1.0C.PH | 15.22 | PH-gehard | 2450 | 330 | 0.25 | 180 –160 –145 | – | 160 –140 –115 |
| M2.0.C.AQ | 15.23 | Super-austenietisch | 2150 | 200 | | – | – | – |
| | | **Austenietisch-ferrietisch (Duplex)** | | | | | | |
| M3.1.C.AQ | 15.51 | Niet lasbaar ≥ 0.05%C | 1800 | 230 | 0.25 | 245 –220 –195 | – | 195 –175 –140 |
| M3.2.C.AQ | 15.52 | Lasbaar < 0,05%C | 2250 | 260 | 0.25 | 215 –190 –170 | – | 160 –145 –115 |

| ISO K | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CB50 | CC6190 | GC1010 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.1 – 0.2 – 0.3 | 0.1 – 0.2 – 0.3 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Smeedbaar gietijzer** | | | | | | |
| | 07.1 | Ferrietisch (kortspanig) | 790 | 130 | 0.28 | - | 1300 –1050 –880 | 225 –185 –150 |
| K1.1.C.NS | 07.2 | Perlietisch (langspanig) | 900 | 230 | 0.28 | - | 1100 –890 –730 | 185 –155 –125 |
| | | **Grijs gietijzer** | | | | | | |
| K2.1.C.UT | 08.1 | Lage treksterkte | 890 | 180 | 0.28 | 910 –780 –670 | 1600–1300–1050 | 245 –200 –165 |
| K2.2.C.UT | 08.2 | Hoge treksterkte | 1100 | 245 | 0.28 | 850 –720 –620 | 1200–990–810 | 195 –160 –130 |
| | | **Nodulair gietijzer** | | | | | | |
| K3.1.C.UT | 09.1 | Ferrietisch | 900 | 160 | 0.28 | - | 1000–830–680 | 155 –125 –105 |
| K3.3.C.UT | 09.2 | Perlietisch | 1350 | 250 | 0.28 | 495 –420 –360 | 840 –690 –570 | 145 –120 –95 |




**Omstandigheden:**

Frees, diameter 125 mm. Gecentreerd over het werkstuk. Freesbreedte van 100 mm.

| GC1130 | GC4220 | GC4330 | GC4340 | GC2030 | GC2040 | GC3040 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.05–0.1–0.2 | 0.1– 0.2–0.3 | 0.1– 0.2–0.3 | 0.1-0.2-0.3 | 0.1–0.2–0.4 | 0.1–0.2–0.4 | 0.1-0.2-0.4 | | | | |
| **Snijsnelheid $v_{c}$, m/min** | | | | | | | | | | |
| 375–340–280 | 490–405–330 | 400–330–270 | 340-280-230 | 295–240–165 | 295 –240 –165 | 390-320-260 | | | | |
| 335–305–250 | 440–360–295 | 360–295–245 | 305-250-205 | 265–215–145 | 265 –215 –145 | 350-285-235 | | | | |
| 320–290–235 | 415–340–280 | 340–280–230 | 290-235-195 | 250–205–135 | 250 –205 –135 | 330-270-220 | | | | |
| 275–250–205 | 365–300–245 | 295–245–200 | 250-205-170 | 220–180–120 | 220 –180 –120 | 290-235-195 | | | | |
| 205–185–155 | 270–220–180 | 220–180–150 | 185-155-125 | 160–130–90 | 160 –130 –90 | 215-175-145 | | | | |
| 265–240–195 | 345–285–230 | 280–230–190 | 240-195-160 | 205–170–115 | 205 –170 –115 | 275-225-185 | | | | |
| 170–155–130 | 225–185–150 | 185–150–125 | 155-130-105 | 135–110–75 | 135 –110 –75 | 180-145-120 | | | | |
| 180–165–135 | 300–245–200 | 195–160–130 | 165-135-110 | 155–130–85 | 155 –130 –85 | 205-170-140 | | | | |
| 150–135–110 | 215–180–145 | 160–130–110 | 135-110-90 | 125–105–70 | 125 –105 –70 | 170-140-115 | | | | |
| 130–120–100 | 190–155–125 | 140–115–95 | 120-100-80 | 110-90–60 | 110 –90 –60 | 150-125-100 | | | | |
| 80–75–60 | 120–95–80 | 85–70–60 | 75-60-50 | 70–55–38 | 70 –55 –38 | 95-75-65 | | | | |
| 245–220–180 | 350–290–235 | 260–215–175 | 220-180-150 | 210–170–115 | 210 –170 –115 | 280-230-190 | | | | |
| 195–175–145 | 280–230–190 | 205–170–140 | 175-145-120 | 170–140–95 | 170 –140 –95 | 220-180-150 | | | | |
| 140–130–105 | 205–170–140 | 150–125–100 | 130-105-85 | 120–100–70 | 120 –100 –70 | 160-135-110 | | | | |

| GC1040 | S30T | S40T | GC2030 | GC2040 | GC4330 | GC4340 | GC1010 | GC1025 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.05-0.15-0.25 | 0.05-0.15-0.25 | 0.1-0.2-0.3 | 0.05 – 0.15 – 0.25 | 0.1 – 0.2 – 0.3 | 0.1 – 0.2 – 0.3 | 0.1-0.2-0.4 | 0.1 – 0.2 – 0.3 | 0.05-0.1-0.2 | | |
| **Snijsnelheid $v_{c}$, m/min** | | | | | | | | | | |
| 185 – 140 – 105 | 255 – 190 – 140 | 250 – 200 – 160 | 240 –190 –155 | 240 –190 –155 | 275 –220 –175 | 210 –170 –110 | 285-255-230 | 255-225-180 | | |
| 130 – 100 – 70 | 180 – 135 – 100 | 170 – 135 – 110 | 170 –135 –110 | 165 –130 –105 | 190 –150 –120 | 140 –110 –70 | 205-185-165 | 180-160-130 | | |
| 135 – 100 – 75 | 185 – 140 – 105 | 180 – 145 – 115 | 175 –140 –115 | 175 –140 –110 | 200 –160 –125 | 160 –125 –80 | 215-190-170 | 185-165-135 | | |
| 180 – 135 – 100 | 250 – 185 – 140 | 210 – 165 – 135 | 235 –190 –150 | 200 –160 –130 | - | 185 –150 –95 | 265-240-215 | 250-225-180 | | |
| 125 – 95 – 70 | 170 – 130 – 95 | 165 – 130 – 105 | 165 –130 –105 | 160 –125 –100 | - | 135 –105 –70 | 200-175-160 | 170-155-125 | | |
| 125 – 90 – 70 | 170 – 125 – 95 | 145 – 115 – 95 | – | – | – | – | 170-125-95 | – | | |
| 150 – 115 – 85 | 205 – 155 – 115 | 175 – 140 – 110 | 195 –155 –125 | 170 –135 –105 | - | 170 –135 –85 | 260-240-215 | 205-185-145 | | |
| 125 – 95 – 70 | 175 – 130 – 95 | 140 – 115 – 90 | 165 –130 –105 | 135 –110 –85 | - | 135 –110 –70 | 230-205-185 | 170-155-125 | | |
| 165 – 125 – 90 | 225 – 165 – 125 | 220 – 175 – 140 | 215 –170 –135 | 210 –170 –135 | 245 –195 –155 | 185 –150 –95 | 255-230-205 | 225-200-160 | | |
| 115 – 85 – 65 | 155 – 115 – 85 | 150 – 120 – 95 | 150 –120 –95 | 145 –115 –90 | 165 –130 –105 | 120 –100 –65 | 180-160-145 | 155-140-115 | | |
| 125 – 90 – 70 | 170 – 125 – 95 | 165 – 135 – 105 | 160 –130 –105 | 160 –130 –100 | 180 –145 –115 | 145 –115 –75 | 195-175-155 | 170-155-120 | | |
| 175 – 130 – 95 | 235 – 175 – 130 | 200 – 160 – 130 | 225 –180 –145 | 190 –155 –125 | - | 180 –140 –90 | 255-225-205 | 235-210-170 | | |
| 115 – 85 – 65 | 160 – 115 – 85 | 150 – 120 – 95 | 150 –120 –95 | 145 –115 –90 | - | 125 –100 –65 | 180-160-145 | 160-140-115 | | |
| 110 – 85 – 60 | 155 – 115 – 85 | 130 – 105 – 85 | – | – | – | – | - | – | | |
| 145 – 105 – 80 | 195 – 15 – 110 | 165 – 130 – 105 | 185 –150 –120 | 160 –125 –100 | - | 160 –125 –80 | 245-220-195 | 195-175-140 | | |
| 115 – 85 – 65 | 160 – 120 – 90 | 135 – 105 – 85 | 150 –120 –95 | 130 –100 –80 | - | 125 –100 –65 | 215-190-170 | 160-145-115 | | |

| GC3220 | GC3330 | GC3040 | K20W | GC4330 | GC4340 | GC1020 | H13A | K20D | K20M | K15W |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.1 – 0.2 – 0.3 | 0.1 – 0.2 – 0.4 | 0.1 – 0.2 – 0.4 | 0.1 – 0.2 – 0.3 | 0.1 – 0.2 – 0.3 | 0.1 – 0.2 – 0.3 | 0.1 – 0.2 – 0.3 | 0.1 – 0.2 – 0.4 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 |
| **Snijsnelheid $v_{c}$, m/min** | | | | | | | | | | |
| 265–220–180 | 260–215–145 | 240–195–135 | 225–185–150 | 215 –175 –145 | 195–160–130 | 205–170–140 | 120–105–75 | 265-220-180 | 255-210-170 | - |
| 220–180–150 | 215–175–120 | 200–165–110 | 185–150–125 | 175 –145 –120 | 160–130–110 | 170–140–115 | 100– 85–65 | 220-180-150 | 210-170-140 | - |
| 290–240–195 | 285–235–155 | 260–215–145 | 245–200–165 | 230 –190 –155 | 215–175–145 | 225–185–150 | 130–110–85 | 290-240-195 | 275-225-185 | 245-200-165 |
| 235–190–155 | 225–185–125 | 210–170–115 | 195–160–130 | 185 –155 –125 | 170–140–115 | 180–145–120 | 105– 90–65 | 235-190-155 | 220-180-150 | 195-160-130 |
| 180–150–125 | 280–230–155 | 165–135–90 | 155–125–105 | 145 –120 –100 | 135–110–90 | 140–115–95 | 80– 70–50 | 180-150-125 | 175-140-115 | - |
| 170–140–115 | 225–185–125 | 150–125–85 | 140–115–95 | 135 –110 –90 | 125–100–85 | 130–105–90 | 75– 65–50 | 170-140-115 | 160-130-110 | - |

# Frezen met een grote freesbreedte

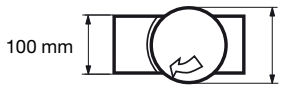
| ISO N | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CD10 | H10 | CT530 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Aluminiumlegeringen** | | | | | | |
| N1.2.Z.UT | 30.11 | Gesmeed of gesmeed en koudgetrokken, niet-veredeld | 400 | 60 | | 1900 –1750 –1600 | 940 –870 –810 | 1050-960-890 |
| N1.2.Z.AG | 30.12 | Gesmeed of gesmeed en veredeld | 650 | 100 | | 1700 –1550 –1450 | 850 –780 –730 | 930-860-800 |
| | | **Aluminiumlegeringen** | | | | | | |
| N1.3.C.UT | 30.21 | Gegoten | 600 | 75 | 0.25 | 1900 –1750 –1600 | 940 –870 –810 | 1050-960-890 |
| N1.3.C.AG | 30.22 | Gegoten of gegoten en veredeld | 700 | 90 | 0.25 | 1700 –1550 –1450 | 850 –790 –730 | 930-860-800 |
| | | **Aluminiumlegeringen** | | | | | | |
| N1.1.Z.UT | 30.3 | Al >99% | 350 | 30 | | 1900 –1750 –1600 | 950 –880 –810 | 1050-960-890 |
| | | **Aluminiumlegeringen** | | | | | | |
| | 30.41 | Gegoten, 13–15% Si | 700 | 130 | | 760 –700 –650 | 380 –350 –325 | 415-385-355 |
| N1.4.C.NS | 30.42 | Gegoten, 16–22% Si | 700 | 130 | | 570 –530 –485 | 285 –265 –245 | 310-290-270 |
| | | **Koper en koperlegeringen** | | | | | | |
| N3.3.U.UT | 33.1 | Automatenstaal legeringen, ≥1% Pb | 550 | 110 | 0.25 | 940 –870 –810 | 470 –435 –405 | 520-480-445 |
| N3.2.C.UT | 33.2 | Messing, loodhoudend brons, ≤1% Pb | 550 | 90 | | 940 –870 –810 | 470 –435 –405 | 520-480-445 |
| N3.1.U.UT | 33.3 | Brons en ongelood koper, incl. elektrolytisch koper | 1350 | 100 | 0.25 | 660 –610 –570 | 330 –305 –285 | 365-335-310 |

| ISO S | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | GC1025 | GC1130 | H13A |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.05 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Hittebestendige superlegeringen** | | | | | | |
| | | **Op ijzerbasis** | | | | | | |
| S1.0.U.AN | 20.11 | Gegloeid of ontlatend behandeld | 2400 | 200 | 0.25 | 60 –55 –50 | 60 –55 –50 | 60 –55 –50 |
| S1.0.U.AG | 20.12 | Veredeld of met opp. behandeld en veredeld | 2500 | 280 | 0.25 | 45 –40 –37 | 45 –40 –37 | 45 –40 –38 |
| | | **Op nikkelbasis** | | | | | | |
| S2.0.Z.AN | 20.21 | Gegloeid of ontlatend behandeld | 2650 | 250 | 0.25 | 60 –55 –50 | 60 –55 –50 | 55-55-50 |
| S2.0.Z.AG | 20.22 | Veredeld of met opp. behandeld en veredeld | 2900 | 350 | 0.25 | 36 –33 –30 | 36 –33 –30 | 35-33-30 |
| S2.0.C.NS | 20.24 | Gegoten of gegoten en veredeld | 3000 | 320 | 0.25 | 45 –40 –36 | 45 –40 –36 | 45-40-38 |
| | | **Op cobaltbasis** | | | | | | |
| S3.0.Z.AN | 20.31 | Gegloeid of ontlatend behandeld | 2700 | 200 | 0.25 | 25 –22 –20 | 25 –22 –20 | 23-21-18 |
| S3.0.Z.AG | 20.32 | Oplossend behandeld en veredeld | 3000 | 300 | 0.25 | 18 –16 –14 | 18 –16 –14 | 17-15-13 |
| S3.0.C.NS | 20.33 | Gegoten of gegoten en veredeld | 3100 | 320 | 0.25 | 16 –14 –13 | 16 –14 –13 | 16-14-13 |
| | | **Titaniumlegeringen1)** | | Rm2) | | | | |
| S4.1.Z.UT | 23.1 | Commercieel zuiver (99,5% Ti) α-, bijna α- en α+β-legeringen, gegloeide α+β-legeringen | 1300 | 400 | 0.23 | 125 –115 –105 | 125 –115 –105 | 125-115-110 |
| S4.2.Z.AN | 23.21 | in veredelde omstandigheden, β-legeringen, gegloeid of veredeld | 1400 | 950 | 0.23 | 55 –50 –45 | 55 –50 –45 | 50-45-45 |
| S4.3.Z.AG | 23.22 | | 1400 | 1050 | 0.23 | 45 –40 –36 | 45 –40 –36 | 38-36-33 |

| ISO H | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CB50 | CT530 | GC4220 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.07 – 0.12 – 0.2 | 0.07 – 0.12 – 0.2 | 0.1 - 0.15 - 0.25 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Extra hard staal** | | | | | | |
| H1.3.Z.HA | 04.1 | Gehard en ontlaten | 4200 | 59 HRC | 0.25 | 160 –140 –115 | 80 –75 –55 | 55-45-36 |
| | | **Coquille gietijzer** | | | | | | |
| H2.0.C.UT | 10.1 | Gegoten of gegoten en veredeld | 2250 | 400 | 0.28 | 310 –270 –215 | 155 –140 –110 | 100-90-70 |

1) 45-60° instelhoek. Positieve snijgeometrie en koelvloeistof gebruiken.

2) Rm = uiteindelijke treksterkte, uitgedrukt in MPa.




**Omstandigheden:**

Frees, diameter 125 mm. Gecentreerd over het werkstuk. Freesbreedte van 100 mm.

| GC1130 | H10F | H13A | GC1025 | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | |
| 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 | 0.1-0.15-0.2 | | | | | |
| **Snijsnelheid $v_c$, m/min** | | | | | | | | |
| 990–910–850 | 940–870–810 | 750–700–650 | 990–910–850 | | | | | |
| 890–820–760 | 850–780–730 | 680–630–580 | 890–820–760 | | | | | |
| 990–910–850 | 940–870–810 | 750–700–650 | 990–910–850 | | | | | |
| 990–920–850 | 850–790–730 | 680–630–580 | 990–920–850 | | | | | |
| 990–920–850 | 950–880–810 | 760–700–650 | 990–920–850 | | | | | |
| 395–370–340 | 380–350–325 | 300–280–260 | 395–370–340 | | | | | |
| 300–275–255 | 285–265–245 | 225–210–195 | 300–275–255 | | | | | |
| 495–460–425 | 470–435–405 | 375–350–325 | 495–460–425 | | | | | |
| 495–460–425 | 470–435–405 | 375–350–325 | 495–460–425 | | | | | |
| 345–320–295 | 330–305–285 | 265–245–225 | 345–320–295 | | | | | |

| H10F | S30T | S40T | GC2030 | GC2040 | GC1010 | | | |
|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | |
| 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 | 0.05 – 0.15 – 0.2 | 0.1 – 0.15 – 0.25 | 0.1-0.15-0.2 | | | |
| **Snijsnelheid $v_c$, m/min** | | | | | | | | |
| 55 –50 –45 | – | – | 55 –50 –45 | 60 –55 –45 | – | | | |
| 40 –37 –35 | – | – | 40 –38 –34 | 45 –39 –32 | – | | | |
| 50 –50 –45 | – | – | 55 –50 –45 | 55 –50 –40 | – | | | |
| 32 –30 –27 | – | – | 34 –31 –28 | 35 –31 –26 | – | | | |
| 40 –37 –34 | – | – | 40 –37 –34 | 40 –38 –31 | – | | | |
| 22 –19 –17 | – | – | 23 –21 –18 | 23 –21 –17 | – | | | |
| 15 –14 –12 | – | – | 17 –15 –13 | 17 –15 –12 | – | | | |
| 14 –13 –12 | – | – | 15 –14 –12 | 15 –14 –11 | – | | | |
| 115 –105 –100 | 150 –135 –125 | 125 –115 –110 | 120 –105 –95 | 120 –110 –100 | 150-135-125 | | | |
| 45 –40 –38 | 65 –60 –55 | 45 –40 –39 | 50 –45 –39 | 45 –39 –36 | 65-60-55 | | | |
| 34 –31 –29 | 50 –50 –45 | 38 –36 –33 | 40 –37 –34 | 37 –33 –30 | 55-50-45 | | | |

| GC3040 | GC1010 | GC1130 | GC1025 | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | |
| 0.1 – 0.2 – 0.25 | 0.07 – 0.12 – 0.2 | 0.07-0.12-0.2 | 0.07-0.12-0.2 | | | | | |
| **Snijsnelheid $v_c$, m/min** | | | | | | | | |
| 45–33–29 | 110-95-80 | 40-36-29 | 40-36-29 | | | | | |
| 85–65–55 | 215-185-150 | 75-70-55 | 75-70-55 | | | | | |

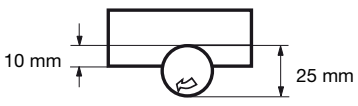
# Frezen met een kleine freesbreedte

| ISO P | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CT530 | GC1010 | GC3040 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.05 – 0.1 – 0.2 | 0.1-0.15-0.3 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Staal** | | | | | | |
| | | **Ongelegeerd** | | | | | | |
| P1.1.Z.AN | 01.1 | C = 0,1–0,25% | 1500 | 125 | 0.25 | 500 –490 –475 | - | 455-445-415 |
| P1.2.Z.AN | 01.2 | C = 0,25–0,55% | 1600 | 150 | 0.25 | 450 –440 –430 | - | 410-400-375 |
| P1.3.Z.AN | 01.3 | C = 0,55–0,80% | 1700 | 170 | 0.25 | 425 –415 –405 | - | 385-375-350 |
| P1.3.Z.AN | 01.4 | | 1800 | 210 | 0.25 | 370 –360 –355 | - | 335-330-305 |
| P1.3.Z.HT | 01.5 | | 2000 | 300 | 0.25 | 275 –265 –260 | - | 250-245-225 |
| | | **Laaggelegeerd (legeringselementen ≤5%)** | | | | | | |
| P2.1.Z.AN | 02.1 | Ongehard | 1700 | 175 | 0.25 | 350 –345 –335 | - | 320-310-290 |
| P2.5.Z.HT | 02.2 | Gehard en ontlaten | 1900 | 300 | 0.25 | 230 –225 –220 | - | 205-205-190 |
| | | **Hooggelegeerd (legeringselementen >5%)** | | | | | | |
| P3.0.Z.AN | 03.11 | Gegloeid | 1950 | 200 | 0.25 | 265 –260 –255 | 195 –190 –185 | 240-235-220 |
| P3.1.Z.AN | 03.13 | Gehard gereedschapsstaal | 2150 | 200 | 0.25 | 220 –215 –210 | 160 –160 –150 | 200-195-185 |
| P3.0.Z.HT | 03.21 | | 2900 | 300 | 0.25 | 190 –190 –185 | 140 –140 –135 | 175-170-160 |
| P3.0.Z.HT | 03.22 | | 3100 | 380 | 0.25 | 120 –120 –115 | 90 –85 –85 | 110-105-100 |
| | | **Gietstukken** | | | | | | |
| P1.5.C.UT | 06.1 | Ongelegeerd | 1400 | 150 | 0.25 | 355 –350 –340 | 265 –255 –245 | 325-315-295 |
| P2.6.C.UT | 06.2 | Laaggelegeerd (legeringselementen ≤5%) | 1600 | 200 | 0.25 | 285 –280 –275 | 210 –205 –195 | 260-255-235 |
| P3.0.C.UT | 06.3 | Hooggelegeerd (legeringselementen >5%) | 1950 | 200 | 0.25 | 210 –205 –200 | 155 –150 –145 | 190-185-175 |

| ISO M | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CT530 | GC1130 | GC1025 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.05 – 0.1 – 0.2 | 0.05-0.1-0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Roestvaststaal** | | | | | | |
| | | **Ferrietisch/martensietisch** | | | | | | |
| P5.0.Z.AN | 05.11 | Ongehard | 1800 | 200 | 0.21 | 340 –335 –325 | 275 –270 –255 | 275 –270 –255 |
| P5.0.Z.PH | 05.12 | PH-gehard | 2850 | 330 | 0.21 | 245 –240 –235 | 195 –190 –180 | 195 –190 –180 |
| P5.0.Z.HT | 05.13 | Gehard | 2350 | 330 | 0.21 | 255 –250 –240 | 200 –195 –190 | 200 –195 –190 |
| | | **Austenietisch** | | | | | | |
| M1.0.Z.AQ | 05.21 | Ongehard | 1950 | 200 | 0.21 | 320 –310 –300 | 270 –265 –255 | 270 –265 –255 |
| M1.0.Z.PH | 05.22 | PH-gehard | 2850 | 330 | 0.21 | 235 –230 –225 | 190 –185 –175 | 190 –185 –175 |
| M2.0.Z.AQ | 05.23 | Super-austenietisch | 2250 | 200 | | - | - | - |
| | | **Austenietisch-ferrietisch (Duplex)** | | | | | | |
| M3.1.Z.AQ | 05.51 | Niet lasbaar ≥ 0.05%C | 2000 | 230 | 0.21 | 310 –300 –295 | 225 –220 –210 | 225 –220 –210 |
| M3.2.Z.AQ | 05.52 | Lasbaar < 0,05%C | 2450 | 260 | 0.21 | 275 –270 –260 | 190 –185 –175 | 190 –185 –175 |
| | | **Roestvaststaal - Gegoten** | | | | | | |
| | | **Ferrietisch/martensietisch** | | | | | | |
| P5.0.C.UT | 15.11 | Ongehard | 1700 | 200 | 0.25 | 305 –295 –290 | 245 –240 –230 | 245 –240 –230 |
| P5.0C.PH | 15.12 | PH-gehard | 2450 | 330 | 0.25 | 215 –210 –205 | 170 –170 –160 | 170 –170 –160 |
| P5.0.C.HT | 15.13 | Gehard | 2150 | 330 | 0.25 | 235 –225 –220 | 185 –180 –175 | 185 –180 –175 |
| | | **Austenietisch** | | | | | | |
| M1.0.C.UT | 15.21 | Austenietisch | 1800 | 200 | 0.25 | 300 –295 –285 | 260 –250 –240 | 260 –250 –240 |
| M1.0C.PH | 15.22 | PH-gehard | 2450 | 330 | 0.25 | 215 –210 –205 | 170 –170 –160 | 170 –170 –160 |
| M2.0.C.AQ | 15.23 | Super-austenietisch | 2150 | 200 | | - | - | - |
| | | **Austenietisch-ferrietisch (Duplex)** | | | | | | |
| M3.1.C.AQ | 15.51 | Niet lasbaar ≥ 0.05%C | 1800 | 230 | 0.25 | 295 –285 –280 | 215 –205 –195 | 215 –205 –195 |
| M3.2.C.AQ | 15.52 | Lasbaar < 0,05%C | 2250 | 260 | 0.25 | 255 –250 –245 | 175 –170 –165 | 175 –170 –165 |

| ISO K | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CB50 | CC6190 | K20D |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.1 – 0.2 – 0.3 | 0.1-0.2-0.3 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Smeedbaar gietijzer** | | | | | | |
| | 07.1 | Ferrietisch (kortspanig) | 790 | 130 | 0.28 | - | 1500 –1450 –1400 | 305-290-280 |
| K1.1.C.NS | 07.2 | Perlietisch (langspanig) | 900 | 230 | 0.28 | - | 1250 –1200 –1150 | 250-240-230 |
| | | **Grijs gietijzer** | | | | | | |
| K2.1.C.UT | 08.1 | Lage treksterkte | 890 | 180 | 0.28 | 1150 –1100 –1100 | 1850 –1750 –1700 | 285-270-260 |
| K2.2.C.UT | 08.2 | Hoge treksterkte | 1100 | 245 | 0.28 | 1100 –1050 –1000 | 1400 –1350 –1300 | 225-215-210 |
| | | **Nodulair gietijzer** | | | | | | |
| K3.1.C.UT | 09.1 | Ferrietisch | 900 | 160 | 0.28 | - | 1200 –1150 –1100 | 210-205-200 |
| K3.3.C.UT | 09.2 | Perlietisch | 1350 | 250 | 0.28 | 630 –610 –590 | 980 –930 –890 | 195-195-185 |

1) 45-60° instelhoek. Positieve snijgeometrie en koelvloeistof gebruiken.




**Omstandigheden:**

Vingerfrezen. Freesdiameter van 25 mm. Freesbreedte 10 mm.

| GC1025 | GC1130 | GC4220 | GC4330 | GC4340 | GC2030 | GC2040 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.05-0.1-0.2 | 0.05-0.1-0.2 | 0.1-0.15-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.05 – 0.15 – 0.25 | 0.1 – 0.2 – 0.3 | | | | |
| **Snijsnelheid $v_{c}$, m/min** | | | | | | | | | | |
| 365-360-345 | 405-395-380 | 570 –560 –520 | 465 –445 –425 | 395-380-360 | 340 –335 – 320 | 340 –325 – 315 | | | | |
| 330-325-310 | 365-355-340 | 510 –500 –470 | 420 –400 –385 | 355-340-325 | 305 –300 –290 | 305 –295 –280 | | | | |
| 310-305-290 | 345-335-320 | 485 –475 –445 | 395 –380 –360 | 335-320-310 | 290 –280 –270 | 290 –275 –265 | | | | |
| 270-265-255 | 300-295-280 | 425 –415 –390 | 345 –330 –315 | 295-280-270 | 255 –250 –240 | 255 –245 –235 | | | | |
| 200-195-190 | 220-220-210 | 310 –305 –285 | 255 –245 –235 | 220-210-200 | 185 –185 –175 | 185 –180 –170 | | | | |
| 300-295-285 | 285-280-265 | 400 –390 –365 | 325 –315 –300 | 280-265-255 | 240 –235 –225 | 240 –230 –220 | | | | |
| 170-165-160 | 185-180-175 | 260 –255 –240 | 215 –205 –195 | 180-175-165 | 155 –155 –145 | 155 –150 –145 | | | | |
| 195-190-185 | 195-190-185 | 350 –340 –320 | 225 –215 –205 | 190-185-175 | 180 –175 –170 | 180 –175 –165 | | | | |
| 160-160-150 | 160-160-150 | 250 –245 –230 | 185 –180 –170 | 160-150-145 | 150 –145 –140 | 150 –140 –135 | | | | |
| 140-140-135 | 140-140-135 | 220 –215 –200 | 165 –155 –150 | 140-135-125 | 130 –125 –120 | 130 –125 –120 | | | | |
| 90-85-85 | 90-85-85 | 135 –135 –125 | 100 –95 –95 | 85-85-80 | 80 –80 –75 | 80 –75 –75 | | | | |
| 265-255-245 | 265-255-245 | 410 –400 –375 | 305 –290 –280 | 255-245-235 | 240 –235 –225 | 240 –230 –220 | | | | |
| 210-205-195 | 210-205-195 | 325 –320 –295 | 240 –230 –220 | 205-195-190 | 195 –190 –185 | 195 –185 –180 | | | | |
| 155-150-145 | 155-150-145 | 240 –235 –220 | 175 –170 –160 | 150-145-140 | 145 –140 –135 | 145 –135 –130 | | | | |

| GC1040 | S30T | S40T | GC2030 | GC2040 | GC4330 | GC4340 | M30B | GC1010 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.05-0.15-0.25 | 0.05-0.15-0.25 | 0.1-0.2-0.25 | 0.05-0.15-0.25 | 0.1-0.2-0.25 | 0.1-0.2-0.25 | 0.1-0.2-0.3 | 0.1-0.2-0.4 | 0.05-0.1-0.2 | | |
| **Snijsnelheid $v_{c}$, m/min** | | | | | | | | | | |
| 210 –195 –185 | 285 –265 –250 | 295 –280 –275 | 260 –250 –235 | 285 –270 –265 | 325 –310 –305 | 250 –240 –225 | 275-270-255 | 340-335-325 | | |
| 145 –140 –130 | 200 –185 –175 | 205 –195 –275 | 185 –175 –170 | 195 –185 –180 | 225 –215 –210 | 165 –160 –150 | 195-190-180 | 245-240-235 | | |
| 155 –145 –135 | 210 –195 –180 | 215 –205 –200 | 195 –185 –175 | 205 –195 –190 | 235 –225 –220 | 190 –180 –170 | 200-195-190 | 255-250-240 | | |
| 205 –190 –175 | 280 –260 –245 | 250 –235 –230 | 255 –245 –230 | 240 –225 –220 | - | 220 –210 –200 | - | 320-310-300 | | |
| 140 –135 –125 | 190 –180 –170 | 195 –185 –180 | 180 –170 –160 | 190 –180 –175 | - | 160 –150 –145 | - | 235-230-225 | | |
| 140 –130 –120 | 190 –180 –170 | 175 –165 –160 | - | - | - | - | - | 190-180-170 | | |
| 170 –160 –150 | 230 –215 –200 | 205 –195 –190 | 215 –205 –195 | 200 –190 –185 | - | 200 –190 –180 | - | 310-300-295 | | |
| 140 –130 –125 | 195 –180 –170 | 165 –160 –155 | 180 –170 –160 | 160 –155 –150 | - | 160 –155 –145 | - | 275-270-260 | | |
| 185 –175 –165 | 250 –235 –220 | 2 –250 –235 | 235 –225 –210 | 250 –240 –235 | 290 –275 –270 | 225 –210 –200 | 245-240-230 | 305-295-290 | | |
| 130 –120 –110 | 175 –165 –155 | 180 –170 –165 | 160 –155 –145 | 170 –165 –160 | 195 –185 –185 | 145 –140 –130 | 170-170-160 | 215-210-205 | | |
| 185 –175 –170 | 190 –180 –165 | 200 –190 –185 | 175 –165 –160 | 190 –180 –175 | 215 –205 –200 | 175 –165 –155 | 185-180-175 | 235-225-220 | | |
| 195 –180 –170 | 265 –250 –235 | 240 –225 –220 | 245 –230 –220 | 230 –215 –210 | - | 210 –200 –190 | - | 300-295-285 | | |
| 130 –120 –110 | 175 –165 –155 | 180 –170 –165 | 160 –155 –145 | 170 –165 –160 | - | 145 –140 –130 | - | 215-210-205 | | |
| 125 –120 –110 | 175 –160 –150 | 155 –145 –145 | - | - | - | - | - | - | | |
| 160 –150 –140 | 220 –205 –190 | 195 –185 –180 | 205 –195 –185 | 190 –180 –175 | - | 190 –180 –170 | - | 295-285-280 | | |
| 130 –125 –115 | 180 –170 –160 | 160 –150 –145 | 165 –160 –150 | 150 –145 –140 | - | 150 –140 –135 | - | 255-250-245 | | |

| GC3220 | GC3330 | GC3040 | K20W | GC4330 | GC4340 | GC1020 | H13A | GC1010 | K20M | K15W |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.1-0.15-0.25 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.15-0.25 | 0.1-0.15-0.25 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 |
| **Snijsnelheid $v_{c}$, m/min** | | | | | | | | | | |
| 310–305–290 | 305–290–280 | 280–270–255 | 260–250–240 | 250–245–235 | 225–220–210 | 240–230–220 | 135-130-125 | 250-245-235 | 295-290-275 | - |
| 255–250–240 | 250–240–230 | 230–220–210 | 215–205–195 | 205–200–190 | 185–185–175 | 195–190–180 | 110-110-105 | 205-200-190 | 245-240-225 | - |
| 340–330–315 | 330–315–300 | 305–290–280 | 285–270–260 | 270–265–255 | 250–240–230 | 260–250–240 | 145-140-140 | 270-265-255 | 320-315-300 | 285-270-260 |
| 270–265–255 | 265–255–240 | 245–235–225 | 225–215–210 | 215–210–205 | 200–195–185 | 205–200–190 | 120-115-110 | 215-210-205 | 260-250-240 | 225-215-210 |
| 210–205–200 | 330–315–300 | 190–185–175 | 180–170–165 | 170–165–160 | 155–150–145 | 160–155–150 | 95-90-85 | 170-165-160 | 200-195-190 | - |
| 195–195–185 | 265–255–240 | 175–170–160 | 165–160–150 | 155–155–145 | 145–140–135 | 150–145–140 | 85-85-80 | 155-155-145 | 185-185-175 | - |

# Frezen met een kleine freesbreedte

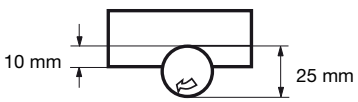
| ISO N | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CD10 | CT530 | H10 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.1 – 0.15 – 0.2 | 0.1 – 0.15 – 0.2 | 0.1-0.15-0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Aluminiumlegeringen** | | | | | | |
| N1.2.Z.UT | 30.11 | Gesmeed of gesmeed en koudgetrokken, niet-veredeld | 400 | 60 | | 2100 –2100 –2050 | 1150 –1150 –1100 | 1050-1050-1000 |
| N1.2.Z.AG | 30.12 | Gesmeed of gesmeed en veredeld | 650 | 100 | | 1900 –1850 –1850 | 1050 –1050 –1000 | 950-940-920 |
| | | **Aluminiumlegeringen** | | | | | | |
| N1.3.C.UT | 30.21 | Gegoten | 600 | 75 | 0.25 | 2100 –2100 –2050 | 1150 –1150 –1000 | 1050-1050-1000 |
| N1.3.C.AG | 30.22 | Gegoten of gegoten en veredeld | 700 | 90 | 0.25 | 1900 –1900 –1850 | 1050 –1050 –1100 | 950-940-920 |
| | | **Aluminiumlegeringen** | | | | | | |
| N1.1.Z.UT | 30.3 | Al >99% | 350 | 30 | | 2150 –2100 –2050 | 1150 –1150 –1150 | 1050-1050-1050 |
| | | **Aluminiumlegeringen** | | | | | | |
| | 30.41 | Gegoten, 13–15% Si | 700 | 130 | | 850 –840 –820 | 470 –460 –450 | 425-420-410 |
| N1.4.C.NS | 30.42 | Gegoten, 16–22% Si | 700 | 130 | | 640 –630 –620 | 350 –345 –340 | 320-315-310 |
| | | **Koper en koperlegeringen** | | | | | | |
| N3.3.U.UT | 33.1 | Automatenstaal legeringen, ≥1% Pb | 550 | 110 | 0.25 | 1050 –1050 –1050 | 580 –570 –560 | 530-520-510 |
| N3.2.C.UT | 33.2 | Messing, loodhoudend brons, ≤1% Pb | 550 | 90 | | 1050 –1050 –1000 | 580 –570 –560 | 530-520-510 |
| N3.1.U.UT | 33.3 | Brons en ongelood koper, incl. elektrolytisch koper | 1350 | 100 | 0.25 | 740 –730 –720 | 410 –400 –395 | 370-365-360 |

| ISO S | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | GC1025 | GC1130 | GC1010 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.05 – 0.15 – 0.2 | 0.05-0.15-0.2 | 0.1-0.15-0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Hittebestendige superlegeringen** | | | | | | |
| | | **Op ijzerbasis** | | | | | | |
| S1.0.U.AN | 20.11 | Gegloeid of ontlatend behandeld | 2400 | 200 | 0.25 | 70 –70 –70 | 70-70-70 | - |
| S1.0.U.AG | 20.12 | Veredeld of met opp. behandeld en veredeld | 2500 | 280 | 0.25 | 55 –50 –50 | 55-50-50 | - |
| | | **Op nikkelbasis** | | | | | | |
| S2.0.Z.AN | 20.21 | Gegloeid of ontlatend behandeld | 2650 | 250 | 0.25 | 70 –65 –65 | 70-65-65 | - |
| S2.0.Z.AG | 20.22 | Veredeld of met opp. behandeld en veredeld | 2900 | 350 | 0.25 | 45 –40 –40 | 45-40-40 | - |
| S2.0.C.NS | 20.24 | Gegoten of gegoten en veredeld | 3000 | 320 | 0.25 | 55 –50 –50 | 55-50-50 | - |
| | | **Op cobaltbasis** | | | | | | |
| S3.0.Z.AN | 20.31 | Gegloeid of ontlatend behandeld | 2700 | 200 | 0.25 | 30 –29 –28 | 30-29-28 | - |
| S3.0.Z.AG | 20.32 | Oplossend behandeld en veredeld | 3000 | 300 | 0.25 | 21 –20 –20 | 21-20-20 | - |
| S3.0.C.NS | 20.33 | Gegoten of gegoten en veredeld | 3100 | 320 | 0.25 | 20 –19 –18 | 20-19-18 | - |
| | | **Titaniumlegeringen1)** | | Rm[1] | | | | |
| S4.1.Z.UT | 23.1 | Commercieel zuiver (99,5% Ti) α-, bijna α- en α+β-legeringen, gegloeide α+β-legeringen | 1300 | 400 | 0.23 | 150 –145 –140 | 150-145-140 | 170-165-160 |
| S4.2.Z.AN | 23.21 | in veredelde omstandigheden, β-legeringen, gegloeid of veredeld | 1400 | 950 | 0.23 | 65 –65 –65 | 65 –65 –65 | 75-75-70 |
| S4.3.Z.AG | 23.22 | | 1400 | 1050 | 0.23 | 55 –50 –50 | 55 –50 –50 | 65-60-66 |

| ISO H | | | Specifieke snijkracht $k_{c1}$ | Hardheid Brinell | | CB50 | CT530 | GC1025 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Max. spaandikte, $h_{ex}$ mm | | |
| | | | | | | 0.07 – 0.12 – 0.2 | 0.07 – 0.1 – 0.2 | 0.07 – 0.12 – 0.2 |
| MC Nr. | CMC nr. | Materiaal | N/mm² | HB | mc | Snijsnelheid $v_c$, m/min | | |
| | | **Extra hard staal** | | | | | | |
| H1.3.Z.HA | 04.1 | Gehard en ontlaten | 4200 | 59 HRC | 0.25 | 190 –180 –175 | 95 –90 –85 | 45 -45 -45 |
| | | **Coquille gietijzer** | | | | | | |
| H2.0.C.UT | 10.1 | Gegoten of gegoten en veredeld | 2250 | 400 | 0.28 | 355 –345 –330 | 180 –175 –165 | 90 -85 -85 |

1) 45-60° instelhoek. Positieve snijgeometrie en koelvloeistof gebruiken.

2) Rm = uiteindelijke treksterkte, uitgedrukt in MPa.




**Omstandigheden:**
Vingerfrezen. Freesdiameter van 25 mm. Freesbreedte 10 mm.

| GC1025 | GC1130 | H10F | H13A | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.1-0.15-0.2 | 0.1-0.15-0.2 | 0.1-0.15-0.2 | 0.1-0.15-0.2 | | | | | | | |
| **Snijsnelheid $v_c$, m/min** | | | | | | | | | | |
| 1100 –1100 –1050 | 1100 –1100 –1050 | 1050 –1050 –1000 | 850 –830 –820 | | | | | | | |
| 1000 –980 –970 | 1000 –980 –970 | 950 –940 –920 | 760 –750 –740 | | | | | | | |
| 1100 –1100 –1050 | 1100 –1100 –1050 | 1050 –1050 –1000 | 850 –830 –820 | | | | | | | |
| 110 –1100 –1100 | 1100 –1100 –1100 | 950 –940 –920 | 760 –750 –740 | | | | | | | |
| 1100 –1100 –1100 | 1100 –1100 –1100 | 1050 –1050 –1050 | 850 –840 –825 | | | | | | | |
| 445 –440 –430 | 445 –440 –430 | 425 –420 –410 | 340 –335 –330 | | | | | | | |
| 335 –330 –325 | 335 –330 –325 | 320 –315 –310 | 255 –250 –245 | | | | | | | |
| 560 –550 –540 | 560 –550 –540 | 530 –520 –510 | 425 –415 –410 | | | | | | | |
| 560 –550 –540 | 560 –550 –540 | 530 –520 –510 | 425 –415 –410 | | | | | | | |
| 390 –380 –375 | 390 –380 –375 | 370 –365 –360 | 295 –290 –285 | | | | | | | |

| H13A | H10F | S30T | S40T | GC2030 | GC2040 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.1-0.15-0.2 | 0.1-0.2-0.3 | 0.1-0.15-0.2 | 0.1-0.15-0.2 | 0.05-0.15-0.2 | 0.05-0.15-0.25 | | | | | |
| **Snijsnelheid $v_c$, m/min** | | | | | | | | | | |
| 65-65-65 | 60 –60 –60 | – | – | 65 –65 –65 | 70 –65 –65 | | | | | |
| 50-50-50 | 45 –45 –40 | – | – | 50 –50 –45 | 50 –50 –45 | | | | | |
| 65-65-60 | 60 –55 –55 | – | – | 65 –60 –60 | 65 –65 –60 | | | | | |
| 40-39-38 | 36 –35 –33 | – | – | 40 –38 –38 | 40 –39 –38 | | | | | |
| 50-50-50 | 45 –45 –40 | – | – | 50 –45 –45 | 50 –50 –45 | | | | | |
| 28-27-26 | 26 –24 –23 | – | – | 28 –27 –26 | 28 –27 –26 | | | | | |
| 20-19-19 | 18 –17 –16 | – | – | 20 –19 –19 | 20 –19 –19 | | | | | |
| 19-19-18 | 17 –16 –16 | – | – | 19 –18 –17 | 19 –18 –17 | | | | | |
| 140-140-135 | 130 –125 –120 | 170 –165 –160 | 145 –145 –140 | 140 –135 –130 | 145 –140 –135 | | | | | |
| 55-55-55 | 50 –50 –45 | 75 -75 -70 | 55-50-50 | 55-55-55 | 50 –50 –50 | | | | | |
| 45-40-40 | 38 –37 –36 | 65 –60 –66 | 45-45-45 | 50 –45 –45 | 45 –40 –40 | | | | | |

| GC4220 | GC3040 | GC1010 | GC1130 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Max. spaandikte, $h_{ex}$ mm** | | | | | | | | | | |
| 0.1-0.12-0.25 | 0.1-0.2-0.25 | 0.07-0.12-0.2 | 0.07-0.12-0.2 | | | | | | | |
| **Snijsnelheid $v_c$, m/min** | | | | | | | | | | |
| 65–65–60 | 55-50-50 | 130-125-120 | 45-45-45 | | | | | | | |
| 125–125–115 | 100-95-95 | 250-240-230 | 90-85-85 | | | | | | | |

# Vlakfreesgereedschappen

## CoroMill® 345

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 345L-1305M-PM | 0.3 | (0.16-0.4) | 0.21 | (0.11-0.28) |
| 345R-1305E-KL | 0.11 | (0.07-0.2) | 0.08 | (0.05-0.14) |
| 345R-1305E-KM | 0.3 | (0.16-0.4) | 0.21 | (0.11-0.28) |
| 345R-1305E-PL | 0.11 | (0.07-0.2) | 0.08 | (0.05-0.14) |
| 345R-1305M-KH | 0.35 | (0.3-0.49) | 0.25 | (0.21-0.35) |
| 345R-1305M-KL | 0.16 | (0.07-0.23) | 0.11 | (0.05-0.16) |
| 345R-1305M-KM | 0.3 | (0.16-0.4) | 0.21 | (0.11-0.28) |
| 345R-1305M-PH | 0.45 | (0.35-0.55) | 0.32 | (0.25-0.39) |
| 345R-1305M-PL | 0.17 | (0.07-0.21) | 0.12 | (0.05-0.15) |
| 345R-1305M-PM | 0.3 | (0.16-0.4) | 0.21 | (0.11-0.28) |
| 345R-13T5E-ML | 0.11 | (0.07-0.2) | 0.08 | (0.05-0.14) |
| 345R-13T5E-MM | 0.11 | (0.07-0.2) | 0.08 | (0.05-0.14) |
| 345R-13T5M-MM | 0.25 | (0.16-0.34) | 0.18 | (0.11-0.24) |

## CoroMill® 245

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| R245-12T3E | 0.24 | (0.1-0.28) | 0.1 | (0.06-0.15) |
| R245-12T3E-AL | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| R245-12T3E-KL | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| R245-12T3E-ML | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| R245-12T3E-PL | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| R245-12T3K-MM | 0.23 | (0.1-0.28) | 0.16 | (0.07-0.2) |
| R245-12T3M-KH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| R245-12T3M-KL | 0.17 | (0.08-0.21) | 0.12 | (0.06-0.15) |
| R245-12T3M-KM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| R245-12T3M-PH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| R245-12T3M-PL | 0.17 | (0.08-0.21) | 0.12 | (0.06-0.15) |
| R245-12T3M-PM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| R245-18T6M-KM | 0.28 | (0.16-0.49) | 0.2 | (0.11-0.35) |
| R245-18T6M-MM | 0.28 | (0.16-0.49) | 0.2 | (0.11-0.35) |
| R245-18T6M-PM | 0.28 | (0.16-0.49) | 0.2 | (0.11-0.35) |

## CoroMill® 419

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 419N-140530E-SM | 0.61 | (0.4-1.2) | 0.2 | (0.13-0.39) |
| 419N-140530M-KH | 0.98 | (0.49-2) | 0.32 | (0.16-0.65) |
| 419R-1405E-MM | 0.71 | (0.34-1.2) | 0.23 | (0.11-0.39) |
| 419R-1405M-PH | 0.98 | (0.46-2) | 0.32 | (0.15-0.65) |
| 419R-1405M-PM | 0.8 | (0.4-1.78) | 0.26 | (0.13-0.58) |

## CoroMill® 210

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| R210-090412M-KM | 0.98 | (0.4-1.5) | 0.17 | (0.07-0.26) |
| R210-090412M-MM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |
| R210-090412M-PM | 0.98 | (0.4-1.5) | 0.17 | (0.07-0.26) |
| R210-090414E-KM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |
| R210-090414E-MM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |
| R210-090414E-PM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |
| R210-140512M-KM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |
| R210-140512M-MM | 2.02 | (0.4-2.99) | 0.35 | (0.07-0.52) |
| R210-140512M-PM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |
| R210-140514E-KM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |
| R210-140514E-MM | 2.02 | (0.4-2.99) | 0.35 | (0.07-0.52) |
| R210-140514E-PM | 1.5 | (0.4-2.02) | 0.26 | (0.07-0.35) |

# Vlakfreesgereedschappen

## CoroMill® 415

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 415N-050206M-M30 | 0.39 | (0.3-0.5) | 0.1 | (0.08-0.13) |
| 415N-070310M-M30 | 0.46 | (0.35-0.55) | 0.12 | (0.09-0.14) |
| 415N-070320E-M30 | 0.46 | (0.35-0.55) | 0.12 | (0.09-0.14) |
| 415N-070320M-M30 | 0.46 | (0.35-0.55) | 0.12 | (0.09-0.14) |
| 415N-050212E-M30 | 0.39 | (0.35-0.55) | 0.1 | (0.08-0.13) |
| 415N-050212M-M30 | 0.39 | (0.35-0.55) | 0.1 | (0.08-0.13) |

## CoroMill® 425

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 425N-1707E-KLW12 | 0.19 | (0.02-0.28) | 0.08 | (0.01-0.12) |

## CoroMill® 745

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 745L-2109E-M50 | 0.25 | (0.18-0.42) | 0.17 | (0.12-0.28) |
| * | 0.61 | (0.44-1.02) | 0.17 | (0.12-0.28) |
| 745R-2109E-H50 | 0.3 | (0.21-0.45) | 0.2 | (0.11-0.3) |
| * | 0.73 | (0.51-1.09) | 0.2 | (0.14-0.30) |
| 745R-2109E-M30 | 0.21 | (0.15-0.3) | 0.14 | (0.4-0.2) |
| * | 0.51 | (0.36-0.73) | 0.14 | (0.10-0.20) |
| 745R-2109E-M31 | 0.21 | (0.15-0.3) | 0.14 | (0.1-0.2) |
| 745R-2109E-M50 | 0.25 | (0.18-0.42) | 0.17 | (0.12-0.28) |
| * | 0.61 | (0.44-0.90) | 0.17 | (0.12-0.28) |

* Frees voor hoge voedingen

# Hoekfreesgereedschappen

## CoroMill® 490

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 490L-140408M-PM | 0.17 | (0.12-0.25) | 0.17 | (0.12-0.25) |
| 490R-08T304E-ML | 0.13 | (0.08-0.18) | 0.13 | (0.08-0.18) |
| 490R-08T304M-KL | 0.12 | (0.05-0.15) | 0.12 | (0.05-0.15) |
| 490R-08T304M-PL | 0.08 | (0.05-0.12) | 0.08 | (0.05-0.12) |
| 490R-08T308E-ML | 0.14 | (0.08-0.18) | 0.14 | (0.08-0.18) |
| 490R-08T308E-MM | 0.17 | (0.12-0.22) | 0.17 | (0.12-0.22) |
| 490R-08T308M-KH | 0.24 | (0.15-0.3) | 0.24 | (0.15-0.3) |
| 490R-08T308M-KL | 0.12 | (0.05-0.15) | 0.12 | (0.05-0.15) |
| 490R-08T308M-KM | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| 490R-08T308M-MM | 0.16 | (0.1-0.2) | 0.16 | (0.1-0.2) |
| 490R-08T308M-PH | 0.2 | (0.15-0.25) | 0.2 | (0.15-0.25) |
| 490R-08T308M-PL | 0.1 | (0.05-0.15) | 0.1 | (0.05-0.15) |
| 490R-08T308M-PM | 0.15 | (0.1-0.2) | 0.15 | (0.1-0.2) |
| 490R-08T312E-MM | 0.17 | (0.12-0.22) | 0.17 | (0.12-0.22) |
| 490R-08T312M-KM | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| 490R-08T312M-PM | 0.14 | (0.08-0.18) | 0.14 | (0.08-0.18) |
| 490R-08T316E-MM | 0.17 | (0.12-0.22) | 0.17 | (0.12-0.22) |
| 490R-08T316M-KH | 0.24 | (0.15-0.3) | 0.24 | (0.15-0.3) |
| 490R-08T316M-KM | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| 490R-08T316M-PH | 0.21 | (0.15-0.25) | 0.21 | (0.15-0.25) |
| 490R-08T316M-PM | 0.14 | (0.08-0.18) | 0.14 | (0.08-0.18) |
| 490R-140408E | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| 490R-140408E-ML | 0.14 | (0.08-0.18) | 0.14 | (0.08-0.18) |
| 490R-140408E-MM | 0.17 | (0.12-0.22) | 0.17 | (0.12-0.22) |
| 490R-140408M-MM | 0.16 | (0.12-0.2) | 0.16 | (0.12-0.2) |
| 490R-140408M-PH | 0.28 | (0.2-0.35) | 0.28 | (0.2-0.35) |
| 490R-140408M-PL | 0.1 | (0.05-0.15) | 0.1 | (0.05-0.15) |
| 490R-140408M-PM | 0.17 | (0.12-0.25) | 0.17 | (0.12-0.25) |
| 490R-140412E-MM | 0.17 | (0.12-0.22) | 0.17 | (0.12-0.22) |
| 490R-140412M-PM | 0.17 | (0.12-0.25) | 0.17 | (0.12-0.25) |
| 490R-140416E-MM | 0.17 | (0.12-0.22) | 0.17 | (0.12-0.22) |
| 490R-140416M-PM | 0.17 | (0.12-0.25) | 0.17 | (0.12-0.25) |
| 490R-140420E | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| 490R-140420E-MM | 0.16 | (0.12-0.2) | 0.17 | (0.12-0.22) |
| 490R-140420M-MM | 0.16 | (0.12-0.2) | 0.16 | (0.12-0.2) |
| 490R-140420M-PH | 0.28 | (0.2-0.35) | 0.28 | (0.2-0.35) |
| 490R-140420M-PM | 0.17 | (0.12-0.25) | 0.17 | (0.12-0.25) |

# Hoekfreesgereedschappen

## CoroMill® 390

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 390R-070202E-ML | 0.05 | (0.02-0.07) | 0.05 | (0.02-0.07) |
| 390R-070202E-NL | 0.1 | (0.02-0.2) | 0.1 | (0.02-0.2) |
| 390R-070202E-PL | 0.05 | (0.02-0.07) | 0.05 | (0.02-0.07) |
| 390R-070202M-MM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070202M-PM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070204E-KL | 0.07 | (0.03-0.1) | 0.05 | (0.02-0.07) |
| 390R-070204E-ML | 0.05 | (0.02-0.07) | 0.05 | (0.02-0.07) |
| 390R-070204E-MM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070204E-NL | 0.05 | (0.02-0.07) | 0.1 | (0.02-0.2) |
| 390R-070204E-PL | 0.05 | (0.02-0.07) | 0.05 | (0.02-0.07) |
| 390R-070204M-KM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070204M-MM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070204M-PM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070208E-KL | 0.07 | (0.03-0.1) | 0.05 | (0.02-0.07) |
| 390R-070208E-ML | 0.05 | (0.02-0.07) | 0.05 | (0.02-0.07) |
| 390R-070208E-MM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070208E-NL | 0.05 | (0.02-0.07) | 0.1 | (0.02-0.2) |
| 390R-070208E-PL | 0.05 | (0.02-0.07) | 0.05 | (0.02-0.07) |
| 390R-070208M-KM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070208M-MM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070208M-PM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070212E-ML | 0.07 | (0.03-0.1) | 0.05 | (0.02-0.07) |
| 390R-070212E-PL | 0.05 | (0.02-0.07) | 0.05 | (0.02-0.07) |
| 390R-070212M-MM | 0.1 | (0.02-0.2) | 0.07 | (0.03-0.1) |
| 390R-070212M-PM | 0.07 | (0.03-0.1) | 0.07 | (0.03-0.1) |
| 390R-070216E-ML | 0.07 | (0.03-0.1) | 0.05 | (0.02-0.07) |
| 390R-070216E-PL | 0.07 | (0.03-0.1) | 0.05 | (0.02-0.07) |
| 390R-070216M-KM | 0.05 | (0.02-0.07) | 0.07 | (0.03-0.1) |
| 390R-070216M-MM | 0.1 | (0.02-0.2) | 0.07 | (0.03-0.1) |
| 390R-070216M-PM | 0.12 | (0.08-0.2) | 0.07 | (0.03-0.1) |
| R390-11T302E-KM | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.18) |
| R390-11T302E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T302E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T304E-PL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-11T304M-KM | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| R390-11T304M-PM | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| R390-11T308E-KL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-11T308E-ML | 0.08 | (0.04-0.15) | 0.08 | (0.04-0.15) |
| R390-11T308E-NL | 0.18 | (0.06-0.35) | 0.15 | (0.05-0.25) |
| R390-11T308E-PL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-11T308E-PLW | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T308M-KL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-11T308M-KM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T308M-MM | 0.13 | (0.08-0.2) | 0.13 | (0.08-0.2) |
| R390-11T308M-PL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-11T308M-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T310M-KH | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T310M-MH | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T310M-PH | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T312E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-11T312E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T312E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T316E-KM | 0.15 | (0.1-0.25) | 0.1 | (0.08-0.18) |
| R390-11T316E-ML | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T316E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T316E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T316M-KM | 0.12 | (0.08-0.2) | 0.15 | (0.1-0.25) |
| R390-11T316M-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T320E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-11T320E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T320E-NL | 0.18 | (0.06-0.4) | 0.18 | (0.06-0.35) |
| R390-11T320E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T324E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-11T324E-ML | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T324E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T324E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T331E-KM | 0.15 | (0.1-0.25) | 0.1 | (0.08-0.18) |
| R390-11T331E-ML | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T331E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T331E-NL | 0.18 | (0.06-0.4) | 0.18 | (0.06-0.4) |
| R390-11T331E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T331M-KM | 0.12 | (0.08-0.2) | 0.15 | (0.1-0.25) |

# Hoekfreesgereedschappen

## CoroMill® 390

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| R390-11T331M-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-11T304E-P4-NL | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| R390-170404E-KM | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.18) |
| R390-170404E-MM | 0.15 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170404E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170404M-KM | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| R390-170404M-PM | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| R390-170408E-KL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-170408E-ML | 0.08 | (0.04-0.15) | 0.08 | (0.04-0.15) |
| R390-170408E-NL | 0.17 | (0.1-0.2) | 0.15 | (0.08-0.25) |
| R390-170408E-PL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-170408M-KH | 0.2 | (0.15-0.35) | 0.2 | (0.15-0.35) |
| R390-170408M-KL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-170408M-KM | 0.15 | (0.1-0.25) | 0.15 | (0.1-0.25) |
| R390-170408M-MM | 0.15 | (0.08-0.2) | 0.15 | (0.08-0.2) |
| R390-170408M-PH | 0.2 | (0.15-0.35) | 0.2 | (0.15-0.35) |
| R390-170408M-PL | 0.08 | (0.05-0.15) | 0.08 | (0.05-0.15) |
| R390-170408M-PM | 0.15 | (0.1-0.25) | 0.15 | (0.1-0.25) |
| R390-170412E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-170412E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170412E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170416E-KM | 0.15 | (0.1-0.25) | 0.1 | (0.08-0.18) |
| R390-170416E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170416E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170416M-KM | 0.12 | (0.08-0.2) | 0.15 | (0.1-0.25) |
| R390-170416M-PH | 0.2 | (0.15-0.35) | 0.2 | (0.15-0.35) |
| R390-170416M-PM | 0.15 | (0.1-0.25) | 0.15 | (0.1-0.25) |
| R390-170420E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-170420E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170420E-NL | 0.2 | (0.12-0.32) | 0.2 | (0.1-0.3) |
| R390-170420E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170424E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-170424E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170424E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170431E-KM | 0.15 | (0.1-0.25) | 0.1 | (0.08-0.18) |
| R390-170431E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170431E-NL | 0.2 | (0.12-0.32) | 0.2 | (0.12-0.32) |
| R390-170431E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170431M-KM | 0.12 | (0.08-0.2) | 0.15 | (0.1-0.25) |
| R390-170431M-PM | 0.15 | (0.1-0.25) | 0.15 | (0.1-0.25) |
| R390-170440E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-170440E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170440E-NL | 0.2 | (0.12-0.4) | 0.2 | (0.12-0.32) |
| R390-170440E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170448E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-170448E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170448E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170450E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-170450E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170450E-NL | 0.2 | (0.12-0.4) | 0.2 | (0.12-0.4) |
| R390-170450E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170460E-KM | 0.1 | (0.08-0.18) | 0.1 | (0.08-0.18) |
| R390-170460E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170460E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170464E-KM | 0.08 | (0.04-0.15) | 0.1 | (0.08-0.18) |
| R390-170464E-MM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170464E-PM | 0.12 | (0.08-0.2) | 0.12 | (0.08-0.2) |
| R390-170408E-P6-NL | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| R390-180608H-KL | 0.11 | (0.05-0.22) | 0.11 | (0.05-0.22) |
| R390-180608H-ML | 0.11 | (0.05-0.22) | 0.11 | (0.05-0.22) |
| R390-180608H-PL | 0.11 | (0.05-0.22) | 0.11 | (0.05-0.22) |
| R390-180608M-KM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180608M-MM | 0.18 | (0.1-0.3) | 0.18 | (0.1-0.3) |
| R390-180608M-PM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180612H-KL | 0.11 | (0.05-0.22) | 0.11 | (0.05-0.22) |
| R390-180612H-ML | 0.11 | (0.05-0.22) | 0.11 | (0.05-0.22) |
| R390-180612H-PL | 0.11 | (0.05-0.22) | 0.11 | (0.05-0.22) |
| R390-180612M-KM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180612M-KMR | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180612M-MM | 0.18 | (0.1-0.3) | 0.18 | (0.1-0.3) |
| R390-180612M-MMR | 0.18 | (0.1-0.3) | 0.18 | (0.1-0.3) |
| R390-180612M-PM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |

# Hoekfreesgereedschappen

## CoroMill® 390

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| R390-180612M-PMR | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180616H-ML | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180616H-PL | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180616M-KM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180616M-MM | 0.18 | (0.1-0.3) | 0.18 | (0.1-0.3) |
| R390-180616M-PM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180620H-ML | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180620H-PL | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180620M-KM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180620M-MM | 0.18 | (0.1-0.3) | 0.18 | (0.1-0.3) |
| R390-180620M-PM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180624H-ML | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180624H-PL | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180631H-KL | 0.11 | (0.05-0.22) | 0.11 | (0.05-0.22) |
| R390-180631H-ML | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180631H-PL | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180631M-KM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180631M-MM | 0.18 | (0.1-0.3) | 0.18 | (0.1-0.3) |
| R390-180631M-PM | 0.2 | (0.08-0.3) | 0.2 | (0.08-0.3) |
| R390-180640H-ML | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180640H-PL | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180650H-ML | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180650H-PL | 0.12 | (0.05-0.22) | 0.12 | (0.05-0.22) |
| R390-180660H-ML | 0.14 | (0.05-0.22) | 0.14 | (0.05-0.22) |
| R390-180660H-PL | 0.14 | (0.05-0.22) | 0.14 | (0.05-0.22) |
| R390-180664H-ML | 0.14 | (0.05-0.22) | 0.14 | (0.05-0.22) |
| R390-180664H-PL | 0.14 | (0.05-0.22) | 0.14 | (0.05-0.22) |

## CoroMill® 690

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 690-100508M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-100510M-P-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-100512M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-100516M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-100520M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-100531M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140608M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140610M-P-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140612M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140616M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140620M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140624M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140631M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140650M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140660M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |
| 690-140664M-E-SL | 0.1 | (0.05-0.2) | 0.1 | (0.05-0.2) |

## CoroMill® Century

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| R590-110504H-NL | 0.15 | (0.05-0.3) | 0.2 | (0.1-0.4) |
| R590-110508H-KL | 0.12 | (0.07-0.2) | 0.08 | (0.05-0.15) |
| R590-110508H-PL | 0.12 | (0.01-0.15) | 0.08 | (0.05-0.15) |
| R590-110508H-PR2-KM | 0.2 | (0.1-0.4) | 0.2 | (0.1-0.3) |
| R590-1105H-PC2-NL | 0.15 | (0.05-0.3) | 0.15 | (0.05-0.3) |
| R590-1105H-PC5-NL | 0.15 | (0.05-0.3) | 0.15 | (0.05-0.3) |
| R590-1105H-PR2-NL | 0.15 | (0.05-0.3) | 0.15 | (0.05-0.3) |
| R590-1105H-PR5-NL | 0.15 | (0.05-0.3) | 0.15 | (0.05-0.3) |
| R590-1105H-PS2-NL | 0.15 | (0.05-0.3) | 0.15 | (0.05-0.3) |
| R590-1105H-PS5-NL | 0.15 | (0.05-0.3) | 0.15 | (0.05-0.3) |
| L590-1105H-ZC2-KL | 0.08 | (0.05-0.15) | 0.2 | (0.1-0.3) |
| R590-1105H-ZC2-KL | 0.2 | (0.1-0.3) | 0.2 | (0.1-0.3) |

# Schijffreesgereedschappen

## CoroMill® 331

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| L331.1A-115030E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| L331.1A-115040E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| L331.1A-115048E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| L331.1A-115063E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| L331.1A-115015E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| L331.1A-115023E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| L331.1A-115030E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| L331.1A-043515H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-043523H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-054515H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-054523H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-054530H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-084515H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-084523H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-084530H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-115015H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-115023H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-115030H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-115048H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-115063H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-145015H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-145023H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-145030H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-145048H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| L331.1A-145063H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-115030E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| R331.1A-115040E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| R331.1A-115048E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| R331.1A-115063E-L50 | 0.10 | (0.02-0.12) | 0.08 | (0.02-0.10) |
| R331.1A-115015E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| R331.1A-115023E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| R331.1A-115030E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| R331.1A-043515H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-043523H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-054515H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-054523H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-054530H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-084515H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-084523H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-084530H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-115015H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-115023H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-115030H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-115048H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-115063H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-145015H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-145023H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-145030H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-145048H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| R331.1A-145063H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-043505E-L30 | 0.06 | (0.01-0.08) | 0.05 | (0.01-0.07) |
| N331.1A-043505E-L50 | 0.10 | (0.02-0.18) | 0.08 | (0.02-0.15) |
| N331.1A-043505E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| N331.1A-054508E-L30 | 0.06 | (0.01-0.08) | 0.05 | (0.01-0.07) |
| N331.1A-054508E-L50 | 0.10 | (0.02-0.18) | 0.08 | (0.02-0.15) |
| N331.1A-054508E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| N331.1A-084508E-L30 | 0.06 | (0.01-0.08) | 0.05 | (0.01-0.07) |
| N331.1A-084508E-L50 | 0.10 | (0.02-0.18) | 0.08 | (0.02-0.15) |
| N331.1A-084508E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| N331.1A-115008E-L30 | 0.06 | (0.01-0.08) | 0.05 | (0.01-0.07) |
| N331.1A-115008E-L50 | 0.10 | (0.02-0.18) | 0.08 | (0.02-0.15) |
| N331.1A-115008E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| N331.1A-145008E-L30 | 0.06 | (0.01-0.08) | 0.05 | (0.01-0.07) |
| N331.1A-145008E-L50 | 0.10 | (0.02-0.18) | 0.08 | (0.02-0.15) |
| N331.1A-145008E-M30 | 0.14 | (0.05-0.20) | 0.12 | (0.04-0.17) |
| N331.1A-043505H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-054508H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-084508H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-115008H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-145008H-WL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-084508H-WM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-115008H-WM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-145008H-WM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |

DC/AR verhouding = 12% (zelfde voor alle 90-graadconcepten)

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| N331.1A-043505H-ML | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-054508H-ML | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-084508H-ML | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-115008H-ML | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-145008H-ML | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-043505H-MM | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-054508H-MM | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-084508H-MM | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-115008H-MM | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-145008H-MM | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-043505H-NL | 0.12 | (0.01-0.18) | 0.1 | (0.01-0.15) |
| N331.1A-054508H-NL | 0.12 | (0.01-0.18) | 0.1 | (0.01-0.15) |
| N331.1A-084508H-NL | 0.12 | (0.01-0.18) | 0.1 | (0.01-0.15) |
| N331.1A-115008H-NL | 0.12 | (0.01-0.18) | 0.1 | (0.01-0.15) |
| N331.1A-145008H-NL | 0.12 | (0.01-0.18) | 0.1 | (0.01-0.15) |
| N331.1A-043505H-PL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-054508H-PL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-084508H-PL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-115008H-PL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-145008H-PL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-054508H-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-084508H-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-115008H-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-145008H-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-043505M-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-054508M-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-084508M-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-115008M-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-145008M-PM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-043505E-KL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-054508E-KL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-084508E-KL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-115008E-KL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-145008E-KL | 0.12 | (0.08-0.18) | 0.1 | (0.03-0.15) |
| N331.1A-054508E-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-084508E-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-115008E-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-145008E-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-043505M-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-054508M-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-084508M-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-115008M-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1A-145008M-KM | 0.15 | (0.06-0.3) | 0.13 | (0.05-0.25) |
| N331.1D-136508E-PM | 0.20 | (0.08-0.24) | 0.17 | (0.07-0.2) |
| N331.1D-136508M-PM | 0.20 | (0.08-0.24) | 0.17 | (0.07-0.2) |
| N331.1D-136512M-PM | 0.20 | (0.08-0.24) | 0.17 | (0.07-0.2) |
| N331.1D-136520E-PM | 0.20 | (0.08-0.24) | 0.17 | (0.07-0.2) |
| N331.1D-136520M-PM | 0.20 | (0.08-0.24) | 0.17 | (0.07-0.2) |

# Profielfrezen

## CoroMill® 300

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| R300-0517E-PM | 0.08 | (0.05-0.12) | 0.08 | (0.05-0.12) |
| R300-0720E-MM | 0.1 | (0.05-0.15) | 0.1 | (0.05-0.15) |
| R300-0720E-PM | 0.1 | (0.05-0.15) | 0.1 | (0.05-0.15) |
| R300-0724E-MM | 0.1 | (0.05-0.15) | 0.1 | (0.05-0.15) |
| R300-0724E-PM | 0.1 | (0.05-0.15) | 0.1 | (0.05-0.15) |
| R300-0828E-KL | 0.13 | (0.05-0.2) | 0.11 | (0.05-0.15) |
| R300-0828E-KM | 0.15 | (0.07-0.25) | 0.13 | (0.05-0.2) |
| R300-0828E-MM | 0.13 | (0.07-0.2) | 0.13 | (0.05-0.2) |
| R300-0828E-PL | 0.11 | (0.05-0.15) | 0.11 | (0.05-0.15) |
| R300-0828E-PM | 0.13 | (0.05-0.2) | 0.13 | (0.05-0.2) |
| R300-0828M-KH | 0.15 | (0.07-0.25) | 0.15 | (0.07-0.25) |
| R300-0828M-MH | 0.13 | (0.05-0.2) | 0.15 | (0.07-0.25) |
| R300-0828M-MM | 0.13 | (0.07-0.2) | 0.13 | (0.07-0.2) |
| R300-0828M-PH | 0.15 | (0.07-0.25) | 0.15 | (0.07-0.25) |
| R300-0828M-PM | 0.13 | (0.07-0.2) | 0.13 | (0.07-0.2) |
| R300-0932E-MM | 0.15 | (0.07-0.23) | 0.13 | (0.04-0.2) |
| R300-0932E-PM | 0.15 | (0.05-0.23) | 0.13 | (0.04-0.2) |
| R300-0932M-PH | 0.17 | (0.07-0.29) | 0.15 | (0.06-0.25) |
| R300-0932M-PM | 0.15 | (0.07-0.23) | 0.13 | (0.06-0.2) |
| R300-1032E-KL | 0.21 | (0.05-0.29) | 0.13 | (0.04-0.15) |
| R300-1032E-MM | 0.17 | (0.07-0.29) | 0.18 | (0.04-0.25) |
| R300-1032E-PL | 0.15 | (0.05-0.17) | 0.13 | (0.04-0.15) |
| R300-1032E-PM | 0.21 | (0.05-0.29) | 0.18 | (0.04-0.25) |
| R300-1032M-KH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1032M-MH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1032M-MM | 0.17 | (0.07-0.29) | 0.15 | (0.06-0.25) |
| R300-1032M-PH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1032M-PM | 0.17 | (0.07-0.29) | 0.15 | (0.06-0.25) |
| R300-1240E-KM | 0.23 | (0.07-0.35) | 0.18 | (0.04-0.25) |
| R300-1240E-ML | 0.15 | (0.05-0.23) | 0.13 | (0.04-0.2) |
| R300-1240E-MM | 0.21 | (0.05-0.29) | 0.18 | (0.04-0.25) |
| R300-1240E-PL | 0.15 | (0.05-0.23) | 0.13 | (0.04-0.2) |
| R300-1240E-PM | 0.21 | (0.05-0.29) | 0.18 | (0.04-0.25) |
| R300-1240M-KH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1240M-MH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1240M-MM | 0.17 | (0.07-0.29) | 0.15 | (0.06-0.25) |
| R300-1240M-PH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1240M-PM | 0.17 | (0.07-0.29) | 0.15 | (0.06-0.25) |
| R300-1340E-ML | 0.15 | (0.05-0.23) | 0.13 | (0.04-0.2) |
| R300-1340E-MM | 0.21 | (0.05-0.29) | 0.18 | (0.04-0.25) |
| R300-1340E-PL | 0.15 | (0.05-0.23) | 0.13 | (0.04-0.2) |
| R300-1340E-PM | 0.21 | (0.05-0.29) | 0.18 | (0.04-0.25) |
| R300-1340M-KH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1340M-MH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1340M-MM | 0.17 | (0.07-0.29) | 0.15 | (0.06-0.25) |

# Profielfrezen

## CoroMill® 300

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| R300-1340M-PH | 0.23 | (0.07-0.35) | 0.2 | (0.06-0.3) |
| R300-1340M-PM | 0.17 | (0.07-0.29) | 0.15 | (0.06-0.25) |
| R300-1648E-KM | 0.29 | (0.07-0.46) | 0.2 | (0.04-0.3) |
| R300-1648E-ML | 0.17 | (0.05-0.23) | 0.15 | (0.04-0.2) |
| R300-1648E-MM | 0.21 | (0.07-0.29) | 0.2 | (0.04-0.3) |
| R300-1648E-PL | 0.17 | (0.05-0.23) | 0.15 | (0.04-0.2) |
| R300-1648E-PM | 0.23 | (0.05-0.35) | 0.2 | (0.04-0.3) |
| R300-1648M-KH | 0.29 | (0.07-0.46) | 0.25 | (0.06-0.4) |
| R300-1648M-MH | 0.29 | (0.07-0.46) | 0.25 | (0.06-0.4) |
| R300-1648M-MM | 0.21 | (0.07-0.29) | 0.18 | (0.06-0.25) |
| R300-1648M-PH | 0.29 | (0.07-0.46) | 0.25 | (0.06-0.4) |
| R300-1648M-PM | 0.21 | (0.07-0.29) | 0.18 | (0.06-0.25) |
| R300-2060E-ML | 0.28 | (0.06-0.35) | 0.2 | (0.04-0.25) |
| R300-2060E-MM | 0.35 | (0.06-0.57) | 0.25 | (0.04-0.4) |
| R300-2060E-PL | 0.28 | (0.06-0.35) | 0.2 | (0.04-0.25) |
| R300-2060E-PM | 0.35 | (0.06-0.57) | 0.25 | (0.04-0.4) |
| R300-2060M-KH | 0.49 | (0.07-0.78) | 0.35 | (0.05-0.55) |
| R300-2060M-MH | 0.49 | (0.07-0.78) | 0.35 | (0.05-0.55) |
| R300-2060M-MM | 0.28 | (0.07-0.42) | 0.2 | (0.05-0.3) |
| R300-2060M-PH | 0.49 | (0.07-0.78) | 0.35 | (0.05-0.55) |
| R300-2060M-PM | 0.28 | (0.07-0.42) | 0.2 | (0.05-0.3) |
| R300-2570E-ML | 0.31 | (0.06-0.4) | 0.22 | (0.04-0.28) |
| R300-2570E-PL | 0.31 | (0.06-0.4) | 0.22 | (0.04-0.28) |
| R300-2570M-KH | 0.57 | (0.07-0.85) | 0.4 | (0.05-0.6) |
| R300-2570M-MM | 0.31 | (0.07-0.47) | 0.22 | (0.05-0.33) |
| R300-2570M-PH | 0.57 | (0.07-0.85) | 0.4 | (0.05-0.6) |
| R300-2570M-PM | 0.31 | (0.07-0.47) | 0.22 | (0.05-0.33) |

## CoroMill® 600

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 600-1045E-ML | 0.2 | (0.05-0.35) | 0.2 | (0.05-0.35) |
| 600-1045M-ML | 0.2 | (0.05-0.35) | 0.2 | (0.05-0.35) |
| 600-1252E-ML | 0.25 | (0.05-0.35) | 0.25 | (0.05-0.35) |
| 600-1252M-ML | 0.25 | (0.05-0.35) | 0.25 | (0.05-0.35) |
| 600R-1045M-MM | 0.35 | (0.15-0.55) | 0.35 | (0.15-0.55) |
| 600R-1252M-MM | 0.35 | (0.15-0.55) | 0.35 | (0.15-0.55) |

## CoroMill® 216

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| APMT160408-M | 0.35 | (0.14-0.7) | 0.25 | (0.1-0.5) |
| R216-1002E-M | 0.14 | (0.06-0.21) | 0.1 | (0.04-0.15) |
| R216-1202E-M | 0.14 | (0.06-0.21) | 0.1 | (0.04-0.15) |
| R216-1202M-M | 0.14 | (0.08-0.21) | 0.1 | (0.04-0.15) |
| R216-1603E-M | 0.14 | (0.06-0.21) | 0.1 | (0.04-0.15) |
| R216-1603M-M | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| R216-20T3E-M | 0.21 | (0.06-0.25) | 0.15 | (0.04-0.18) |
| R216-20T3M-M | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| R216-2504E-M | 0.21 | (0.06-0.25) | 0.15 | (0.04-0.18) |
| R216-2504M-M | 0.17 | (0.08-0.21) | 0.12 | (0.06-0.15) |
| R216-3006E-M | 0.24 | (0.06-0.28) | 0.17 | (0.04-0.2) |
| R216-3006M-M | 0.21 | (0.08-0.28) | 0.15 | (0.06-0.2) |
| R216-3206E-M | 0.24 | (0.06-0.28) | 0.17 | (0.04-0.2) |
| R216-3206M-M | 0.21 | (0.08-0.28) | 0.15 | (0.06-0.2) |
| R216-4007E-M | 0.28 | (0.06-0.35) | 0.2 | (0.04-0.25) |
| R216-4007M-M | 0.28 | (0.1-0.42) | 0.2 | (0.07-0.3) |
| R216-5007E-M | 0.28 | (0.06-0.35) | 0.2 | (0.04-0.25) |
| R216-5007M-M | 0.35 | (0.1-0.7) | 0.25 | (0.07-0.5) |

# Profielfrezen

## CoroMill® 200

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| RCHT09T300-ML | 0.15 | (0.08-0.2) | 0.15 | (0.08-0.2) |
| RCHT09T300-PL | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| RCHT10T3M0-KL | 0.17 | (0.1-0.2) | 0.1 | (0.08-0.15) |
| RCHT10T3M0-ML | 0.15 | (0.08-0.2) | 0.15 | (0.08-0.2) |
| RCHT10T3M0-PL | 0.1 | (0.08-0.15) | 0.1 | (0.08-0.15) |
| RCHT1204M0 | 0.21 | (0.1-0.42) | 0.1 | (0.08-0.15) |
| RCHT1204M0-KL | 0.24 | (0.1-0.28) | 0.1 | (0.06-0.15) |
| RCHT1204M0-PL | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| RCHT130400-KL | 0.24 | (0.1-0.28) | 0.1 | (0.06-0.15) |
| RCHT130400-ML | 0.21 | (0.08-0.28) | 0.15 | (0.06-0.2) |
| RCHT130400-PL | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| RCHT1606M0-KL | 0.24 | (0.1-0.28) | 0.1 | (0.06-0.15) |
| RCHT1606M0-ML | 0.21 | (0.08-0.28) | 0.15 | (0.06-0.2) |
| RCHT1606M0-PL | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| RCHT190600-ML | 0.21 | (0.08-0.28) | 0.15 | (0.06-0.2) |
| RCHT190600-PL | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| RCHT2006M0-KL | 0.24 | (0.1-0.28) | 0.1 | (0.06-0.15) |
| RCHT2006M0-ML | 0.21 | (0.08-0.28) | 0.15 | (0.06-0.2) |
| RCHT2006M0-PL | 0.14 | (0.08-0.21) | 0.1 | (0.06-0.15) |
| RCHT1204M0-ML | 0.21 | (0.08-0.28) | 0.15 | (0.06-0.2) |
| RCKT09T300-KH | 0.25 | (0.1-0.3) | 0.25 | (0.1-0.3) |
| RCKT09T300-MM | 0.2 | (0.1-0.3) | 0.2 | (0.1-0.3) |
| RCKT09T300-PH | 0.25 | (0.1-0.3) | 0.25 | (0.1-0.3) |
| RCKT09T300-PM | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| RCKT10T3M0-KH | 0.25 | (0.1-0.3) | 0.25 | (0.1-0.3) |
| RCKT10T3M0-KM | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| RCKT10T3M0-MM | 0.2 | (0.1-0.3) | 0.2 | (0.1-0.3) |
| RCKT10T3M0-PH | 0.25 | (0.1-0.3) | 0.25 | (0.1-0.3) |
| RCKT10T3M0-PM | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| RCKT10T3M0-WM | 0.17 | (0.1-0.2) | 0.17 | (0.1-0.2) |
| RCKT1204M0-KH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT1204M0-KM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT1204M0-MM | 0.28 | (0.1-0.42) | 0.2 | (0.07-0.3) |
| RCKT1204M0-PH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT1204M0-PM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT1204M0-WM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT1204MO | 0.35 | (0.1-0.42) | 0.15 | (0.07-0.3) |
| RCKT130400-KH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT130400-KM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT130400-MM | 0.28 | (0.1-0.42) | 0.2 | (0.07-0.3) |
| RCKT130400-PH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT130400-PM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT130400-WM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT1606M0-KH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT1606M0-KM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT1606M0-MM | 0.28 | (0.1-0.42) | 0.2 | (0.07-0.3) |
| RCKT1606M0-PH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT1606M0-PM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT1606M0-WM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT1606MO | 0.35 | (0.1-0.42) | 0.15 | (0.07-0.3) |
| RCKT190600-KH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT190600-KM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT190600-MM | 0.28 | (0.1-0.42) | 0.2 | (0.07-0.3) |
| RCKT190600-PH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT190600-PM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT190600-WM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT2006M0-KH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT2006M0-KM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT2006M0-MM | 0.28 | (0.1-0.42) | 0.2 | (0.07-0.3) |
| RCKT2006M0-PH | 0.35 | (0.1-0.42) | 0.25 | (0.07-0.3) |
| RCKT2006M0-PM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |
| RCKT2006M0-WM | 0.24 | (0.1-0.28) | 0.17 | (0.07-0.2) |

# Groeffreesgereedschappen

**CoroMill® 327**

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 327R12-22 11045-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 13045-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 16045-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 18545-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 21545-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 26545-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 31545-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 41545-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-221304508-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-221604508-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-222654518-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-224154525-GC | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R06-10 10000-GM | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R06-10 15002-GM | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R06-10 20002-GM | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R06-10 25002-GM | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R09-18 15002-GM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 20002-GM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 25002-GM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 30002-GM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-22 15002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 20002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 25002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 30002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 40002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R14-28 15000-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R14-28 20002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R14-28 25002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R14-28 30002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R14-28 35002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R14-28 40002-GM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R09-18 15001-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 20002-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 25002-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 30002-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-28 15001-GMM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-28 20002-GMM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-28 25002-GMM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-28 30002-GMM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-28 40002-GMM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R14-35 15001-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R14-35 20002-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R14-35 25002-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R14-35 30002-GMM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R06-12 22011-RM | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R09-18 22011-RM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-22 10005-RM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 20010-RM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 30015-RM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 40020-RM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |

**CoroMill® 328**

| | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| **Bestelcode** | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 328R13-13000-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-16000-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-18502-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-18545-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-21502-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-21545-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-26502-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-26545-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-2654515-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-31502-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-31545-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-41502-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-41545-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-4154520-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-51502-GM | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-51545-GC | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |

# Groeffreesgereedschappen

## CoroMill® QD

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| QD-NE-0200-010E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NF-0239-010E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NF-0250-010E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NG-0300-010E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NG-0318-010E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NH-0400-015E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NJ-0476-020E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NJ-0500-020E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NK-0600-025E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NK-0635-025E-NL | 0.16 | (0.01-0.3) | 0.13 | (0.01-0.25) |
| QD-NE-0200-020E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NF-0239-020E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NF-0250-020E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NG-0300-020E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NG-0318-020E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NH-0400-025E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NJ-0476-030E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NJ-0500-030E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NK-0600-035E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NK-0635-035E-SL | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NE-0200-020E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NF-0239-020E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NF-0250-020E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NG-0300-020E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NG-0318-020E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NH-0400-025E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NJ-0476-030E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NJ-0500-030E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NK-0600-035E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NK-0635-035E-SM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NE-0200-020E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NF-0239-020E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NF-0250-020E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NG-0300-020E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NG-0318-020E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NH-0400-025E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NJ-0476-030E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NJ-0500-030E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NK-0600-035E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NK-0635-035E-ML | 0.05 | (0.01-0.08) | 0.04 | (0.01-0.07) |
| QD-NE-0200-020E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NF-0239-020E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NF-0250-020E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NG-0300-020E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NG-0318-020E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NH-0400-025E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NJ-0476-030E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NJ-0500-030E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NK-0600-035E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NK-0635-035E-MM | 0.09 | (0.05-0.14) | 0.08 | (0.04-0.12) |
| QD-NE-0200-020E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NF-0239-020E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NF-0250-020E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NG-0300-020E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NH-0400-025E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NG-0318-020E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NJ-0476-030E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NJ-0500-030E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NK-0600-035E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |
| QD-NK-0635-035E-KL | 0.13 | (0.02-0.18) | 0.11 | (0.02-0.15) |

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| QD-NE-0200-035M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NF-0239-035M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NF-0250-035M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NG-0300-035M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NG-0318-035M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NH-0400-040M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NJ-0476-045M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NJ-0500-045M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NK-0600-050M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NK-0635-050M-KM | 0.13 | (0.05-0.18) | 0.11 | (0.04-0.15) |
| QD-NE-0200-020E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NF-0239-020E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NF-0250-020E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NG-0300-020E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NG-0318-020E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NH-0400-025E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NJ-0476-030E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NJ-0500-030E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NK-0600-035E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NK-0635-035E-PL | 0.06 | (0.02-0.08) | 0.05 | (0.02-0.08) |
| QD-NE-0200-020E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NF-0239-020E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NF-0250-020E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NG-0300-020E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NG-0318-020E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NH-0400-025E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NJ-0476-030E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NJ-0500-030E-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NK-0600-035E-PM | 0.2 | (0.08-0.12) | 0.1 | (0.07-0.1) |
| QD-NK-0635-035E-PM | 0.2 | (0.08-0.12) | 0.1 | (0.07-0.1) |
| QD-NE-0200-020M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NF-0239-020M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NF-0250-020M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NG-0300-020M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NG-0318-020M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NH-0400-025M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NJ-0476-030M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NJ-0500-030M-PM | 0.13 | (0.08-0.18) | 0.11 | (0.07-0.15) |
| QD-NK-0600-035M-PM | 0.12 | (0.08-0.12) | 0.1 | (0.07-0.1) |
| QD-NK-0635-035M-PM | 0.12 | (0.08-0.12) | 0.1 | (0.07-0.1) |
| QD-NE-0200-035M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NF-0239-035M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NF-0250-035M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NG-0300-035M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NG-0318-035M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NH-0400-040M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NJ-0476-045M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NJ-0500-045M-PH | 0.13 | (0.05-0.15) | 0.11 | (0.04-0.13) |
| QD-NK-0600-050M-PH | 0.12 | (0.05-0.12) | 0.1 | (0.04-0.1) |
| QD-NK-0635-050M-PH | 0.12 | (0.05-0.12) | 0.1 | (0.04-0.1) |

Aanbeveling voor diameter 63 mm frezen
- PL is de 1e keuze geometrie in ISO P toepassingen
- Gebruik maximaal 70% van de aanbevolen waarde van $h_{ex}$ bij gebruik van de PM geometrie
- PH geometrie is niet aanbevolen

# Draadfreesgereedschappen

**CoroMill® 328**

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 328R13-04UN-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-06UN-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-08UN-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-10UN-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-12UN-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-14UN-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-150MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-150VM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-16UN-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-200MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-300MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-350MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-400MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-400VM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-450MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-500MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-550MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |
| 328R13-600MM-TH | 0.1 | (0.04-0.15) | 0.07 | (0.03-0.1) |

**CoroMill® 327**

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 327R06-12 100VM-TH | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R09-18 100VM-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-22 100VM-TH | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R06-12 250VM-TH | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R09-18 250VM-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-22 250VM-TH | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R06-12 19WH-TH | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R09-18 19WH-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R06-12 14WH-TH | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R09-18 14WH-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R06-12 11WH-TH | 0.05 | (0.02-0.06) | 0.05 | (0.02-0.06) |
| 327R09-18 11WH-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 24UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 20UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 18UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 16UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 14UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 12UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 11UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 10UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 08UN-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 150MM-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 200MM-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 300MM-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 350MM-TH | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-22 150MM-TH | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 175MM-TH | 0.07 | (0.04-0.1) | 0.06 | (0.04-0.1) |
| 327R12-22 200MM-TH | 0.07 | (0.04-0.1) | 0.06 | (0.04-0.1) |
| 327R12-22 300MM-TH | 0.07 | (0.04-0.1) | 0.06 | (0.04-0.1) |
| 327R12-22 350MM-TH | 0.07 | (0.04-0.1) | 0.06 | (0.04-0.1) |
| 327R12-22 400MM-TH | 0.07 | (0.04-0.1) | 0.06 | (0.04-0.1) |
| 327R12-22 450MM-TH | 0.07 | (0.04-0.1) | 0.06 | (0.04-0.1) |
| 327R09-18 100VM-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-22 100VM-THM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R09-18 250VM-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R12-22 250VM-THM | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R09-18 24UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 20UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 18UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 16UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 14UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 12UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 11UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 10UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 08UN-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 150MM-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 200MM-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 300MM-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |
| 327R09-18 350MM-THM | 0.06 | (0.03-0.08) | 0.06 | (0.03-0.08) |

# Afschuinfreesgereedschappen

## CoroMill® 495

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 495-09T3M-MM | 0.17 | (0.12-0.25) | 0.16 | (0.12-0.2) |
| 495-09T3M-PM | 0.17 | (0.12-0.25) | 0.17 | (0.12-0.25) |

## CoroMill® 327

| Bestelcode | Voeding per tand, $f_z$ mm/tand | | Max. spaandikte, $h_{ex}$ mm | |
|---|---|---|---|---|
| | Startwaarde | (min. - max.) | Startwaarde | (min. - max.) |
| 327R06-12 12045-CH | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |
| 327R12-22 20045-CH | 0.07 | (0.04-0.1) | 0.07 | (0.04-0.1) |

# Hardmetaalsoorten voor frezen

## P Staal

### Hoofdsoorten



**GC1130 (HC)** - P30 (P15-P40)
Harde PVD-hardmetaalsoort met een dunne coating met Zertivo™-technologie voor diverse toepassingen. Geschikt voor licht voorbewerken tot nabewerken bij gemiddelde stabiliteit, voor natte en droge bewerkingen. Goede keuze voor complexe gereedschapspaden en kleverige materialen.

Waar GC1130 niet beschikbaar is, gebruik dan GC1030.



**GC4340 (HC)** - P40 (P35-P50)
Harde hardmetaalsoort met een CVD-coating (middeldik), ontworpen voor zware en veeleisende, middelfijne tot ruwe freesbewerkingen, voor natte en droge bewerkingen.



**GC4330 (HC)** - P30 (P10-P40)
Middelharde hardmetaalsoort met een CVD-coating (middeldik tot dik), ontworpen voor middelfijne tot ruwe freestoepassingen in gemiddelde snijomstandigheden, voor natte en droge bewerkingen.



**GC4220 (HC)** - P20 (P10-P25)
Harde hardmetaalsoort met een CVD-coating (dik), ontworpen geschikt voor hoge snijsnelheden in middelfijne tot ruwe freestoepassingen met goede stabiliteit, voor droge bewerkingen.

### Aanvullende soorten



**GC1010 (HC)** - P10 (P05-P15)
Zeer harde PVD-gecoate (dunne coating) hardmetaalsoort voor nabewerken in zeer stabiele omstandigheden voor natte en droge bewerkingen.



**CT530 (HT)** - P15 (P10-P15)
Middelharde cermetsoort zonder coating voor nabewerkingstoepassingen bij hoge snijsnelheden voor droge bewerkingen.



**GC2030 (HC)** - P30 (P20-P40)
Middelharde PVD-gecoate (dunne coating) hardmetaalsoort voor kleverige materialen voor natte en droge bewerkingen.



**GC2040 (HC)** - P45 (P30-P50)
Taaie hardmetaalsoort met middeldikke CVD-coating voor voorbewerken in zware en veeleisende toepassingen, voor natte en droge bewerkingen, en goed voor het produceren van gemengd materiaal.



**GC3040 (HC)** - P20 (P10-P40)
Middelharde hardmetaalsoort met dikke CVD-coating die een aanvulling is op GC4330 in abrasieve materialen.



**M30B (HC)** - P35 (P30-P40)
Taaie hardmetaalsoort met dunne CVD-coating voor het bewerken van turbinebladen in zware en veeleisende omstandigheden bij hoge snijsnelheden, voor natte en droge bewerkingen.



**GC1025 (HC)** - P30 (P15-P30)
Harde PVD-gecoate (dunne coating) hardmetaalsoort voor licht voorbewerken in kleverige materialen voor natte en droge bewerkingen.

**De lettercodes geven het soort snijmateriaal aan:**

**Hardmetalen:**

HT Ongecoat cermet bevat voornamelijk titanium carbide (TIC) of titanium nitride (TIN) of beide.

HC Hardmetaal als boven, maar gecoat

# Hardmetaalsoorten voor frezen

## M Austenietisch/ferrietisch/martensietisch roestvaststaal

### Hoofdsoorten



**GC1040 (HC)** - M30 (M15-M35)
Taaie PVD-hardmetaalsoort met dunne coating voor nabewerken tot voorbewerken in instabiele tot stabiele, natte en droge omstandigheden. Goede keuze voor complexe gereedschapspaden en kleverige materialen.



**GC2040 (HC)** - M40 (M25-M40)
Taaie CVD-hardmetaalsoort met middeldikke coating, ontworpen voor zware en veeleisende, middelfijne tot ruwe freestoepassingen met slechte stabiliteit, in droge omstandigheden. Hoge voedingssnelheden, grote diameters en radiale insnijdingen.



**S30T (HC)** - M25 (M15-M35)
Middelharde PVD-hardmetaalsoort met dunne coating om te gebruiken als aanvulling op GC1040 als de stabiliteit goed is en als hoge snijsnelheid vereist is, in natte en droge omstandigheden.



**GC2030 (HC)** – M25 (M15-M30)
Middelharde PVD-hardmetaalsoort met dunne coating voor licht voorbewerken tot nabewerken. Aanvulling op GC1040 bij goede stabiliteit, voor hoge snijsnelheden in droge omstandigheden.

### Aanvullende soorten



**M30B (HC)** - M35 (M30-M40)
Taaie CVD-hardmetaalsoort met dunne coating voor het bewerken van turbinebladen in taaiheidvereisende omstandigheden bij hoge snijsnelheden. Kan worden gebruikt in zowel natte als droge omstandigheden.

**De lettercodes geven het soort snijmateriaal aan:**

**Hardmetalen:**

HT Ongecoat cermet bevat voornamelijk titanium carbide (TIC) of titanium nitride (TIN) of beide.

HC Hardmetaal als boven, maar gecoat

### Aanvullende soorten



**S40T (HC)** - M40 (M30-M40)
Zeer taaie CVD-hardmetaalsoort met dikke coating, ontworpen voor taaiheidvereisende, middelfijne tot ruwe freestoepassingen met slechte stabiliteit. Kan worden gebruikt in zowel droge als natte omstandigheden.



**GC1130 (HC)** - M15 (M10-M20)
Harde PVD-hardmetaalsoort met dunne coating met Zertivo™-technologie voor gebruik als aanvulling op GC1040, met goede stabiliteit en wanneer er hoge snijsnelheden zijn vereist. Kan worden gebruikt in zowel droge als natte omstandigheden. Goede keuze voor gemengde ISO M/ISO P materiaalproductie.

Waar GC1130 niet beschikbaar is, gebruik dan GC1030.



**CT530 (HT)** - M10 (M10-M15)
Middelharde cermetsoort zonder coating voor nabewerkingstoepassingen bij hoge snijsnelheden voor droge bewerkingen.



**GC1010 (HC)** - M10 (M05-M10)
Zeer harde PVD-hardmetaalsoort met dunne coating voor nabewerken in stabiele omstandigheden voor natte en droge bewerkingen.



**GC4330 (HC)** - M30 (M25-M35)
Middelharde CVD-hardmetaalsoort met middeldikke coating voor middelfijn tot ruw frezen van martensitisch roestvast staal bij verhoogde snijsnelheden in gemiddelde en droge omstandigheden.



**GC4340 (HC)** - M40 (M30-M40)
Taaie CVD-hardmetaalsoort met middeldikke coating, ontworpen voor zware en veeleisende, middelfijne tot ruwe freestoepassingen van martensitisch roestvast staal in droge omstandigheden.

# Hardmetaalsoorten voor frezen

## K Gietijzer

### Hoofdsoorten



**GC3330 (HC)** - K20 (K15-K35)
Harde hardmetaalsoort met dikke CVD-coating voor middelmatig tot ruw frezen van alle gietijzer in gemiddelde tot stabiele omstandigheden, zowel droog als nat. Eerste keuze in grijs gietijzer en gemengde ISO K-toepassingen.



**GC1020 (HC)** - K20 (K10-K25)
Harde hardmetaalsoort met dunne PVD-coating voor licht voorbewerken tot nabewerken van nodulair gietijzer in droge en natte omstandigheden, en grijs gietijzer in natte en gemiddelde tot stabiele omstandigheden. Eerste keuze voor nodulair gietijzer en/of frezen met een kleine diameter.



**GC3220 (HC)** - K15 (K10-K25)
Harde hardmetaalsoort met zeer dikke CVD-coating, ontworpen voor hoge snijsnelheden voor middelfijn tot ruw frezen van grijs gietijzer, met goede stabiliteit onder droge omstandigheden.



**GC3040 (HC)** - K30 (K20-K40)
Middelharde hardmetaalsoort met dikke CVD-coating voor taaie en veeleisende, middelfijne tot ruwe freestoepassingen van grijs gietijzer in droge omstandigheden.



**K20W (HC)** - K20 (K15-K30)
Harde hardmetaalsoort met dunne PVD-coating voor nabewerken tot licht voorfrezen van alle gietijzer in stabiele en natte omstandigheden. Ideaal voor frezen met een grote diameter.



**K20D (HC)** - K15 (K10-K25)
Harde hardmetaalsoort met zeer dikke CVD-coating, ontworpen voor hoge snijsnelheden voor middelfijn tot ruw frezen van grijs gietijzer, met goede stabiliteit onder droge omstandigheden.

**De lettercodes geven het soort snijmateriaal aan:**
**Hardmetalen:**
HW Ongecoat hardmetaal bevat voornamelijk wolfram carbide (WC)
HC Hardmetaal als boven, maar gecoat
**Keramiek:**
CN Nitride keramiek bevat voornamelijk silicium nitride ($Si_3N_4$).
**Cubic boron nitride:**
BN Polykristallijn boriumnitride[1)]
[1)] Polykristallijnen diamant en polykristallijnen boronnitride worden ook superharde snijmaterialen genoemd.

### Aanvullende soorten



**CB50 (BN)** - K10 (K01-K20)
Harde hardmetaalsoort met CBN-punt voor licht voorbewerken tot nabewerken van grijs gietijzer in stabiele, droge omstandigheden. Te gebruiken wanneer dimensionale stabiliteit en lange standtijd van kritiek belang zijn.



**CC6190 (CN)** - K05 (K01-K15)
Harde keramieksoort van siliciumnitride voor zeer hoge snijsnelheden in licht voorbewerken tot semi-nabewerken van grijs gietijzer in stabiele en droge omstandigheden.



**GC1010 (HC)** - K05 (K01-K10)
Zeer harde hardmetaalsoort met dunne PVD-coating voor nabewerken in zeer stabiele omstandigheden. Een hardere aanvulling op GC1020 in natte omstandigheden.



**H13A (HW)** - K20 (K10-K25)
Harde hardmetaalsoort zonder coating voor voorfrezen tot nabewerken met scherpe snijkanten, bij lage snelheden en in gemiddelde tot stabiele, droge en natte omstandigheden.



**GC4340 (HC)** - K40 (K30-K40)
Taaie hardmetaalsoort met middeldikke CVD-coating voor gebruik als taaiere aanvulling op GC3040 wanneer de stabiliteit slecht is, in droge en natte omstandigheden.



**GC4330 (HC)** - K30 (K20-K35)
Middelharde hardmetaalsoort met middeldikke CVD-coating voor taaiheidvereisende, middelfijne tot ruwe freestoepassingen in nodulair gietijzer, in droge en natte omstandigheden.



**K20M (HC)** - K15 (K10-K25)
Harde hardmetaalsoort met middeldikke CVD-coating voor middelfijn tot ruw frezen in diverse toepassingen in alle soorten gietijzer, voornamelijk in droge omstandigheden.



**K15W (HC)** - K15 (K10-K25)
Harde hardmetaalsoort met dunne CVD-coating voor nabewerken van gietijzer en bi-metalen componenten zoals gietijzer en aluminium in stabiele en natte omstandigheden. Te gebruiken als aanvulling op K20W wanneer er een scherpe snijkant is vereist.

# Hardmetaalsoorten voor frezen

**N** **Non-ferrometalen, kunststof, hout**

## Hoofdsoorten



**H13A (HW)** - N15 (N10-N25)
Harde hardmetaalsoort zonder coating voor voorbewerken tot semi-nabewerken met scherpe randen in gemiddelde tot stabiele omstandigheden. Voortreffelijke oppervlakafwerking in natte en droge bewerkingen.



**H10 (HW)** - N10 (N05-N15)
Zeer harde hardmetaalsoort zonder coating voor licht voorbewerken tot nabewerken met scherpe kanten in stabiele omstandigheden met hoge eisen aan de kwaliteit van de oppervlakteafwerking in natte en droge bewerkingen.



**CD10 (DP)** - N05 (N01-N10)
Polykristallijnen hardmetaalsoort (PCD) met diamantpunt met scherpe kanten voor licht voorbewerken tot nabewerken in stabiele omstandigheden, voor natte of droge bewerkingen, met hoge eisen aan de kwaliteit van de oppervlakafwerking en de processtabiliteit. Goede keuze voor ruwe materialen.

## Aanvullende soorten



**CT530 (HT)** - N15 (N10-N20)
Middelharde cermetsoort zonder coating voor nabewerken in vrij stabiele omstandigheden en verhoogde snijsnelheden in natte en droge omstandigheden.



**GC1130 (HC)** - N15 (N10-N25)
Harde PVD Zertivo™ hardmetaalsoort met dunne coating voor voorbewerken tot semi-nabewerken in gemiddelde omstandigheden met lagere eisen aan de oppervlakteafwerking in natte en droge omstandigheden.

*Waar GC1130 niet beschikbaar is, gebruik dan GC1030.



**H10F (HW)** - N15 (N10-N25)
?Harde hardmetaalsoort zonder coating voor licht voorbewerken tot nabewerken met scherpe kanten in gemiddelde omstandigheden voor een goed oppervlak, in natte en droge omstandigheden.

**De lettercodes geven het soort snijmateriaal aan:**

**Hardmetalen:**

HW Ongecoat hardmetaal bevat voornamelijk wolfram carbide (WC)

HT Ongecoat cermet bevat voornamelijk titanium carbide (TIC) of titanium nitride (TIN) of beide.

HC Hardmetaal als boven, maar gecoat

**Diamant:**

DP Polykristallijn diamant[1)]

[1)] Polykristallijn diamant en kubish boronnitride worden ook superharde snijmaterialen genoemd.

# Hardmetaalsoorten voor frezen

## S Hittebestendige legeringen Titaniumlegeringen

### Hoofdsoorten



**S30T (HC)** - S25 (S15-S30)
Middelharde hardmetaalsoort met dunne PVD-coating voor licht voorbewerken tot nabewerken in vrij stabiele omstandigheden. Voortreffelijke snijkantduurzaamheid en oppervlakafwerking. Kan worden gebruikt in zowel natte als droge omstandigheden.



**S40T (HC)** - S35 (S25-S45)
Een zeer taaie CVD-hardmetaalsoort met middeldikke coating voor voorbewerken in taaiheidvereisende toepassingen. Kan worden gebruikt in zowel natte als droge omstandigheden.



**GC1130 (HC)** - S15 (S10-S25)
Een harde PVD-gecoate Zertivo™ hardmetaalsoort met dunne coating, te gebruiken als aanvulling op S30T voor langdurig snijden. Kan worden gebruikt in zowel natte als droge omstandigheden.

*Waar GC1130 niet beschikbaar is, gebruik dan GC1030.



**GC1010 (HC)** - S10 (S05-S10)
Een zeer harde PVD-hardmetaalsoort met dunne coating voor nabewerken in zeer stabiele omstandigheden voor natte en droge bewerkingen.

### Aanvullende soorten



**GC1040 (HC)** - S30 (S20-S35)
Taaie PVD-hardmetaalsoort met dunne coating, te gebruiken als taaiere aanvulling op S30T in iets instabielere toepassingen, in zowel natte en droge omstandigheden.



**GC2030 (HC)** - S20 (S15-S25)
Middelharde PVD-hardmetaalsoort met dunne coating, te gebruiken als aanvulling op S30T voor langdurig snijden. Kan worden gebruikt in zowel natte als droge omstandigheden.



**GC2040 (HC)** - S30 (S25-S40)
Een taaie CVD-hardmetaalsoort met middeldikke coating voor voorbewerken in taaiheidvereisende toepassingen. Te gebruiken als aanvulling op S40T voor grote diameters of grote radiale insnijdieptes, in natte en droge omstandigheden.



**H10F (HW)** - S25 (S20-S30)
Harde hardmetaalsoort zonder coating voor licht voorbewerken tot nabewerken in stabiele omstandigheden met hoge eisen aan scherpe kanten en oppervlakafwerking, in zowel natte en droge omstandigheden.



**H13A (HW)** - S20 (S15-S25)
Harde hardmetaalsoort zonder coating voor gebruik als back-up voor H10F in stabielere toepassingen. Kan worden gebruikt in zowel natte als droge omstandigheden.



**GC1025 (HC)** - S15 (S10-S20)
Harde PVD-hardmetaalsoort met dunne coating, te gebruiken als aanvulling op S30T voor langdurig snijden. Kan worden gebruikt in zowel natte als droge omstandigheden.

**De lettercodes geven het soort snijmateriaal aan:**

**Hardmetalen:**

HW Ongecoat hardmetaal bevat voornamelijk wolfram carbide (WC)

HC Hardmetaal als boven, maar gecoat

# Hardmetaalsoorten voor frezen

H **Gehard staal**

## Hoofdsoorten



**GC1010(HC)** - H10 (H05-H15)
Harde PVD-hardmetaalsoort met een dunne coating voor licht voorbewerken tot nabewerken van gehard staal van 36 HRC en hoger; te gebruiken in stabiele omstandigheden voor zowel natte en droge bewerkingen.



**GC4220(HC)** - H25 (H15-H30)
Harde CVD-hardmetaalsoort met een dikke coating voor licht voorbewerken tot nabewerken bij lage voedingen, matige snelheden en grote radiale snijdieptes in het lagere ISO H-hardheidsbereik, voor zowel natte en droge bewerking.

## Aanvullende soorten



GC1130 **(HC)** - H10 (H10-H20)
?Harde PVD-hardmetaalsoort met een dunne coating met Zertivo™-technologie voor licht voorbewerken tot nabewerken bij lage voedingen, matige snelheden en grote radiale snijdieptes in het lagere ISO H-hardheidsbereik, voor zowel natte en droge bewerking.

* Waar GC1130 niet beschikbaar is, gebruik dan GC1030.



**CT530 (HT)** - H25(H10-H25)
Middelharde cermetsoort zonder coating voor licht nabewerken in stabiele en droge omstandigheden.



**CB50 (BN)** - H05 (H01-H10)
Harde hardmetaalsoort met CBN-punt voor semi-nabewerken tot nabewerken in zeer stabiele en droge omstandigheden. Te gebruiken wanneer dimensionale stabiliteit en lange standtijd van wezenlijk belang zijn.



**GC3040 (HC)** - H25 (H20-H30)
Middelharde CVD-hardmetaalsoort met dikke coating die kan worden gebruikt als back-up voor GC4220 in instabiele en droge omstandigheden.



**CC6190 (CN)** - H10 (H05-H15)
Harde keramiekmetaalsoort van siliciumnitride voor licht voorbewerken tot semi-nabewerken van in coquille gegoten ijzer in stabiele en droge omstandigheden.

**De lettercodes geven het soort snijmateriaal aan:**

**Hardmetalen:**

HT Ongecoat cermet bevat voornamelijk titanium carbide (TIC) of titanium nitride (TIN) of beide.

HC Hardmetaal als boven, maar gecoat

**Keramiek:**

CN Nitride keramiek bevat voornamelijk silicium nitride ($Si_3N_4$).

**Cubic boron nitride:**

BN Kubish boriumnitride[1)]

[1)] [1)] Polykristallijn diamant en kubish boronnitride worden ook superharde snijmaterialen genoemd.

# Boren

## Boren met verwisselbare punt

CoroDrill® 870 J4

## Wisselplaatboren

CoroDrill® DS20 J26

CoroDrill® 880 J34

Opboor-gereedschap J44

Coromant U boorwisselplaat J47

## Welke booroplossing sluit aan bij uw behoeften?

Bij het boren van kleine tot middelgrote gaten zijn er verschillende booroplossingen waaruit men kan kiezen:

- Boren met verwisselbare punt
- Wisselplaatboren
- Volhardmetalen boren

Bij het selecteren van uw boortype zijn er vele aspecten waar rekening mee moet worden gehouden. Van primair belang zijn de gattolerantie, boordiepte en -diameter. Daarnaast moet rekening worden gehouden met het werkstukmateriaal, ontwerp van het component, batchgroottes en machinetype.

Over het algemeen gesproken, zullen symmetrische boren zoals volhardmetalen boren of boren met verwisselbare punt nauwere gattoleranties bieden en met hogere voedingen werken. Wisselplaatboren zijn zeer kostenefficiënt wanneer gattolerantie niet van primair belang is en omdat ze bij lagere voedingen werken introduceren ze lagere axiale krachten in het werkstuk.

## Selecteer uw strategie

Boren wordt vaak laat in het productieproces uitgevoerd, nadat vorige bewerkingen reeds de initiële waarde van het onderdeel hebben verhoogd. De boortoepassing, hoewel schijnbaar eenvoudig, is een complexe bewerking die significante consequenties kan hebben wanneer het gereedschap niet goed functioneert of wordt gebruikt buiten zijn capaciteiten. Daarom is het belangrijk een strategie te hebben omtrent hoe uw gewenste gat moet worden bereikt.

**Diepe gaten boren**

- Voor het boren van diepere gaten zijn langere gereedschappen nodig die gevoeliger zijn voor afbuiging
- Spanen moeten een langere weg afleggen om afgevoerd te worden
- Bij het boren van 6-7xD gaten met CoroDrill DS20, is een voedingsreductie bij intrede en uittreden vereist. Intredevoeding moet 75% van de aanbevolen voeding zijn, de voeding bij uittreden moet 0,05 mm/omw zijn.

**Belangrijke factoren waar rekening mee moet worden gehouden:**

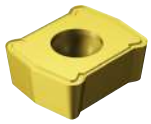
- Gebruik bij het boren van gaten dieper dan 6xD met CoroDrill 870 een pilootbewerking
- Zorg ervoor dat de koelmiddeldoorstroming voldoende is om de spanen af te voeren
- Pas uw snijgegevens aan om correcte spanen en een stabiel proces te verkrijgen en om uiteindelijk de door u vereiste gatkwaliteiten te behalen

**Het realiseren van een stabiel proces**

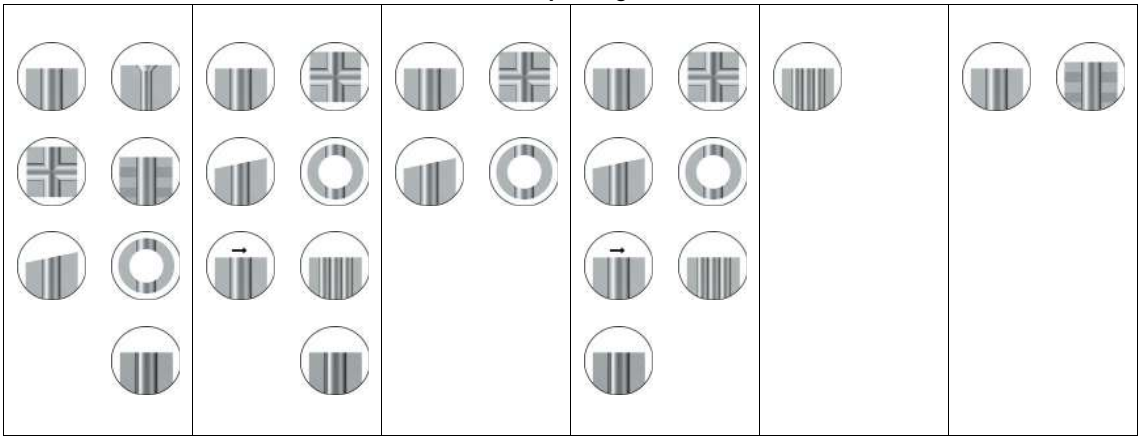
- Het realiseren van een stabiel proces is het uiteindelijke doel bij het kiezen van uw boorstrategie
- Om dit te behalen moet rekening worden gehouden met vele factoren (koelmiddel, opspanning, machinecapaciteit, etc.)
- Naast het eerdergenoemde, vormen snijgegevens een factor die een grote invloed heeft

**Pas de snijgegevens aan om uw proces te optimaliseren om:**

- de penetratiewaarden te verhogen (door de voeding te verhogen)
- of de standtijd te verlengen (door de snelheid te verlagen)

| | 870 | DS20 | 880 | 880 | R416.7 | R416 |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| Type boor | **Verwisselbare boorpunt** | **Wisselplaatboor** | **Wisselplaatboor** | **Wisselplaatboor voor grote diameters** | **Kernboor** | **Coromant U boorwisselplaat** |
| $D_c$ mm | 10.00-33.00 | 15.00-40.00 | 12.00-63.50 | 65.00-84.00 | 60.00-110.00 | |
| ISO toepassingsgebied | P M K N S | P M K N S H | P M K N S H | P M K N S H | P M K N S H | P M K N S H |
| ULDR | 3-10 x DC | 4-7 x DC | 2-3 x DC | 3-4 x DC | 2.5 x DC | |
| TCHA | H9-H10 | IT13-IT14 | H12-H13 | IT13 | IT13 | |
| Koelvloeistof | Inwendig | Inwendig | Inwendig | Inwendig | Uitwendig | |
| Pagina | **J4** | **J26** | **J34** | **J34** | **J44** | **J47** |

**Toepassing**



# CoroDrill® 870

## Betrouwbaar en voorspelbaar gatenproductieproces

**ISO toepassingsgebied:**

P M K N S



### Voordelen en kenmerken

De koppeling tussen punt en boor is eenvoudig, nauwkeurig en stabiel. Geoptimaliseerde spaangroeven ondersteunen de spaanafvoer en omdat de punt kan worden gewisseld terwijl het gereedschap zich nog in de machine bevindt, verliest u geen kostbare snijtijd. De nieuwe snijkantgeometrie en handmetaalsoorten bieden een betrouwbaar snijproces met een optimale spaanbeheersing, hoge penetratiegraden en een lange, betrouwbare gereedschaplevensduur.

### Toepassing

- Betrouwbaar en veilig proces
- Gemakkelijk in het gebruik en veilige wisseling van de boorpunt
- Geoptimaliseerde spaanbeheersing en -afvoer
- Lange voorspelbare standtijd en een hoge productiviteit
- Lage kosten per gat en uitstekende gatkwaliteit

www.sandvik.coromant.com/corodrill870

### Boorbodies

- Boordieptes: tot max. 10 × boordiameter
- Koppelingen: cilindrische schacht (ISO 9766)
- Gattoleranties: H9-H10

### Boorpunten

- Gemakkelijk in het gebruik en veilige wisseling van de boorpunt
- Wisselen van punt mogelijk terwijl gereedschap in de machine zit, om stilstandtijd te reduceren

### Boorpuntgeometrieën

- PM geoptimaliseerd voor ISO-P
- MM geoptimaliseerd voor ISO-M
- KM geoptimaliseerd voor ISO-K
- GP pilootboorboorpunt voor alle materialen

Tailor Made trap- en aanschuinboren voor het maken van aangeschuinde of getrapte gaten in één bewerking zijn leverbaar.

Duw de punt voorzichtig naar beneden in de richting van het steunoppervlak terwijl u de schroef aandraait tot het aanbevolen koppel dat is aangegeven op het boorlichaam. Gebruik bij voorkeur een momentschroevendraaier om te waarborgen dat de punt goed vast zit. Draai de schroef ongeveer 1,5 omwentelingen los om de boorpunt vrij te maken.




### Gattolerantie (niet van toepassing op GP-geometrie)

H9 - H10

| Diameterbereik, mm | | 10.00-18.00 | 18.01-30.00 | 30.01-33.00 |
|---|---|---|---|---|
| Gattolerantie, mm | 3×DC-8×DC | 0/+0.043 | 0/+0.052 | 0/+0.062 |
| | 10×DC | 0/+0.070 | 0/+0.084 | 0/+0.100 |

J6 J8 N6



SANDVIK Coromant

# CoroDrill® 870

## Geometrie overzicht

| Geometrie | | Informatie over geometrieën |
|---|---|---|
| **PM** |  | -PM-geometrie wordt gezien als een allround boorpunt. Alhoewel deze primair bedoeld is voor laaggelegeerde en koolstofstaalsoorten, bezit deze ook een goede functionaliteit en standtijd in austenitisch roestvast staal en in gietijzer. |
| **MM** |  | -MM-geometrie heeft dezelfde micro- en macrogeometrie als PM, maar heeft een versterkte dwarssnijkant waardoor de standtijd wordt verbeterd vooral voor Duplex roestvaste staalsoorten. |
| **KM** |  | -KM heeft dezelfde microgeometrie als de PM. Het verschil voor KM is zijn hoekaanschuining waardoor er minder uitbrekingen in het werkstukmateriaal ontstaan. |
| **GP** |  | -GP is bedoeld voor piloot-toepassingen. Het is gebaseerd op de PM-geometrie, maar heeft een langere punthoek en verschillende tolerantieklasse. |

### Hardmetaalsoort-overzicht

#### GC4334

- Nieuwe dikke PVD coating (AlTiN) met verbeterde snijkantbetrouwbaarheid, zorgt voor weerstand tegen snijkantsopbouw en uitbreking.
- Een taai fijnkorrelig substraat met hoog Cr-gehalte voor een hoge betrouwbaarheid en uitbrekingsbestendigheid.
- Eerste keuze in ISO-P

#### GC3334

- Nieuwe meerlaagse PVD coating (AlTiCrN) met verbeterde slijtvastheid.
- Een hard en fijnkorrelig substraat, waardoor de slijtvastheid nog beter is.
- Eerste keuze in ISO K

#### GC2334

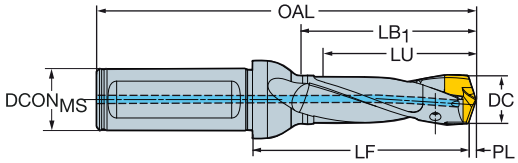
- Nieuwe dunne meerlaagse PVD coating (AlTiCrN) met verbeterde bestendigheid tegen schilfering en uitbreking op de secundaire snijkant.
- Een robuust fijnkorrelig basismateriaal voor hoge betrouwbaarheid en uitbrekingsbestendigheid.
- Eerste keuze in ISO M

# CoroDrill® 870 boor met verwisselbare boorpunt

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**






| | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | | LU | $CZC_{MS}$ | TCHA | Bestelnummer | $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | BAR | KG | RPMX | $MIID_P$ |
| 10.00 | 10.49 | 6 | 33.09 | 16 | H9 | 870-1000-6L16-3 | 16.00 | 46.40 | 96.00 | 35.00 | 1.60 | 10 | 0.141 | 33000 | 870-1040-6-PM |
| 10.00 | 10.49 | 6 | 54.07 | 16 | H9 | 870-1000-6L16-5 | 16.00 | 67.40 | 117.00 | 56.00 | 1.60 | 10 | 0.148 | 15000 | |
| 10.00 | 10.49 | 6 | 85.54 | 16 | H9 | 870-1000-6L16-8 | 16.00 | 99.40 | 149.00 | 88.00 | 1.60 | 15 | 0.157 | 12000 | |
| 10.00 | 10.49 | 6 | 106.52 | 16 | H10 | 870-1000-6L16-10 | 16.00 | 120.40 | 170.00 | 109.00 | 1.60 | 30 | 0.161 | 9000 | |
| 10.50 | 10.99 | 7 | 34.67 | 16 | H9 | 870-1050-7L16-3 | 16.00 | 47.31 | 97.00 | 36.00 | 1.69 | 10 | 0.143 | 33000 | 870-1090-7-PM |
| 10.50 | 10.99 | 7 | 56.65 | 16 | H9 | 870-1050-7L16-5 | 16.00 | 69.31 | 119.00 | 58.00 | 1.69 | 10 | 0.150 | 15000 | |
| 10.50 | 10.99 | 7 | 89.62 | 16 | H9 | 870-1050-7L16-8 | 16.00 | 102.31 | 152.00 | 91.00 | 1.69 | 15 | 0.161 | 12000 | |
| 10.50 | 10.99 | 7 | 111.60 | 16 | H10 | 870-1050-7L16-10 | 16.00 | 124.31 | 174.00 | 113.00 | 1.69 | 30 | 0.168 | 9000 | |
| 11.00 | 11.49 | 8 | 36.23 | 16 | H9 | 870-1100-8L16-3 | 16.00 | 49.25 | 99.00 | 38.00 | 1.75 | 10 | 0.145 | 33000 | 870-1140-8-PM |
| 11.00 | 11.49 | 8 | 59.21 | 16 | H9 | 870-1100-8L16-5 | 16.00 | 72.25 | 122.00 | 61.00 | 1.75 | 10 | 0.154 | 15000 | |
| 11.00 | 11.49 | 8 | 93.68 | 16 | H9 | 870-1100-8L16-8 | 16.00 | 107.25 | 157.00 | 96.00 | 1.75 | 15 | 0.165 | 12000 | |
| 11.00 | 11.49 | 8 | 116.66 | 16 | H10 | 870-1100-8L16-10 | 16.00 | 130.25 | 180.00 | 119.00 | 1.75 | 30 | 0.172 | 9000 | |
| 11.50 | 11.99 | 9 | 37.82 | 16 | H9 | 870-1150-9L16-3 | 16.00 | 51.17 | 101.00 | 40.00 | 1.83 | 10 | 0.146 | 33000 | 870-1190-9-PM |
| 11.50 | 11.99 | 9 | 61.80 | 16 | H9 | 870-1150-9L16-5 | 16.00 | 75.17 | 125.00 | 64.00 | 1.83 | 10 | 0.157 | 15000 | |
| 11.50 | 11.99 | 9 | 97.77 | 16 | H9 | 870-1150-9L16-8 | 16.00 | 111.17 | 161.00 | 100.00 | 1.83 | 15 | 0.170 | 12000 | |
| 11.50 | 11.99 | 9 | 121.75 | 16 | H10 | 870-1150-9L16-10 | 16.00 | 135.17 | 185.00 | 124.00 | 1.83 | 30 | 0.178 | 9000 | |
| 12.00 | 12.49 | 10 | 39.38 | 16 | H9 | 870-1200-10L16-3 | 16.00 | 53.10 | 103.00 | 42.00 | 1.90 | 10 | 0.151 | 33000 | 870-1240-10-PM |
| 12.00 | 12.49 | 10 | 64.36 | 16 | H9 | 870-1200-10L16-5 | 16.00 | 77.10 | 127.00 | 66.00 | 1.90 | 10 | 0.164 | 15000 | |
| 12.00 | 12.49 | 10 | 101.83 | 16 | H9 | 870-1200-10L16-8 | 16.00 | 116.10 | 166.00 | 105.00 | 1.90 | 15 | 0.180 | 12000 | |
| 12.00 | 12.49 | 10 | 126.81 | 16 | H10 | 870-1200-10L16-10 | 16.00 | 141.10 | 191.00 | 130.00 | 1.90 | 30 | 0.187 | 7000 | |
| 12.50 | 12.99 | 11 | 40.97 | 16 | H9 | 870-1250-11L16-3 | 16.00 | 54.02 | 104.00 | 43.00 | 1.98 | 10 | 0.154 | 33000 | 870-1290-11-PM |
| 12.50 | 12.99 | 11 | 66.95 | 16 | H9 | 870-1250-11L16-5 | 16.00 | 80.02 | 130.00 | 69.00 | 1.98 | 10 | 0.167 | 15000 | |
| 12.50 | 12.99 | 11 | 105.92 | 16 | H9 | 870-1250-11L16-8 | 16.00 | 119.02 | 169.00 | 108.00 | 1.98 | 15 | 0.185 | 10000 | |
| 12.50 | 12.99 | 11 | 131.90 | 16 | H10 | 870-1250-11L16-10 | 16.00 | 145.02 | 195.00 | 134.00 | 1.98 | 30 | 0.193 | 7000 | |
| 13.00 | 13.49 | 12 | 42.54 | 16 | H9 | 870-1300-12L16-3 | 16.00 | 55.94 | 106.00 | 45.00 | 2.06 | 10 | 0.157 | 33000 | 870-1340-12-PM |
| 13.00 | 13.49 | 12 | 69.52 | 16 | H9 | 870-1300-12L16-5 | 16.00 | 82.94 | 133.00 | 72.00 | 2.06 | 10 | 0.171 | 15000 | |
| 13.00 | 13.49 | 12 | 109.99 | 16 | H9 | 870-1300-12L16-8 | 16.00 | 123.94 | 174.00 | 113.00 | 2.06 | 15 | 0.187 | 9500 | |
| 13.00 | 13.49 | 12 | 136.97 | 16 | H10 | 870-1300-12L16-10 | 16.00 | 150.94 | 201.00 | 140.00 | 2.06 | 30 | 0.220 | 6500 | |
| 13.50 | 13.99 | 13 | 44.13 | 16 | H9 | 870-1350-13L16-3 | 16.00 | 57.86 | 108.00 | 47.00 | 2.14 | 10 | 0.159 | 33000 | 870-1390-13-PM |
| 13.50 | 13.99 | 13 | 72.11 | 16 | H9 | 870-1350-13L16-5 | 16.00 | 84.86 | 135.00 | 74.00 | 2.14 | 10 | 0.175 | 15000 | |
| 13.50 | 13.99 | 13 | 114.08 | 16 | H9 | 870-1350-13L16-8 | 16.00 | 127.86 | 178.00 | 117.00 | 2.14 | 15 | 0.200 | 9500 | |
| 13.50 | 13.99 | 13 | 142.06 | 16 | H10 | 870-1350-13L16-10 | 16.00 | 155.86 | 206.00 | 145.00 | 2.14 | 30 | 0.228 | 6500 | |
| 14.00 | 14.99 | 14 | 47.27 | 20 | H9 | 870-1400-14L20-3 | 20.00 | 63.72 | 116.00 | 50.00 | 2.28 | 10 | 0.227 | 33000 | 870-1490-14-PM |
| 14.00 | 14.99 | 14 | 77.25 | 20 | H9 | 870-1400-14L20-5 | 20.00 | 93.72 | 146.00 | 80.00 | 2.28 | 10 | 0.246 | 15000 | |
| 14.00 | 14.99 | 14 | 122.22 | 20 | H9 | 870-1400-14L20-8 | 20.00 | 138.72 | 191.00 | 125.00 | 2.28 | 15 | 0.269 | 9500 | |
| 14.00 | 14.99 | 14 | 152.20 | 20 | H10 | 870-1400-14L20-10 | 20.00 | 168.72 | 221.00 | 155.00 | 2.28 | 30 | 0.308 | 6500 | |
| 15.00 | 15.99 | 15 | 50.42 | 20 | H9 | 870-1500-15L20-3 | 20.00 | 66.56 | 119.00 | 53.00 | 2.44 | 10 | 0.233 | 33000 | 870-1590-15-PM |
| 15.00 | 15.99 | 15 | 82.40 | 20 | H9 | 870-1500-15L20-5 | 20.00 | 98.56 | 151.00 | 85.00 | 2.44 | 10 | 0.258 | 15000 | |
| 15.00 | 15.99 | 15 | 130.37 | 20 | H9 | 870-1500-15L20-8 | 20.00 | 146.56 | 199.00 | 133.00 | 2.44 | 15 | 0.310 | 8000 | |
| 15.00 | 15.99 | 15 | 162.35 | 20 | H10 | 870-1500-15L20-10 | 20.00 | 178.56 | 231.00 | 165.00 | 2.44 | 30 | 0.330 | 5000 | |
| 16.00 | 16.99 | 16 | 53.56 | 20 | H9 | 870-1600-16L20-3 | 20.00 | 69.42 | 122.00 | 56.00 | 2.58 | 10 | 0.241 | 33000 | 870-1690-16-PM |
| 16.00 | 16.99 | 16 | 87.54 | 20 | H9 | 870-1600-16L20-5 | 20.00 | 103.42 | 156.00 | 90.00 | 2.58 | 10 | 0.271 | 15000 | |
| 16.00 | 16.99 | 16 | 138.51 | 20 | H9 | 870-1600-16L20-8 | 20.00 | 154.42 | 207.00 | 141.00 | 2.58 | 15 | 0.330 | 8000 | |
| 16.00 | 16.99 | 16 | 172.49 | 20 | H10 | 870-1600-16L20-10 | 20.00 | 188.42 | 241.00 | 175.00 | 2.58 | 30 | 0.352 | 5000 | |
| 17.00 | 17.99 | 17 | 56.71 | 20 | H9 | 870-1700-17L20-3 | 20.00 | 73.27 | 126.00 | 59.00 | 2.73 | 10 | 0.244 | 30000 | 870-1790-17-PM |
| 17.00 | 17.99 | 17 | 92.69 | 20 | H9 | 870-1700-17L20-5 | 20.00 | 109.27 | 162.00 | 95.00 | 2.73 | 10 | 0.280 | 13500 | |
| 17.00 | 17.99 | 17 | 146.66 | 20 | H9 | 870-1700-17L20-8 | 20.00 | 163.27 | 216.00 | 149.00 | 2.73 | 15 | 0.338 | 8000 | |
| 17.00 | 17.99 | 17 | 182.64 | 20 | H10 | 870-1700-17L20-10 | 20.00 | 199.27 | 252.00 | 185.00 | 2.73 | 30 | 0.368 | 5000 | |
| 18.00 | 18.99 | 18 | 59.86 | 20 | H9 | 870-1800-18L20-3 | 20.00 | 76.13 | 129.00 | 62.00 | 2.87 | 10 | 0.259 | 30000 | 870-1890-18-PM |
| 18.00 | 18.99 | 18 | 97.84 | 20 | H9 | 870-1800-18L20-5 | 20.00 | 113.13 | 166.00 | 100.00 | 2.87 | 10 | 0.300 | 13500 | |
| 18.00 | 18.99 | 18 | 154.81 | 20 | H9 | 870-1800-18L20-8 | 20.00 | 171.13 | 224.00 | 157.00 | 2.87 | 15 | 0.369 | 8000 | |
| 18.00 | 18.99 | 18 | 192.79 | 20 | H10 | 870-1800-18L20-10 | 20.00 | 209.13 | 262.00 | 195.00 | 2.87 | 30 | 0.420 | 5000 | |
| 19.00 | 19.99 | 19 | 63.01 | 25 | H9 | 870-1900-19L25-3 | 25.00 | 82.98 | 142.00 | 66.00 | 3.02 | 10 | 0.413 | 30000 | 870-1990-19-PM |
| 19.00 | 19.99 | 19 | 102.99 | 25 | H9 | 870-1900-19L25-5 | 25.00 | 122.98 | 182.00 | 106.00 | 3.02 | 10 | 0.460 | 13500 | |
| 19.00 | 19.99 | 19 | 162.96 | 25 | H9 | 870-1900-19L25-8 | 25.00 | 182.98 | 242.00 | 166.00 | 3.02 | 15 | 0.560 | 7000 | |
| 19.00 | 19.99 | 19 | 202.94 | 25 | H10 | 870-1900-19L25-10 | 25.00 | 222.98 | 282.00 | 206.00 | 3.02 | 30 | 0.595 | 4500 | |
| 20.00 | 20.99 | 20 | 66.16 | 25 | H9 | 870-2000-20L25-3 | 25.00 | 86.83 | 146.00 | 69.00 | 3.17 | 10 | 0.434 | 21500 | 870-2090-20-PM |
| 20.00 | 20.99 | 20 | 108.14 | 25 | H9 | 870-2000-20L25-5 | 25.00 | 128.83 | 188.00 | 111.00 | 3.17 | 10 | 0.492 | 12000 | |
| 20.00 | 20.99 | 20 | 171.11 | 25 | H9 | 870-2000-20L25-8 | 25.00 | 191.83 | 251.00 | 174.00 | 3.17 | 15 | 0.591 | 7000 | |
| 20.00 | 20.99 | 20 | 213.09 | 25 | H10 | 870-2000-20L25-10 | 25.00 | 233.83 | 293.00 | 216.00 | 3.17 | 30 | 0.632 | 4500 | |

J8 L2 N23 N6 N15



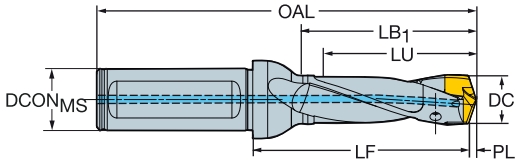
SANDVIK Coromant

# CoroDrill® 870 boor met verwisselbare boorpunt

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**





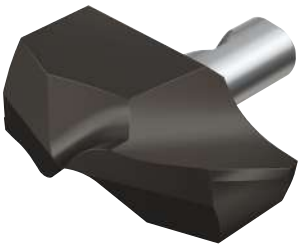

| | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | | LU | $CZC_{MS}$ | TCHA | **Bestelnummer** | $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | BAR | KG | RPMX | $MIID_P$ |
| 21.00 | 21.99 | 21 | 69.30 | 25 | H9 | **870-2100-21L25-3** | 25.00 | 89.68 | 149.00 | 72.00 | 3.32 | 10 | 0.450 | 21500 | 870-2190-21-PM |
| 21.00 | 21.99 | 21 | 113.28 | 25 | H9 | **870-2100-21L25-5** | 25.00 | 133.68 | 193.00 | 116.00 | 3.32 | 10 | 0.508 | 12000 | |
| 21.00 | 21.99 | 21 | 179.25 | 25 | H9 | **870-2100-21L25-8** | 25.00 | 199.68 | 259.00 | 182.00 | 3.32 | 15 | 0.627 | 7000 | |
| 21.00 | 21.99 | 21 | 223.23 | 25 | H10 | **870-2100-21L25-10** | 25.00 | 243.68 | 303.00 | 226.00 | 3.32 | 30 | 0.679 | 4500 | |
| 22.00 | 22.99 | 22 | 72.45 | 25 | H9 | **870-2200-22L25-3** | 25.00 | 93.53 | 153.00 | 76.00 | 3.47 | 10 | 0.470 | 21500 | 870-2290-22-PM |
| 22.00 | 22.99 | 22 | 118.43 | 25 | H9 | **870-2200-22L25-5** | 25.00 | 139.53 | 199.00 | 122.00 | 3.47 | 10 | 0.575 | 12000 | |
| 22.00 | 22.99 | 22 | 187.40 | 25 | H9 | **870-2200-22L25-8** | 25.00 | 208.53 | 268.00 | 191.00 | 3.47 | 15 | 0.675 | 7000 | |
| 22.00 | 22.99 | 22 | 233.38 | 25 | H10 | **870-2200-22L25-10** | 25.00 | 253.53 | 313.00 | 236.00 | 3.47 | 30 | 0.724 | 4500 | |
| 23.00 | 23.99 | 23 | 75.59 | 25 | H9 | **870-2300-23L25-3** | 25.00 | 97.39 | 157.00 | 79.00 | 3.61 | 10 | 0.485 | 21500 | 870-2390-23-PM |
| 23.00 | 23.99 | 23 | 123.57 | 25 | H9 | **870-2300-23L25-5** | 25.00 | 145.39 | 205.00 | 127.00 | 3.61 | 10 | 0.600 | 21500 | |
| 23.00 | 23.99 | 23 | 195.54 | 25 | H9 | **870-2300-23L25-8** | 25.00 | 217.39 | 277.00 | 199.00 | 3.61 | 15 | 0.706 | 6000 | |
| 23.00 | 23.99 | 23 | 243.52 | 25 | H10 | **870-2300-23L25-10** | 25.00 | 265.39 | 325.00 | 247.00 | 3.61 | 30 | 0.776 | 4000 | |
| 24.00 | 24.99 | 24 | 78.75 | 32 | H9 | **870-2400-24L32-3** | 32.00 | 104.23 | 168.00 | 82.00 | 3.77 | 10 | 0.728 | 16000 | 870-2490-24-PM |
| 24.00 | 24.99 | 24 | 128.73 | 32 | H9 | **870-2400-24L32-5** | 32.00 | 155.23 | 219.00 | 132.00 | 3.77 | 10 | 0.898 | 10500 | |
| 24.00 | 24.99 | 24 | 203.70 | 32 | H9 | **870-2400-24L32-8** | 32.00 | 229.23 | 293.00 | 207.00 | 3.77 | 15 | 1.033 | 6000 | |
| 24.00 | 24.99 | 24 | 253.68 | 32 | H10 | **870-2400-24L32-10** | 32.00 | 275.23 | 339.00 | 257.00 | 3.77 | 30 | 1.073 | 4000 | |
| 25.00 | 25.99 | 25 | 81.90 | 32 | H9 | **870-2500-25L32-3** | 32.00 | 107.09 | 171.00 | 85.00 | 3.91 | 10 | 0.818 | 16000 | 870-2590-25-PM |
| 25.00 | 25.99 | 25 | 133.88 | 32 | H9 | **870-2500-25L32-5** | 32.00 | 159.09 | 223.00 | 137.00 | 3.91 | 10 | 0.930 | 10500 | |
| 25.00 | 25.99 | 25 | 211.85 | 32 | H9 | **870-2500-25L32-8** | 32.00 | 237.09 | 301.00 | 215.00 | 3.91 | 15 | 1.085 | 6000 | |
| 25.00 | 25.99 | 25 | 263.83 | 32 | H10 | **870-2500-25L32-10** | 32.00 | 289.09 | 353.00 | 267.00 | 3.91 | 30 | 1.121 | 4000 | |
| 26.00 | 26.99 | 26 | 85.05 | 32 | H9 | **870-2600-26L32-3** | 32.00 | 111.97 | 176.00 | 89.00 | 4.03 | 10 | 0.838 | 16000 | 870-2665-26-PM |
| 26.00 | 26.99 | 26 | 139.03 | 32 | H9 | **870-2600-26L32-5** | 32.00 | 165.97 | 230.00 | 143.00 | 4.03 | 10 | 0.956 | 10500 | |
| 26.00 | 26.99 | 26 | 220.00 | 32 | H9 | **870-2600-26L32-8** | 32.00 | 245.97 | 310.00 | 223.00 | 4.03 | 15 | 1.085 | 6000 | |
| 26.00 | 26.99 | 26 | 273.98 | 32 | H10 | **870-2600-26L32-10** | 32.00 | 299.97 | 364.00 | 277.00 | 4.03 | 10 | 1.269 | 3500 | |
| 27.00 | 27.99 | 27 | 88.21 | 32 | H9 | **870-2700-27L32-3** | 32.00 | 113.86 | 178.00 | 92.00 | 4.14 | 10 | 0.851 | 16000 | 870-2750-27-PM |
| 27.00 | 27.99 | 27 | 144.19 | 32 | H9 | **870-2700-27L32-5** | 32.00 | 170.86 | 235.00 | 148.00 | 4.14 | 10 | 0.997 | 10500 | |
| 27.00 | 27.99 | 27 | 228.16 | 32 | H9 | **870-2700-27L32-8** | 32.00 | 253.86 | 318.00 | 232.00 | 4.14 | 10 | 1.163 | 5000 | |
| 28.00 | 28.99 | 28 | 91.36 | 32 | H9 | **870-2800-28L32-3** | 32.00 | 116.68 | 181.00 | 95.00 | 4.32 | 10 | 0.906 | 16000 | 870-2858-28-PM |
| 28.00 | 28.99 | 28 | 149.34 | 32 | H9 | **870-2800-28L32-5** | 32.00 | 174.68 | 239.00 | 153.00 | 4.32 | 10 | 1.056 | 10500 | |
| 28.00 | 28.99 | 28 | 236.31 | 32 | H9 | **870-2800-28L32-8** | 32.00 | 261.68 | 326.00 | 240.00 | 4.32 | 10 | 1.249 | 5000 | |
| 29.00 | 29.99 | 29 | 94.50 | 32 | H9 | **870-2900-29L32-3** | 32.00 | 119.52 | 184.00 | 98.00 | 4.48 | 10 | 0.922 | 16000 | 870-2965-29-PM |
| 29.00 | 29.99 | 29 | 154.48 | 32 | H9 | **870-2900-29L32-5** | 32.00 | 180.52 | 245.00 | 158.00 | 4.48 | 10 | 1.098 | 10500 | |
| 29.00 | 29.99 | 29 | 244.45 | 32 | H9 | **870-2900-29L32-8** | 32.00 | 269.52 | 334.00 | 248.00 | 4.48 | 10 | 1.314 | 5000 | |
| 30.00 | 30.99 | 30 | 97.65 | 32 | H9 | **870-3000-30L32-3** | 32.00 | 123.40 | 188.00 | 102.00 | 4.60 | 10 | 0.961 | 16000 | 870-3050-30-PM |
| 30.00 | 30.99 | 30 | 159.63 | 32 | H9 | **870-3000-30L32-5** | 32.00 | 186.40 | 251.00 | 164.00 | 4.60 | 10 | 1.150 | 9500 | |
| 30.00 | 30.99 | 30 | 252.60 | 32 | H9 | **870-3000-30L32-8** | 32.00 | 277.40 | 342.00 | 256.00 | 4.60 | 10 | 1.415 | 4000 | |
| 31.00 | 33.00 | 31 | 104.09 | 32 | H9 | **870-3100-31L32-3** | 32.00 | 128.92 | 194.00 | 108.00 | 5.08 | 10 | 1.008 | 16000 | 870-3300-31-PM |
| 31.00 | 33.00 | 31 | 170.09 | 32 | H9 | **870-3100-31L32-5** | 32.00 | 194.92 | 260.00 | 174.00 | 5.08 | 10 | 1.233 | 9500 | |
| 31.00 | 33.00 | 31 | 269.09 | 32 | H9 | **870-3100-31L32-8** | 32.00 | 293.92 | 359.00 | 273.00 | 5.08 | 10 | 1.555 | 4000 | |

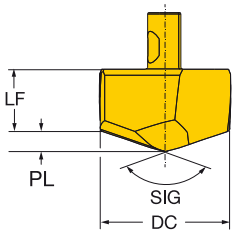
| | Reserve onderdelen | | Reserve onderdelen |
|---|---|---|---|
| | Wisselplaat-schroef | | Wisselplaat-schroef |
| 6 | 5513 031-15 | 19 | 5513 031-13 |
| 7 | 5513 031-15 | 20 | 5513 031-14 |
| 8 | 5513 031-15 | 21 | 5513 031-14 |
| 9 | 5513 031-15 | 22 | 5513 031-14 |
| 10 | 5513 031-12 | 23 | 5513 031-14 |
| 11 | 5513 031-12 | 24 | 5513 031-16 |
| 12 | 5513 031-12 | 25 | 5513 031-16 |
| 13 | 5513 031-12 | 26 | 5513 031-16 |
| 14 | 5513 031-12 | 27 | 5513 031-16 |
| 15 | 5513 031-12 | 28 | 5513 031-17 |
| 16 | 5513 031-13 | 29 | 5513 031-17 |
| 17 | 5513 031-13 | 30 | 5513 031-17 |
| 18 | 5513 031-13 | 31 | 5513 031-17 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

J8 L2 N23 N6 N15

# CoroDrill® 870 boorpunt





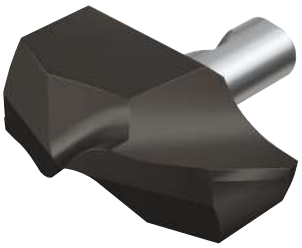

| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 10.00 | 6 | 870-1000-6-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.7 | 1.5 | 142° | H9 |
| 10.00 | | 870-1000-6-MM | | | ★ | | | | | ☆ | | 4.7 | 1.5 | 142° | H9 |
| 10.00 | | 870-1000-6-KM | ☆ | | | | ★ | | | | | 4.4 | 1.8 | 142° | H9 |
| 10.00 | | 870-1000-6-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.6 | 1.1 | 152° | F9 |
| 10.10 | | 870-1010-6-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.7 | 1.6 | 142° | H9 |
| 10.10 | | 870-1010-6-MM | | | ★ | | | | | ☆ | | 4.7 | 1.6 | 142° | H9 |
| 10.10 | | 870-1010-6-KM | ☆ | | | | ★ | | | | | 4.4 | 1.8 | 142° | H9 |
| 10.10 | | 870-1010-6-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.6 | 1.1 | 152° | F9 |
| 10.20 | | 870-1020-6-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.6 | 1.6 | 142° | H9 |
| 10.20 | | 870-1020-6-MM | | | ★ | | | | | ☆ | | 4.6 | 1.6 | 142° | H9 |
| 10.20 | | 870-1020-6-KM | ☆ | | | | ★ | | | | | 4.3 | 1.9 | 142° | H9 |
| 10.20 | | 870-1020-6-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.6 | 1.1 | 152° | F9 |
| 10.30 | | 870-1030-6-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.6 | 1.6 | 142° | H9 |
| 10.30 | | 870-1030-6-MM | | | ★ | | | | | ☆ | | 4.6 | 1.6 | 142° | H9 |
| 10.30 | | 870-1030-6-KM | ☆ | | | | ★ | | | | | 4.3 | 1.9 | 142° | H9 |
| 10.30 | | 870-1030-6-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.6 | 1.1 | 152° | F9 |
| 10.40 | | 870-1040-6-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.6 | 1.6 | 142° | H9 |
| 10.40 | | 870-1040-6-MM | | | ★ | | | | | ☆ | | 4.6 | 1.6 | 142° | H9 |
| 10.40 | | 870-1040-6-KM | ☆ | | | | ★ | | | | | 4.3 | 1.9 | 142° | H9 |
| 10.40 | | 870-1040-6-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.6 | 1.1 | 152° | F9 |
| 10.50 | 7 | 870-1050-7-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.6 | 1.6 | 142° | H9 |
| 10.50 | | 870-1050-7-MM | | | ★ | | | | | ☆ | | 4.6 | 1.6 | 142° | H9 |
| 10.50 | | 870-1050-7-KM | ☆ | | | | ★ | | | | | 4.3 | 1.9 | 142° | H9 |
| 10.50 | | 870-1050-7-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.6 | 1.2 | 152° | F9 |
| 10.60 | | 870-1060-7-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.6 | 1.6 | 142° | H9 |
| 10.60 | | 870-1060-7-MM | | | ★ | | | | | ☆ | | 4.6 | 1.6 | 142° | H9 |
| 10.60 | | 870-1060-7-KM | ☆ | | | | ★ | | | | | 4.3 | 1.9 | 142° | H9 |
| 10.60 | | 870-1060-7-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.6 | 1.2 | 152° | F9 |
| 10.70 | | 870-1070-7-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.6 | 1.7 | 142° | H9 |
| 10.70 | | 870-1070-7-MM | | | ★ | | | | | ☆ | | 4.6 | 1.7 | 142° | H9 |
| 10.70 | | 870-1070-7-KM | ☆ | | | | ★ | | | | | 4.3 | 1.9 | 142° | H9 |
| 10.70 | | 870-1070-7-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.5 | 1.2 | 152° | F9 |
| 10.80 | | 870-1080-7-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.5 | 1.7 | 142° | H9 |
| 10.80 | | 870-1080-7-MM | | | ★ | | | | | ☆ | | 4.5 | 1.7 | 142° | H9 |
| 10.80 | | 870-1080-7-KM | ☆ | | | | ★ | | | | | 4.3 | 2.0 | 142° | H9 |
| 10.80 | | 870-1080-7-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.5 | 1.2 | 152° | F9 |
| 10.90 | | 870-1090-7-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 4.5 | 1.7 | 142° | H9 |
| 10.90 | | 870-1090-7-MM | | | ★ | | | | | ☆ | | 4.5 | 1.7 | 142° | H9 |
| 10.90 | | 870-1090-7-KM | ☆ | | | | ★ | | | | | 4.2 | 2.0 | 142° | H9 |
| 10.90 | | 870-1090-7-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 4.5 | 1.2 | 152° | F9 |

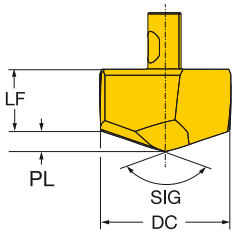
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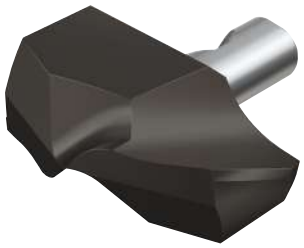


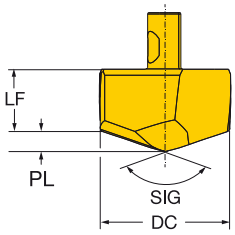



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 11.00 | 8 | 870-1100-8-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.2 | 1.7 | 142° | H9 |
| 11.00 | | 870-1100-8-MM | | | ★ | | | | | ☆ | | 5.2 | 1.7 | 142° | H9 |
| 11.00 | | 870-1100-8-KM | ☆ | | | | ★ | | | | | 4.9 | 2.0 | 142° | H9 |
| 11.00 | | 870-1100-8-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.2 | 152° | F9 |
| 11.10 | | 870-1110-8-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.2 | 1.7 | 142° | H9 |
| 11.10 | | 870-1110-8-MM | | | ★ | | | | | ☆ | | 5.2 | 1.7 | 142° | H9 |
| 11.10 | | 870-1110-8-KM | ☆ | | | | ★ | | | | | 4.9 | 2.0 | 142° | H9 |
| 11.10 | | 870-1110-8-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.2 | 152° | F9 |
| 11.11 | | 870-1111-8-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.2 | 1.7 | 142° | H9 |
| 11.11 | | 870-1111-8-MM | | | ★ | | | | | ☆ | | 5.2 | 1.7 | 142° | H9 |
| 11.11 | | 870-1111-8-KM | ☆ | | | | ★ | | | | | 4.9 | 2.0 | 142° | H9 |
| 11.11 | | 870-1111-8-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.2 | 152° | F9 |
| 11.20 | | 870-1120-8-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.2 | 1.7 | 142° | H9 |
| 11.20 | | 870-1120-8-MM | | | ★ | | | | | ☆ | | 5.2 | 1.7 | 142° | H9 |
| 11.20 | | 870-1120-8-KM | ☆ | | | | ★ | | | | | 4.9 | 2.0 | 142° | H9 |
| 11.20 | | 870-1120-8-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.2 | 152° | F9 |
| 11.30 | | 870-1130-8-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.2 | 1.7 | 142° | H9 |
| 11.30 | | 870-1130-8-MM | | | ★ | | | | | ☆ | | 5.2 | 1.7 | 142° | H9 |
| 11.30 | | 870-1130-8-KM | ☆ | | | | ★ | | | | | 4.9 | 2.0 | 142° | H9 |
| 11.30 | | 870-1130-8-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.2 | 152° | F9 |
| 11.40 | | 870-1140-8-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.2 | 1.8 | 142° | H9 |
| 11.40 | | 870-1140-8-MM | | | ★ | | | | | ☆ | | 5.2 | 1.8 | 142° | H9 |
| 11.40 | | 870-1140-8-KM | ☆ | | | | ★ | | | | | 4.9 | 2.0 | 142° | H9 |
| 11.40 | | 870-1140-8-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.2 | 152° | F9 |
| 11.50 | 9 | 870-1150-9-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.1 | 1.8 | 142° | H9 |
| 11.50 | | 870-1150-9-MM | | | ★ | | | | | ☆ | | 5.1 | 1.8 | 142° | H9 |
| 11.50 | | 870-1150-9-KM | ☆ | | | | ★ | | | | | 4.8 | 2.1 | 142° | H9 |
| 11.50 | | 870-1150-9-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.2 | 152° | F9 |
| 11.60 | | 870-1160-9-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.1 | 1.8 | 142° | H9 |
| 11.60 | | 870-1160-9-MM | | | ★ | | | | | ☆ | | 5.1 | 1.8 | 142° | H9 |
| 11.60 | | 870-1160-9-KM | ☆ | | | | ★ | | | | | 4.8 | 2.1 | 142° | H9 |
| 11.60 | | 870-1160-9-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.2 | 1.3 | 152° | F9 |
| 11.70 | | 870-1170-9-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.1 | 1.8 | 142° | H9 |
| 11.70 | | 870-1170-9-MM | | | ★ | | | | | ☆ | | 5.1 | 1.8 | 142° | H9 |
| 11.70 | | 870-1170-9-KM | ☆ | | | | ★ | | | | | 4.8 | 2.2 | 142° | H9 |
| 11.70 | | 870-1170-9-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.1 | 1.3 | 152° | F9 |
| 11.80 | | 870-1180-9-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.1 | 1.8 | 142° | H9 |
| 11.80 | | 870-1180-9-MM | | | ★ | | | | | ☆ | | 5.1 | 1.8 | 142° | H9 |
| 11.80 | | 870-1180-9-KM | ☆ | | | | ★ | | | | | 4.7 | 2.2 | 142° | H9 |
| 11.80 | | 870-1180-9-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.1 | 1.3 | 152° | F9 |
| 11.90 | | 870-1190-9-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.1 | 1.8 | 142° | H9 |
| 11.90 | | 870-1190-9-MM | | | ★ | | | | | ☆ | | 5.1 | 1.8 | 142° | H9 |
| 11.90 | | 870-1190-9-KM | ☆ | | | | ★ | | | | | 4.7 | 2.2 | 142° | H9 |
| 11.90 | | 870-1190-9-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.1 | 1.3 | 152° | F9 |

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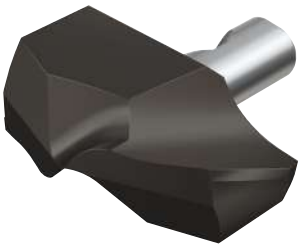

| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 12.00 | 10 | 870-1200-10-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.7 | 1.8 | 142° | H9 |
| 12.00 | | 870-1200-10-MM | | | ★ | | | | | ☆ | | 5.7 | 1.8 | 142° | H9 |
| 12.00 | | 870-1200-10-KM | ☆ | | | | ★ | | | | | 5.3 | 2.2 | 142° | H9 |
| 12.00 | | 870-1200-10-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.7 | 1.3 | 152° | F9 |
| 12.10 | | 870-1210-10-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.7 | 1.9 | 142° | H9 |
| 12.10 | | 870-1210-10-MM | | | ★ | | | | | ☆ | | 5.7 | 1.9 | 142° | H9 |
| 12.10 | | 870-1210-10-KM | ☆ | | | | ★ | | | | | 5.3 | 2.2 | 142° | H9 |
| 12.10 | | 870-1210-10-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.7 | 1.3 | 152° | F9 |
| 12.20 | | 870-1220-10-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.6 | 1.9 | 142° | H9 |
| 12.20 | | 870-1220-10-MM | | | ★ | | | | | ☆ | | 5.6 | 1.9 | 142° | H9 |
| 12.20 | | 870-1220-10-KM | ☆ | | | | ★ | | | | | 5.3 | 2.2 | 142° | H9 |
| 12.20 | | 870-1220-10-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.7 | 1.3 | 152° | F9 |
| 12.30 | | 870-1230-10-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.6 | 1.9 | 142° | H9 |
| 12.30 | | 870-1230-10-MM | | | ★ | | | | | ☆ | | 5.6 | 1.9 | 142° | H9 |
| 12.30 | | 870-1230-10-KM | ☆ | | | | ★ | | | | | 5.3 | 2.2 | 142° | H9 |
| 12.30 | | 870-1230-10-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.7 | 1.3 | 152° | F9 |
| 12.40 | | 870-1240-10-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.6 | 1.9 | 142° | H9 |
| 12.40 | | 870-1240-10-MM | | | ★ | | | | | ☆ | | 5.6 | 1.9 | 142° | H9 |
| 12.40 | | 870-1240-10-KM | ☆ | | | | ★ | | | | | 5.3 | 2.3 | 142° | H9 |
| 12.40 | | 870-1240-10-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.7 | 1.3 | 152° | F9 |
| 12.50 | 11 | 870-1250-11-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.6 | 1.9 | 142° | H9 |
| 12.50 | | 870-1250-11-MM | | | ★ | | | | | ☆ | | 5.6 | 1.9 | 142° | H9 |
| 12.50 | | 870-1250-11-KM | ☆ | | | | ★ | | | | | 5.2 | 2.3 | 142° | H9 |
| 12.50 | | 870-1250-11-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.7 | 1.3 | 152° | F9 |
| 12.60 | | 870-1260-11-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.6 | 1.9 | 142° | H9 |
| 12.60 | | 870-1260-11-MM | | | ★ | | | | | ☆ | | 5.6 | 1.9 | 142° | H9 |
| 12.60 | | 870-1260-11-KM | ☆ | | | | ★ | | | | | 5.2 | 2.3 | 142° | H9 |
| 12.60 | | 870-1260-11-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.6 | 1.4 | 152° | F9 |
| 12.70 | | 870-1270-11-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.6 | 2.0 | 142° | H9 |
| 12.70 | | 870-1270-11-MM | | | ★ | | | | | ☆ | | 5.6 | 2.0 | 142° | H9 |
| 12.70 | | 870-1270-11-KM | ☆ | | | | ★ | | | | | 5.2 | 2.3 | 142° | H9 |
| 12.70 | | 870-1270-11-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.6 | 1.4 | 152° | F9 |
| 12.80 | | 870-1280-11-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.5 | 2.0 | 142° | H9 |
| 12.80 | | 870-1280-11-MM | | | ★ | | | | | ☆ | | 5.5 | 2.0 | 142° | H9 |
| 12.80 | | 870-1280-11-KM | ☆ | | | | ★ | | | | | 5.2 | 2.3 | 142° | H9 |
| 12.80 | | 870-1280-11-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.6 | 1.4 | 152° | F9 |
| 12.90 | | 870-1290-11-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.5 | 2.0 | 142° | H9 |
| 12.90 | | 870-1290-11-MM | | | ★ | | | | | ☆ | | 5.5 | 2.0 | 142° | H9 |
| 12.90 | | 870-1290-11-KM | ☆ | | | | ★ | | | | | 5.2 | 2.3 | 142° | H9 |
| 12.90 | | 870-1290-11-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 5.6 | 1.4 | 152° | F9 |

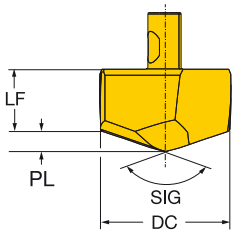
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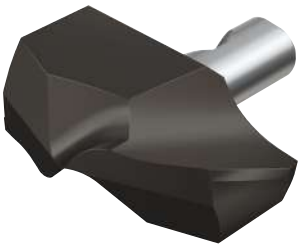


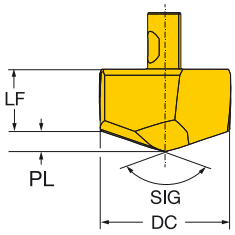



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 13.00 | 12 | 870-1300-12-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.0 | 2.0 | 142° | H9 |
| 13.00 | | 870-1300-12-PL | | ☆ | | ★ | | | | | | 5.4 | 2.6 | 142° | H9 |
| 13.00 | | 870-1300-12-MM | | | ★ | | | | | ☆ | | 6.0 | 2.0 | 142° | H9 |
| 13.00 | | 870-1300-12-KM | ☆ | | | | ★ | | | | | 5.6 | 2.4 | 142° | H9 |
| 13.00 | | 870-1300-12-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.1 | 1.4 | 152° | F9 |
| 13.10 | | 870-1310-12-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.0 | 2.0 | 142° | H9 |
| 13.10 | | 870-1310-12-MM | | | ★ | | | | | ☆ | | 6.0 | 2.0 | 142° | H9 |
| 13.10 | | 870-1310-12-KM | ☆ | | | | ★ | | | | | 5.6 | 2.4 | 142° | H9 |
| 13.10 | | 870-1310-12-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.1 | 1.4 | 152° | F9 |
| 13.20 | | 870-1320-12-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.0 | 2.0 | 142° | H9 |
| 13.20 | | 870-1320-12-MM | | | ★ | | | | | ☆ | | 6.0 | 2.0 | 142° | H9 |
| 13.20 | | 870-1320-12-KM | ☆ | | | | ★ | | | | | 5.6 | 2.5 | 142° | H9 |
| 13.20 | | 870-1320-12-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.1 | 1.4 | 152° | F9 |
| 13.30 | | 870-1330-12-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.0 | 2.0 | 142° | H9 |
| 13.30 | | 870-1330-12-MM | | | ★ | | | | | ☆ | | 6.0 | 2.0 | 142° | H9 |
| 13.30 | | 870-1330-12-KM | ☆ | | | | ★ | | | | | 5.5 | 2.5 | 142° | H9 |
| 13.30 | | 870-1330-12-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.1 | 1.4 | 152° | F9 |
| 13.40 | | 870-1340-12-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.9 | 2.1 | 142° | H9 |
| 13.40 | | 870-1340-12-MM | | | ★ | | | | | ☆ | | 5.9 | 2.1 | 142° | H9 |
| 13.40 | | 870-1340-12-KM | ☆ | | | | ★ | | | | | 5.5 | 2.5 | 142° | H9 |
| 13.40 | | 870-1340-12-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.1 | 1.4 | 152° | F9 |
| 13.50 | 13 | 870-1350-13-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.9 | 2.1 | 142° | H9 |
| 13.50 | | 870-1350-13-MM | | | ★ | | | | | ☆ | | 5.9 | 2.1 | 142° | H9 |
| 13.50 | | 870-1350-13-KM | ☆ | | | | ★ | | | | | 5.5 | 2.5 | 142° | H9 |
| 13.50 | | 870-1350-13-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.1 | 1.5 | 152° | F9 |
| 13.60 | | 870-1360-13-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.9 | 2.1 | 142° | H9 |
| 13.60 | | 870-1360-13-MM | | | ★ | | | | | ☆ | | 5.9 | 2.1 | 142° | H9 |
| 13.60 | | 870-1360-13-KM | ☆ | | | | ★ | | | | | 5.5 | 2.5 | 142° | H9 |
| 13.60 | | 870-1360-13-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.0 | 1.5 | 152° | F9 |
| 13.70 | | 870-1370-13-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.9 | 2.1 | 142° | H9 |
| 13.70 | | 870-1370-13-MM | | | ★ | | | | | ☆ | | 5.9 | 2.1 | 142° | H9 |
| 13.70 | | 870-1370-13-KM | ☆ | | | | ★ | | | | | 5.5 | 2.5 | 142° | H9 |
| 13.70 | | 870-1370-13-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.0 | 1.5 | 152° | F9 |
| 13.80 | | 870-1380-13-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.9 | 2.1 | 142° | H9 |
| 13.80 | | 870-1380-13-MM | | | ★ | | | | | ☆ | | 5.9 | 2.1 | 142° | H9 |
| 13.80 | | 870-1380-13-KM | ☆ | | | | ★ | | | | | 5.5 | 2.6 | 142° | H9 |
| 13.80 | | 870-1380-13-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.0 | 1.5 | 152° | F9 |
| 13.90 | | 870-1390-13-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 5.9 | 2.1 | 142° | H9 |
| 13.90 | | 870-1390-13-MM | | | ★ | | | | | ☆ | | 5.9 | 2.1 | 142° | H9 |
| 13.90 | | 870-1390-13-KM | ☆ | | | | ★ | | | | | 5.4 | 2.6 | 142° | H9 |
| 13.90 | | 870-1390-13-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.0 | 1.5 | 152° | F9 |

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# CoroDrill® 870 boorpunt





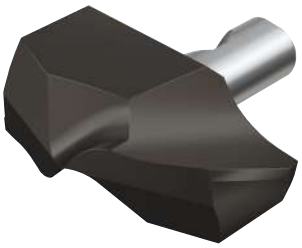

| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 14.00 | 14 | 870-1400-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.6 | 2.1 | 142° | H9 |
| 14.00 | | 870-1400-14-MM | | | ★ | | | | | ☆ | | 6.6 | 2.1 | 142° | H9 |
| 14.00 | | 870-1400-14-KM | ☆ | | | | ★ | | | | | 6.1 | 2.6 | 142° | H9 |
| 14.00 | | 870-1400-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.7 | 1.5 | 152° | F9 |
| 14.10 | | 870-1410-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.6 | 2.2 | 142° | H9 |
| 14.10 | | 870-1410-14-MM | | | ★ | | | | | ☆ | | 6.6 | 2.2 | 142° | H9 |
| 14.10 | | 870-1410-14-KM | ☆ | | | | ★ | | | | | 6.1 | 2.6 | 142° | H9 |
| 14.10 | | 870-1410-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.7 | 1.5 | 152° | F9 |
| 14.20 | | 870-1420-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.5 | 2.2 | 142° | H9 |
| 14.20 | | 870-1420-14-MM | | | ★ | | | | | ☆ | | 6.5 | 2.2 | 142° | H9 |
| 14.20 | | 870-1420-14-KM | ☆ | | | | ★ | | | | | 6.1 | 2.6 | 142° | H9 |
| 14.20 | | 870-1420-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.7 | 1.5 | 152° | F9 |
| 14.29 | | 870-1429-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.5 | 2.2 | 142° | H9 |
| 14.29 | | 870-1429-14-MM | | | ★ | | | | | ☆ | | 6.5 | 2.2 | 142° | H9 |
| 14.29 | | 870-1429-14-KM | ☆ | | | | ★ | | | | | 6.1 | 2.6 | 142° | H9 |
| 14.29 | | 870-1429-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.7 | 1.5 | 152° | F9 |
| 14.30 | | 870-1430-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.5 | 2.2 | 142° | H9 |
| 14.30 | | 870-1430-14-MM | | | ★ | | | | | ☆ | | 6.5 | 2.2 | 142° | H9 |
| 14.30 | | 870-1430-14-KM | ☆ | | | | ★ | | | | | 6.1 | 2.6 | 142° | H9 |
| 14.30 | | 870-1430-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.7 | 1.5 | 152° | F9 |
| 14.40 | | 870-1440-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.5 | 2.2 | 142° | H9 |
| 14.40 | | 870-1440-14-MM | | | ★ | | | | | ☆ | | 6.5 | 2.2 | 142° | H9 |
| 14.40 | | 870-1440-14-KM | ☆ | | | | ★ | | | | | 6.1 | 2.6 | 142° | H9 |
| 14.40 | | 870-1440-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.7 | 1.5 | 152° | F9 |
| 14.50 | | 870-1450-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.5 | 2.2 | 142° | H9 |
| 14.50 | | 870-1450-14-MM | | | ★ | | | | | ☆ | | 6.5 | 2.2 | 142° | H9 |
| 14.50 | | 870-1450-14-KM | ☆ | | | | ★ | | | | | 6.1 | 2.6 | 142° | H9 |
| 14.50 | | 870-1450-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.7 | 1.6 | 152° | F9 |
| 14.60 | | 870-1460-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.5 | 2.2 | 142° | H9 |
| 14.60 | | 870-1460-14-MM | | | ★ | | | | | ☆ | | 6.5 | 2.2 | 142° | H9 |
| 14.60 | | 870-1460-14-KM | ☆ | | | | ★ | | | | | 6.0 | 2.7 | 142° | H9 |
| 14.60 | | 870-1460-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.6 | 1.6 | 152° | F9 |
| 14.70 | | 870-1470-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.5 | 2.3 | 142° | H9 |
| 14.70 | | 870-1470-14-MM | | | ★ | | | | | ☆ | | 6.5 | 2.3 | 142° | H9 |
| 14.70 | | 870-1470-14-KM | ☆ | | | | ★ | | | | | 6.0 | 2.7 | 142° | H9 |
| 14.70 | | 870-1470-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.6 | 1.6 | 152° | F9 |
| 14.80 | | 870-1480-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.4 | 2.3 | 142° | H9 |
| 14.80 | | 870-1480-14-MM | | | ★ | | | | | ☆ | | 6.4 | 2.3 | 142° | H9 |
| 14.80 | | 870-1480-14-KM | ☆ | | | | ★ | | | | | 6.0 | 2.7 | 142° | H9 |
| 14.80 | | 870-1480-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.6 | 1.6 | 152° | F9 |
| 14.90 | | 870-1490-14-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.4 | 2.3 | 142° | H9 |
| 14.90 | | 870-1490-14-MM | | | ★ | | | | | ☆ | | 6.4 | 2.3 | 142° | H9 |
| 14.90 | | 870-1490-14-KM | ☆ | | | | ★ | | | | | 6.0 | 2.7 | 142° | H9 |
| 14.90 | | 870-1490-14-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 6.6 | 1.6 | 152° | F9 |

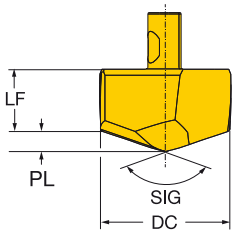
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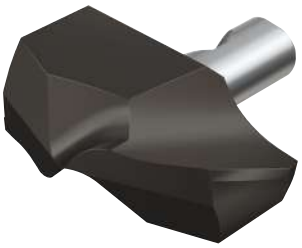


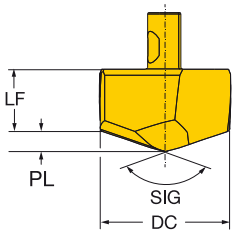



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 15.00 | 15 | 870-1500-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.0 | 2.3 | 142° | H9 |
| 15.00 | | 870-1500-15-MM | | | ★ | | | | | ☆ | | 7.0 | 2.3 | 142° | H9 |
| 15.00 | | 870-1500-15-KM | ☆ | | | | ★ | | | | | 6.5 | 2.8 | 142° | H9 |
| 15.00 | | 870-1500-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.2 | 1.6 | 152° | F9 |
| 15.10 | | 870-1510-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.0 | 2.3 | 142° | H9 |
| 15.10 | | 870-1510-15-MM | | | ★ | | | | | ☆ | | 7.0 | 2.3 | 142° | H9 |
| 15.10 | | 870-1510-15-KM | ☆ | | | | ★ | | | | | 6.5 | 2.8 | 142° | H9 |
| 15.10 | | 870-1510-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.2 | 1.6 | 152° | F9 |
| 15.20 | | 870-1520-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.0 | 2.3 | 142° | H9 |
| 15.20 | | 870-1520-15-MM | | | ★ | | | | | ☆ | | 7.0 | 2.3 | 142° | H9 |
| 15.20 | | 870-1520-15-KM | ☆ | | | | ★ | | | | | 6.5 | 2.8 | 142° | H9 |
| 15.20 | | 870-1520-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.2 | 1.6 | 152° | F9 |
| 15.30 | | 870-1530-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.0 | 2.3 | 142° | H9 |
| 15.30 | | 870-1530-15-MM | | | ★ | | | | | ☆ | | 7.0 | 2.3 | 142° | H9 |
| 15.30 | | 870-1530-15-KM | ☆ | | | | ★ | | | | | 6.5 | 2.8 | 142° | H9 |
| 15.30 | | 870-1530-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.2 | 1.6 | 152° | F9 |
| 15.40 | | 870-1540-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.0 | 2.4 | 142° | H9 |
| 15.40 | | 870-1540-15-MM | | | ★ | | | | | ☆ | | 7.0 | 2.4 | 142° | H9 |
| 15.40 | | 870-1540-15-KM | ☆ | | | | ★ | | | | | 6.5 | 2.9 | 142° | H9 |
| 15.40 | | 870-1540-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.2 | 1.6 | 152° | F9 |
| 15.50 | | 870-1550-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.9 | 2.4 | 142° | H9 |
| 15.50 | | 870-1550-15-MM | | | ★ | | | | | ☆ | | 6.9 | 2.4 | 142° | H9 |
| 15.50 | | 870-1550-15-KM | ☆ | | | | ★ | | | | | 6.4 | 2.9 | 142° | H9 |
| 15.50 | | 870-1550-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.2 | 1.7 | 152° | F9 |
| 15.60 | | 870-1560-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.9 | 2.4 | 142° | H9 |
| 15.60 | | 870-1560-15-MM | | | ★ | | | | | ☆ | | 6.9 | 2.4 | 142° | H9 |
| 15.60 | | 870-1560-15-KM | ☆ | | | | ★ | | | | | 6.4 | 2.9 | 142° | H9 |
| 15.60 | | 870-1560-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.1 | 1.7 | 152° | F9 |
| 15.70 | | 870-1570-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.9 | 2.4 | 142° | H9 |
| 15.70 | | 870-1570-15-MM | | | ★ | | | | | ☆ | | 6.9 | 2.4 | 142° | H9 |
| 15.70 | | 870-1570-15-KM | ☆ | | | | ★ | | | | | 6.4 | 2.9 | 142° | H9 |
| 15.70 | | 870-1570-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.1 | 1.7 | 152° | F9 |
| 15.80 | | 870-1580-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.9 | 2.4 | 142° | H9 |
| 15.80 | | 870-1580-15-MM | | | ★ | | | | | ☆ | | 6.9 | 2.4 | 142° | H9 |
| 15.80 | | 870-1580-15-KM | ☆ | | | | ★ | | | | | 6.4 | 2.9 | 142° | H9 |
| 15.80 | | 870-1580-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.1 | 1.7 | 152° | F9 |
| 15.88 | | 870-1588-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.9 | 2.4 | 142° | H9 |
| 15.88 | | 870-1588-15-PL | | ☆ | | ★ | | | | | | 6.0 | 3.3 | 142° | H9 |
| 15.88 | | 870-1588-15-MM | | | ★ | | | | | ☆ | | 6.9 | 2.4 | 142° | H9 |
| 15.88 | | 870-1588-15-KM | ☆ | | | | ★ | | | | | 6.4 | 2.9 | 142° | H9 |
| 15.88 | | 870-1588-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.1 | 1.7 | 152° | F9 |
| 15.90 | | 870-1590-15-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 6.9 | 2.4 | 142° | H9 |
| 15.90 | | 870-1590-15-MM | | | ★ | | | | | ☆ | | 6.9 | 2.4 | 142° | H9 |
| 15.90 | | 870-1590-15-KM | ☆ | | | | ★ | | | | | 6.4 | 2.9 | 142° | H9 |
| 15.90 | | 870-1590-15-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.1 | 1.7 | 152° | F9 |

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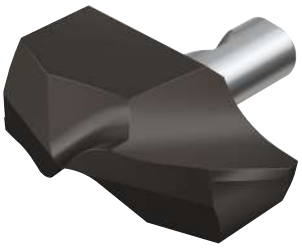

| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 16.00 | 16 | 870-1600-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.6 | 2.4 | 142° | H9 |
| 16.00 | | 870-1600-16-MM | | | ★ | | | | | ☆ | | 7.6 | 2.4 | 142° | H9 |
| 16.00 | | 870-1600-16-KM | ☆ | | | | ★ | | | | | 7.0 | 3.0 | 142° | H9 |
| 16.00 | | 870-1600-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.8 | 1.7 | 152° | F9 |
| 16.10 | | 870-1610-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.6 | 2.4 | 142° | H9 |
| 16.10 | | 870-1610-16-MM | | | ★ | | | | | ☆ | | 7.6 | 2.4 | 142° | H9 |
| 16.10 | | 870-1610-16-KM | ☆ | | | | ★ | | | | | 7.0 | 3.0 | 142° | H9 |
| 16.10 | | 870-1610-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.8 | 1.7 | 152° | F9 |
| 16.13 | | 870-1613-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.6 | 2.5 | 142° | H9 |
| 16.13 | | 870-1613-16-PL | | ☆ | | ★ | | | | | | 6.7 | 3.3 | 142° | H9 |
| 16.13 | | 870-1613-16-MM | | | ★ | | | | | ☆ | | 7.6 | 2.5 | 142° | H9 |
| 16.13 | | 870-1613-16-KM | ☆ | | | | ★ | | | | | 7.0 | 3.0 | 142° | H9 |
| 16.13 | | 870-1613-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.8 | 1.7 | 152° | F9 |
| 16.20 | | 870-1620-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.5 | 2.5 | 142° | H9 |
| 16.20 | | 870-1620-16-MM | | | ★ | | | | | ☆ | | 7.5 | 2.5 | 142° | H9 |
| 16.20 | | 870-1620-16-KM | ☆ | | | | ★ | | | | | 7.0 | 3.0 | 142° | H9 |
| 16.20 | | 870-1620-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.8 | 1.7 | 152° | F9 |
| 16.30 | | 870-1630-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.5 | 2.5 | 142° | H9 |
| 16.30 | | 870-1630-16-MM | | | ★ | | | | | ☆ | | 7.5 | 2.5 | 142° | H9 |
| 16.30 | | 870-1630-16-KM | ☆ | | | | ★ | | | | | 7.0 | 3.1 | 142° | H9 |
| 16.30 | | 870-1630-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.8 | 1.7 | 152° | F9 |
| 16.40 | | 870-1640-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.5 | 2.5 | 142° | H9 |
| 16.40 | | 870-1640-16-MM | | | ★ | | | | | ☆ | | 7.5 | 2.5 | 142° | H9 |
| 16.40 | | 870-1640-16-KM | ☆ | | | | ★ | | | | | 6.9 | 3.1 | 142° | H9 |
| 16.40 | | 870-1640-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.8 | 1.7 | 152° | F9 |
| 16.50 | | 870-1650-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.5 | 2.5 | 142° | H9 |
| 16.50 | | 870-1650-16-MM | | | ★ | | | | | ☆ | | 7.5 | 2.5 | 142° | H9 |
| 16.50 | | 870-1650-16-KM | ☆ | | | | ★ | | | | | 6.9 | 3.1 | 142° | H9 |
| 16.50 | | 870-1650-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.8 | 1.8 | 152° | F9 |
| 16.60 | | 870-1660-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.5 | 2.5 | 142° | H9 |
| 16.60 | | 870-1660-16-MM | | | ★ | | | | | ☆ | | 7.5 | 2.5 | 142° | H9 |
| 16.60 | | 870-1660-16-KM | ☆ | | | | ★ | | | | | 6.9 | 3.1 | 142° | H9 |
| 16.60 | | 870-1660-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.7 | 1.8 | 152° | F9 |
| 16.70 | | 870-1670-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.5 | 2.5 | 142° | H9 |
| 16.70 | | 870-1670-16-MM | | | ★ | | | | | ☆ | | 7.5 | 2.5 | 142° | H9 |
| 16.70 | | 870-1670-16-KM | ☆ | | | | ★ | | | | | 6.9 | 3.1 | 142° | H9 |
| 16.70 | | 870-1670-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.7 | 1.8 | 152° | F9 |
| 16.80 | | 870-1680-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.4 | 2.6 | 142° | H9 |
| 16.80 | | 870-1680-16-MM | | | ★ | | | | | ☆ | | 7.4 | 2.6 | 142° | H9 |
| 16.80 | | 870-1680-16-KM | ☆ | | | | ★ | | | | | 6.9 | 3.1 | 142° | H9 |
| 16.80 | | 870-1680-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.7 | 1.8 | 152° | F9 |
| 16.90 | | 870-1690-16-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.4 | 2.6 | 142° | H9 |
| 16.90 | | 870-1690-16-MM | | | ★ | | | | | ☆ | | 7.4 | 2.6 | 142° | H9 |
| 16.90 | | 870-1690-16-KM | ☆ | | | | ★ | | | | | 6.9 | 3.2 | 142° | H9 |
| 16.90 | | 870-1690-16-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 7.7 | 1.8 | 152° | F9 |

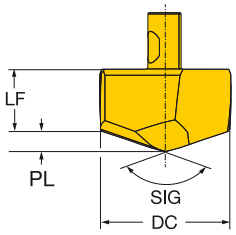
J6 J50 J5 N23 N6



SANDVIK Coromant

# CoroDrill® 870 boorpunt

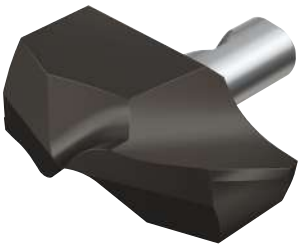


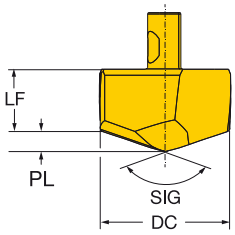



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 17.00 | 17 | 870-1700-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.0 | 2.6 | 142° | H9 |
| 17.00 | | 870-1700-17-MM | | | ★ | | | | | ☆ | | 8.0 | 2.6 | 142° | H9 |
| 17.00 | | 870-1700-17-KM | ☆ | | | | ★ | | | | | 7.4 | 3.2 | 142° | H9 |
| 17.00 | | 870-1700-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.2 | 1.8 | 152° | F9 |
| 17.10 | | 870-1710-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.0 | 2.6 | 142° | H9 |
| 17.10 | | 870-1710-17-MM | | | ★ | | | | | ☆ | | 8.0 | 2.6 | 142° | H9 |
| 17.10 | | 870-1710-17-KM | ☆ | | | | ★ | | | | | 7.4 | 3.2 | 142° | H9 |
| 17.10 | | 870-1710-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.2 | 1.8 | 152° | F9 |
| 17.20 | | 870-1720-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.0 | 2.6 | 142° | H9 |
| 17.20 | | 870-1720-17-MM | | | ★ | | | | | ☆ | | 8.0 | 2.6 | 142° | H9 |
| 17.20 | | 870-1720-17-KM | ☆ | | | | ★ | | | | | 7.3 | 3.3 | 142° | H9 |
| 17.20 | | 870-1720-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.2 | 1.8 | 152° | F9 |
| 17.30 | | 870-1730-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.0 | 2.6 | 142° | H9 |
| 17.30 | | 870-1730-17-MM | | | ★ | | | | | ☆ | | 8.0 | 2.6 | 142° | H9 |
| 17.30 | | 870-1730-17-KM | ☆ | | | | ★ | | | | | 7.3 | 3.3 | 142° | H9 |
| 17.30 | | 870-1730-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.2 | 1.8 | 152° | F9 |
| 17.40 | | 870-1740-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.0 | 2.7 | 142° | H9 |
| 17.40 | | 870-1740-17-MM | | | ★ | | | | | ☆ | | 8.0 | 2.7 | 142° | H9 |
| 17.40 | | 870-1740-17-KM | ☆ | | | | ★ | | | | | 7.3 | 3.3 | 142° | H9 |
| 17.40 | | 870-1740-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.2 | 1.8 | 152° | F9 |
| 17.46 | | 870-1746-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.9 | 2.7 | 142° | H9 |
| 17.46 | | 870-1746-17-MM | | | ★ | | | | | ☆ | | 7.9 | 2.7 | 142° | H9 |
| 17.46 | | 870-1746-17-KM | ☆ | | | | ★ | | | | | 7.3 | 3.3 | 142° | H9 |
| 17.46 | | 870-1746-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.2 | 1.8 | 152° | F9 |
| 17.50 | | 870-1750-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.9 | 2.7 | 142° | H9 |
| 17.50 | | 870-1750-17-MM | | | ★ | | | | | ☆ | | 7.9 | 2.7 | 142° | H9 |
| 17.50 | | 870-1750-17-KM | ☆ | | | | ★ | | | | | 7.3 | 3.3 | 142° | H9 |
| 17.50 | | 870-1750-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.2 | 1.9 | 152° | F9 |
| 17.60 | | 870-1760-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.9 | 2.7 | 142° | H9 |
| 17.60 | | 870-1760-17-MM | | | ★ | | | | | ☆ | | 7.9 | 2.7 | 142° | H9 |
| 17.60 | | 870-1760-17-KM | ☆ | | | | ★ | | | | | 7.3 | 3.3 | 142° | H9 |
| 17.60 | | 870-1760-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.1 | 1.9 | 152° | F9 |
| 17.70 | | 870-1770-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.9 | 2.7 | 142° | H9 |
| 17.70 | | 870-1770-17-MM | | | ★ | | | | | ☆ | | 7.9 | 2.7 | 142° | H9 |
| 17.70 | | 870-1770-17-KM | ☆ | | | | ★ | | | | | 7.3 | 3.3 | 142° | H9 |
| 17.70 | | 870-1770-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.1 | 1.9 | 152° | F9 |
| 17.80 | | 870-1780-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.9 | 2.7 | 142° | H9 |
| 17.80 | | 870-1780-17-MM | | | ★ | | | | | ☆ | | 7.9 | 2.7 | 142° | H9 |
| 17.80 | | 870-1780-17-KM | ☆ | | | | ★ | | | | | 7.2 | 3.4 | 142° | H9 |
| 17.80 | | 870-1780-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.1 | 1.9 | 152° | F9 |
| 17.90 | | 870-1790-17-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 7.9 | 2.7 | 142° | H9 |
| 17.90 | | 870-1790-17-MM | | | ★ | | | | | ☆ | | 7.9 | 2.7 | 142° | H9 |
| 17.90 | | 870-1790-17-KM | ☆ | | | | ★ | | | | | 7.2 | 3.4 | 142° | H9 |
| 17.90 | | 870-1790-17-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.1 | 1.9 | 152° | F9 |

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# CoroDrill® 870 boorpunt





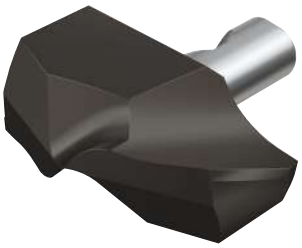

| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 18.00 | 18 | 870-1800-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.6 | 2.7 | 142° | H9 |
| 18.00 | | 870-1800-18-MM | | | ★ | | | | | ☆ | | 8.6 | 2.7 | 142° | H9 |
| 18.00 | | 870-1800-18-KM | ☆ | | | | ★ | | | | | 7.9 | 3.4 | 142° | H9 |
| 18.00 | | 870-1800-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.8 | 1.9 | 152° | F9 |
| 18.10 | | 870-1810-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.6 | 2.7 | 142° | H9 |
| 18.10 | | 870-1810-18-MM | | | ★ | | | | | ☆ | | 8.6 | 2.7 | 142° | H9 |
| 18.10 | | 870-1810-18-KM | ☆ | | | | ★ | | | | | 7.9 | 3.4 | 142° | H9 |
| 18.10 | | 870-1810-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.8 | 1.9 | 152° | F9 |
| 18.20 | | 870-1820-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.6 | 2.8 | 142° | H9 |
| 18.20 | | 870-1820-18-MM | | | ★ | | | | | ☆ | | 8.6 | 2.8 | 142° | H9 |
| 18.20 | | 870-1820-18-KM | ☆ | | | | ★ | | | | | 7.9 | 3.4 | 142° | H9 |
| 18.20 | | 870-1820-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.8 | 1.9 | 152° | F9 |
| 18.30 | | 870-1830-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.5 | 2.8 | 142° | H9 |
| 18.30 | | 870-1830-18-MM | | | ★ | | | | | ☆ | | 8.5 | 2.8 | 142° | H9 |
| 18.30 | | 870-1830-18-KM | ☆ | | | | ★ | | | | | 7.9 | 3.4 | 142° | H9 |
| 18.30 | | 870-1830-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.8 | 1.9 | 152° | F9 |
| 18.40 | | 870-1840-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.5 | 2.8 | 142° | H9 |
| 18.40 | | 870-1840-18-MM | | | ★ | | | | | ☆ | | 8.5 | 2.8 | 142° | H9 |
| 18.40 | | 870-1840-18-KM | ☆ | | | | ★ | | | | | 7.9 | 3.4 | 142° | H9 |
| 18.40 | | 870-1840-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.8 | 1.9 | 152° | F9 |
| 18.50 | | 870-1850-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.5 | 2.8 | 142° | H9 |
| 18.50 | | 870-1850-18-MM | | | ★ | | | | | ☆ | | 8.5 | 2.8 | 142° | H9 |
| 18.50 | | 870-1850-18-KM | ☆ | | | | ★ | | | | | 7.9 | 3.5 | 142° | H9 |
| 18.50 | | 870-1850-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.8 | 1.9 | 152° | F9 |
| 18.60 | | 870-1860-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.5 | 2.8 | 142° | H9 |
| 18.60 | | 870-1860-18-MM | | | ★ | | | | | ☆ | | 8.5 | 2.8 | 142° | H9 |
| 18.60 | | 870-1860-18-KM | ☆ | | | | ★ | | | | | 7.8 | 3.5 | 142° | H9 |
| 18.60 | | 870-1860-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.8 | 2.0 | 152° | F9 |
| 18.70 | | 870-1870-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.5 | 2.8 | 142° | H9 |
| 18.70 | | 870-1870-18-MM | | | ★ | | | | | ☆ | | 8.5 | 2.8 | 142° | H9 |
| 18.70 | | 870-1870-18-KM | ☆ | | | | ★ | | | | | 7.8 | 3.5 | 142° | H9 |
| 18.70 | | 870-1870-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.7 | 2.0 | 152° | F9 |
| 18.80 | | 870-1880-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.5 | 2.9 | 142° | H9 |
| 18.80 | | 870-1880-18-MM | | | ★ | | | | | ☆ | | 8.5 | 2.9 | 142° | H9 |
| 18.80 | | 870-1880-18-KM | ☆ | | | | ★ | | | | | 7.8 | 3.5 | 142° | H9 |
| 18.80 | | 870-1880-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.7 | 2.0 | 152° | F9 |
| 18.90 | | 870-1890-18-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.4 | 2.9 | 142° | H9 |
| 18.90 | | 870-1890-18-MM | | | ★ | | | | | ☆ | | 8.4 | 2.9 | 142° | H9 |
| 18.90 | | 870-1890-18-KM | ☆ | | | | ★ | | | | | 7.8 | 3.5 | 142° | H9 |
| 18.90 | | 870-1890-18-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 8.7 | 2.0 | 152° | F9 |

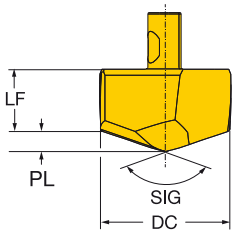
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SANDVIK Coromant

# CoroDrill® 870 boorpunt

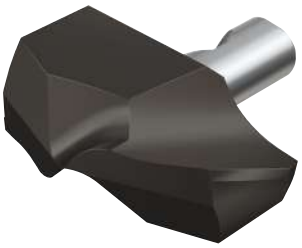


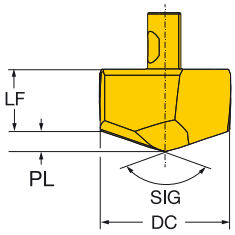



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 19.00 | 19 | 870-1900-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.0 | 2.9 | 142° | H9 |
| 19.00 | | 870-1900-19-MM | | | ★ | | | | | ☆ | | 9.0 | 2.9 | 142° | H9 |
| 19.00 | | 870-1900-19-KM | ☆ | | | | ★ | | | | | 8.3 | 3.6 | 142° | H9 |
| 19.00 | | 870-1900-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.0 | 152° | F9 |
| 19.05 | | 870-1905-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.0 | 2.9 | 142° | H9 |
| 19.05 | | 870-1905-19-PL | | ☆ | | ★ | | | | | | 8.0 | 3.8 | 142° | H9 |
| 19.05 | | 870-1905-19-MM | | | ★ | | | | | ☆ | | 9.0 | 2.9 | 142° | H9 |
| 19.05 | | 870-1905-19-KM | ☆ | | | | ★ | | | | | 8.3 | 3.6 | 142° | H9 |
| 19.05 | | 870-1905-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.0 | 152° | F9 |
| 19.10 | | 870-1910-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.0 | 2.9 | 142° | H9 |
| 19.10 | | 870-1910-19-MM | | | ★ | | | | | ☆ | | 9.0 | 2.9 | 142° | H9 |
| 19.10 | | 870-1910-19-KM | ☆ | | | | ★ | | | | | 8.3 | 3.6 | 142° | H9 |
| 19.10 | | 870-1910-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.0 | 152° | F9 |
| 19.20 | | 870-1920-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.0 | 2.9 | 142° | H9 |
| 19.20 | | 870-1920-19-PL | | ☆ | | ★ | | | | | | 8.0 | 3.9 | 142° | H9 |
| 19.20 | | 870-1920-19-MM | | | ★ | | | | | ☆ | | 9.0 | 2.9 | 142° | H9 |
| 19.20 | | 870-1920-19-KM | ☆ | | | | ★ | | | | | 8.3 | 3.6 | 142° | H9 |
| 19.20 | | 870-1920-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.0 | 152° | F9 |
| 19.25 | | 870-1925-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.0 | 2.9 | 142° | H9 |
| 19.25 | | 870-1925-19-PL | | ☆ | | ★ | | | | | | 8.0 | 3.9 | 142° | H9 |
| 19.25 | | 870-1925-19-MM | | | ★ | | | | | ☆ | | 9.0 | 2.9 | 142° | H9 |
| 19.25 | | 870-1925-19-KM | ☆ | | | | ★ | | | | | 8.3 | 3.6 | 142° | H9 |
| 19.25 | | 870-1925-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.0 | 152° | F9 |
| 19.30 | | 870-1930-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.0 | 2.9 | 142° | H9 |
| 19.30 | | 870-1930-19-PL | | ☆ | | ★ | | | | | | 8.0 | 4.0 | 142° | H9 |
| 19.30 | | 870-1930-19-MM | | | ★ | | | | | ☆ | | 9.0 | 2.9 | 142° | H9 |
| 19.30 | | 870-1930-19-KM | ☆ | | | | ★ | | | | | 8.3 | 3.6 | 142° | H9 |
| 19.30 | | 870-1930-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.0 | 152° | F9 |
| 19.40 | | 870-1940-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.0 | 2.9 | 142° | H9 |
| 19.40 | | 870-1940-19-MM | | | ★ | | | | | ☆ | | 9.0 | 2.9 | 142° | H9 |
| 19.40 | | 870-1940-19-KM | ☆ | | | | ★ | | | | | 8.2 | 3.7 | 142° | H9 |
| 19.40 | | 870-1940-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.0 | 152° | F9 |
| 19.50 | | 870-1950-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.9 | 3.0 | 142° | H9 |
| 19.50 | | 870-1950-19-MM | | | ★ | | | | | ☆ | | 8.9 | 3.0 | 142° | H9 |
| 19.50 | | 870-1950-19-KM | ☆ | | | | ★ | | | | | 8.2 | 3.7 | 142° | H9 |
| 19.50 | | 870-1950-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.2 | 2.1 | 152° | F9 |
| 19.60 | | 870-1960-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.9 | 3.0 | 142° | H9 |
| 19.60 | | 870-1960-19-MM | | | ★ | | | | | ☆ | | 8.9 | 3.0 | 142° | H9 |
| 19.60 | | 870-1960-19-KM | ☆ | | | | ★ | | | | | 8.2 | 3.7 | 142° | H9 |
| 19.60 | | 870-1960-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.1 | 2.1 | 152° | F9 |
| 19.70 | | 870-1970-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.9 | 3.0 | 142° | H9 |
| 19.70 | | 870-1970-19-MM | | | ★ | | | | | ☆ | | 8.9 | 3.0 | 142° | H9 |
| 19.70 | | 870-1970-19-KM | ☆ | | | | ★ | | | | | 8.2 | 3.7 | 142° | H9 |
| 19.70 | | 870-1970-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.1 | 2.1 | 152° | F9 |
| 19.80 | | 870-1980-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.9 | 3.0 | 142° | H9 |
| 19.80 | | 870-1980-19-MM | | | ★ | | | | | ☆ | | 8.9 | 3.0 | 142° | H9 |
| 19.80 | | 870-1980-19-KM | ☆ | | | | ★ | | | | | 8.2 | 3.7 | 142° | H9 |
| 19.80 | | 870-1980-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.1 | 2.1 | 152° | F9 |
| 19.90 | | 870-1990-19-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 8.9 | 3.0 | 142° | H9 |
| 19.90 | | 870-1990-19-MM | | | ★ | | | | | ☆ | | 8.9 | 3.0 | 142° | H9 |
| 19.90 | | 870-1990-19-KM | ☆ | | | | ★ | | | | | 8.2 | 3.7 | 142° | H9 |
| 19.90 | | 870-1990-19-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.1 | 2.1 | 152° | F9 |

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# CoroDrill® 870 boorpunt





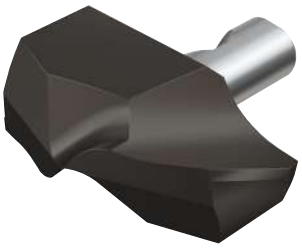

| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 20.00 | 20 | 870-2000-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.5 | 3.0 | 142° | H9 |
| 20.00 | | 870-2000-20-MM | | | ★ | | | | | ☆ | | 9.5 | 3.0 | 142° | H9 |
| 20.00 | | 870-2000-20-KM | ☆ | | | | ★ | | | | | 8.7 | 3.8 | 142° | H9 |
| 20.00 | | 870-2000-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.7 | 2.1 | 152° | F9 |
| 20.10 | | 870-2010-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.5 | 3.0 | 142° | H9 |
| 20.10 | | 870-2010-20-MM | | | ★ | | | | | ☆ | | 9.5 | 3.0 | 142° | H9 |
| 20.10 | | 870-2010-20-KM | ☆ | | | | ★ | | | | | 8.7 | 3.8 | 142° | H9 |
| 20.10 | | 870-2010-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.7 | 2.1 | 152° | F9 |
| 20.20 | | 870-2020-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.4 | 3.1 | 142° | H9 |
| 20.20 | | 870-2020-20-MM | | | ★ | | | | | ☆ | | 9.4 | 3.1 | 142° | H9 |
| 20.20 | | 870-2020-20-KM | ☆ | | | | ★ | | | | | 8.7 | 3.9 | 142° | H9 |
| 20.20 | | 870-2020-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.7 | 2.1 | 152° | F9 |
| 20.30 | | 870-2030-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.4 | 3.1 | 142° | H9 |
| 20.30 | | 870-2030-20-MM | | | ★ | | | | | ☆ | | 9.4 | 3.1 | 142° | H9 |
| 20.30 | | 870-2030-20-KM | ☆ | | | | ★ | | | | | 8.6 | 3.9 | 142° | H9 |
| 20.30 | | 870-2030-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.7 | 2.1 | 152° | F9 |
| 20.40 | | 870-2040-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.4 | 3.1 | 142° | H9 |
| 20.40 | | 870-2040-20-MM | | | ★ | | | | | ☆ | | 9.4 | 3.1 | 142° | H9 |
| 20.40 | | 870-2040-20-KM | ☆ | | | | ★ | | | | | 8.6 | 3.9 | 142° | H9 |
| 20.40 | | 870-2040-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.7 | 2.1 | 152° | F9 |
| 20.50 | | 870-2050-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.4 | 3.1 | 142° | H9 |
| 20.50 | | 870-2050-20-MM | | | ★ | | | | | ☆ | | 9.4 | 3.1 | 142° | H9 |
| 20.50 | | 870-2050-20-KM | ☆ | | | | ★ | | | | | 8.6 | 3.9 | 142° | H9 |
| 20.50 | | 870-2050-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.7 | 2.2 | 152° | F9 |
| 20.60 | | 870-2060-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.4 | 3.1 | 142° | H9 |
| 20.60 | | 870-2060-20-MM | | | ★ | | | | | ☆ | | 9.4 | 3.1 | 142° | H9 |
| 20.60 | | 870-2060-20-KM | ☆ | | | | ★ | | | | | 8.6 | 3.9 | 142° | H9 |
| 20.60 | | 870-2060-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.7 | 2.2 | 152° | F9 |
| 20.64 | | 870-2064-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.4 | 3.1 | 142° | H9 |
| 20.64 | | 870-2064-20-MM | | | ★ | | | | | ☆ | | 9.4 | 3.1 | 142° | H9 |
| 20.64 | | 870-2064-20-KM | ☆ | | | | ★ | | | | | 8.6 | 3.9 | 142° | H9 |
| 20.64 | | 870-2064-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.6 | 2.2 | 152° | F9 |
| 20.70 | | 870-2070-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.4 | 3.1 | 142° | H9 |
| 20.70 | | 870-2070-20-MM | | | ★ | | | | | ☆ | | 9.4 | 3.1 | 142° | H9 |
| 20.70 | | 870-2070-20-KM | ☆ | | | | ★ | | | | | 8.6 | 3.9 | 142° | H9 |
| 20.70 | | 870-2070-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.6 | 2.2 | 152° | F9 |
| 20.80 | | 870-2080-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.3 | 3.2 | 142° | H9 |
| 20.80 | | 870-2080-20-MM | | | ★ | | | | | ☆ | | 9.3 | 3.2 | 142° | H9 |
| 20.80 | | 870-2080-20-KM | ☆ | | | | ★ | | | | | 8.6 | 4.0 | 142° | H9 |
| 20.80 | | 870-2080-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.6 | 2.2 | 152° | F9 |
| 20.90 | | 870-2090-20-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.3 | 3.2 | 142° | H9 |
| 20.90 | | 870-2090-20-MM | | | ★ | | | | | ☆ | | 9.3 | 3.2 | 142° | H9 |
| 20.90 | | 870-2090-20-KM | ☆ | | | | ★ | | | | | 8.5 | 4.0 | 142° | H9 |
| 20.90 | | 870-2090-20-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 9.6 | 2.2 | 152° | F9 |

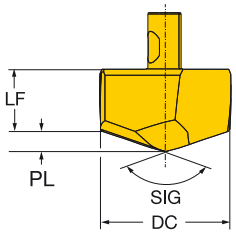
J6 J50 J5 N23 N6



SANDVIK Coromant

# CoroDrill® 870 boorpunt

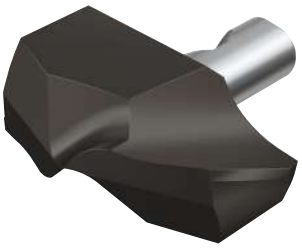


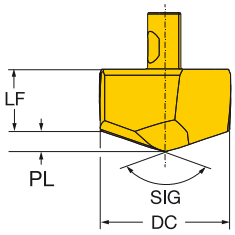



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 21.00 | 21 | 870-2100-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.0 | 3.2 | 142° | H9 |
| 21.00 | | 870-2100-21-MM | | | ★ | | | | | ☆ | | 10.0 | 3.2 | 142° | H9 |
| 21.00 | | 870-2100-21-KM | ☆ | | | | ★ | | | | | 9.2 | 4.0 | 142° | H9 |
| 21.00 | | 870-2100-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.3 | 2.2 | 152° | F9 |
| 21.10 | | 870-2110-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.0 | 3.2 | 142° | H9 |
| 21.10 | | 870-2110-21-MM | | | ★ | | | | | ☆ | | 10.0 | 3.2 | 142° | H9 |
| 21.10 | | 870-2110-21-KM | ☆ | | | | ★ | | | | | 9.2 | 4.0 | 142° | H9 |
| 21.10 | | 870-2110-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.3 | 2.2 | 152° | F9 |
| 21.20 | | 870-2120-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.0 | 3.2 | 142° | H9 |
| 21.20 | | 870-2120-21-MM | | | ★ | | | | | ☆ | | 10.0 | 3.2 | 142° | H9 |
| 21.20 | | 870-2120-21-KM | ☆ | | | | ★ | | | | | 9.2 | 4.0 | 142° | H9 |
| 21.20 | | 870-2120-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.3 | 2.2 | 152° | F9 |
| 21.30 | | 870-2130-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.0 | 3.2 | 142° | H9 |
| 21.30 | | 870-2130-21-MM | | | ★ | | | | | ☆ | | 10.0 | 3.2 | 142° | H9 |
| 21.30 | | 870-2130-21-KM | ☆ | | | | ★ | | | | | 9.2 | 4.0 | 142° | H9 |
| 21.30 | | 870-2130-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.3 | 2.2 | 152° | F9 |
| 21.40 | | 870-2140-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.0 | 3.2 | 142° | H9 |
| 21.40 | | 870-2140-21-MM | | | ★ | | | | | ☆ | | 10.0 | 3.2 | 142° | H9 |
| 21.40 | | 870-2140-21-KM | ☆ | | | | ★ | | | | | 9.2 | 4.0 | 142° | H9 |
| 21.40 | | 870-2140-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.3 | 2.2 | 152° | F9 |
| 21.50 | | 870-2150-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.0 | 3.3 | 142° | H9 |
| 21.50 | | 870-2150-21-MM | | | ★ | | | | | ☆ | | 10.0 | 3.3 | 142° | H9 |
| 21.50 | | 870-2150-21-KM | ☆ | | | | ★ | | | | | 9.2 | 4.0 | 142° | H9 |
| 21.50 | | 870-2150-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.3 | 2.2 | 152° | F9 |
| 21.60 | | 870-2160-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.9 | 3.3 | 142° | H9 |
| 21.60 | | 870-2160-21-MM | | | ★ | | | | | ☆ | | 9.9 | 3.3 | 142° | H9 |
| 21.60 | | 870-2160-21-KM | ☆ | | | | ★ | | | | | 9.1 | 4.1 | 142° | H9 |
| 21.60 | | 870-2160-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.3 | 2.3 | 152° | F9 |
| 21.70 | | 870-2170-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.9 | 3.3 | 142° | H9 |
| 21.70 | | 870-2170-21-MM | | | ★ | | | | | ☆ | | 9.9 | 3.3 | 142° | H9 |
| 21.70 | | 870-2170-21-KM | ☆ | | | | ★ | | | | | 9.1 | 4.1 | 142° | H9 |
| 21.70 | | 870-2170-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.2 | 2.3 | 152° | F9 |
| 21.80 | | 870-2180-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.9 | 3.3 | 142° | H9 |
| 21.80 | | 870-2180-21-MM | | | ★ | | | | | ☆ | | 9.9 | 3.3 | 142° | H9 |
| 21.80 | | 870-2180-21-KM | ☆ | | | | ★ | | | | | 9.1 | 4.1 | 142° | H9 |
| 21.80 | | 870-2180-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.2 | 2.3 | 152° | F9 |
| 21.90 | | 870-2190-21-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 9.9 | 3.3 | 142° | H9 |
| 21.90 | | 870-2190-21-MM | | | ★ | | | | | ☆ | | 9.9 | 3.3 | 142° | H9 |
| 21.90 | | 870-2190-21-KM | ☆ | | | | ★ | | | | | 9.1 | 4.1 | 142° | H9 |
| 21.90 | | 870-2190-21-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.2 | 2.3 | 152° | F9 |

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# CoroDrill® 870 boorpunt

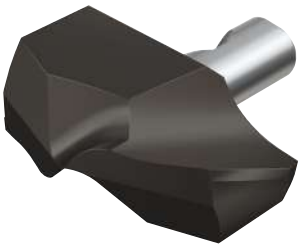


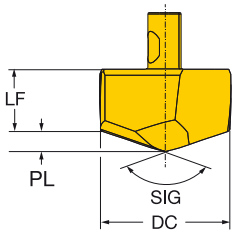



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 22.00 | 22 | 870-2200-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.5 | 3.3 | 142° | H9 |
| 22.00 | | 870-2200-22-MM | | | ★ | | | | | ☆ | | 10.5 | 3.3 | 142° | H9 |
| 22.00 | | 870-2200-22-KM | ☆ | | | | ★ | | | | | 9.6 | 4.2 | 142° | H9 |
| 22.00 | | 870-2200-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.8 | 2.3 | 152° | F9 |
| 22.10 | | 870-2210-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.5 | 3.3 | 142° | H9 |
| 22.10 | | 870-2210-22-MM | | | ★ | | | | | ☆ | | 10.5 | 3.3 | 142° | H9 |
| 22.10 | | 870-2210-22-KM | ☆ | | | | ★ | | | | | 9.6 | 4.2 | 142° | H9 |
| 22.10 | | 870-2210-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.8 | 2.3 | 152° | F9 |
| 22.20 | | 870-2220-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.5 | 3.4 | 142° | H9 |
| 22.20 | | 870-2220-22-PL | | ☆ | | ★ | | | | | | 9.3 | 4.5 | 142° | H9 |
| 22.20 | | 870-2220-22-MM | | | ★ | | | | | ☆ | | 10.5 | 3.4 | 142° | H9 |
| 22.20 | | 870-2220-22-KM | ☆ | | | | ★ | | | | | 9.6 | 4.2 | 142° | H9 |
| 22.20 | | 870-2220-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.8 | 2.3 | 152° | F9 |
| 22.23 | | 870-2223-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.5 | 3.4 | 142° | H9 |
| 22.23 | | 870-2223-22-MM | | | ★ | | | | | ☆ | | 10.5 | 3.4 | 142° | H9 |
| 22.23 | | 870-2223-22-KM | ☆ | | | | ★ | | | | | 9.6 | 4.2 | 142° | H9 |
| 22.23 | | 870-2223-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.8 | 2.3 | 152° | F9 |
| 22.30 | | 870-2230-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.4 | 3.4 | 142° | H9 |
| 22.30 | | 870-2230-22-MM | | | ★ | | | | | ☆ | | 10.4 | 3.4 | 142° | H9 |
| 22.30 | | 870-2230-22-KM | ☆ | | | | ★ | | | | | 9.6 | 4.2 | 142° | H9 |
| 22.30 | | 870-2230-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.8 | 2.3 | 152° | F9 |
| 22.40 | | 870-2240-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.4 | 3.4 | 142° | H9 |
| 22.40 | | 870-2240-22-MM | | | ★ | | | | | ☆ | | 10.4 | 3.4 | 142° | H9 |
| 22.40 | | 870-2240-22-KM | ☆ | | | | ★ | | | | | 9.6 | 4.2 | 142° | H9 |
| 22.40 | | 870-2240-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.8 | 2.3 | 152° | F9 |
| 22.50 | | 870-2250-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.4 | 3.4 | 142° | H9 |
| 22.50 | | 870-2250-22-MM | | | ★ | | | | | ☆ | | 10.4 | 3.4 | 142° | H9 |
| 22.50 | | 870-2250-22-KM | ☆ | | | | ★ | | | | | 9.5 | 4.3 | 142° | H9 |
| 22.50 | | 870-2250-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.8 | 2.4 | 152° | F9 |
| 22.60 | | 870-2260-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.4 | 3.4 | 142° | H9 |
| 22.60 | | 870-2260-22-MM | | | ★ | | | | | ☆ | | 10.4 | 3.4 | 142° | H9 |
| 22.60 | | 870-2260-22-KM | ☆ | | | | ★ | | | | | 9.5 | 4.3 | 142° | H9 |
| 22.60 | | 870-2260-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.7 | 2.4 | 152° | F9 |
| 22.70 | | 870-2270-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.4 | 3.4 | 142° | H9 |
| 22.70 | | 870-2270-22-MM | | | ★ | | | | | ☆ | | 10.4 | 3.4 | 142° | H9 |
| 22.70 | | 870-2270-22-KM | ☆ | | | | ★ | | | | | 9.5 | 4.3 | 142° | H9 |
| 22.70 | | 870-2270-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.7 | 2.4 | 152° | F9 |
| 22.80 | | 870-2280-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.4 | 3.5 | 142° | H9 |
| 22.80 | | 870-2280-22-MM | | | ★ | | | | | ☆ | | 10.4 | 3.5 | 142° | H9 |
| 22.80 | | 870-2280-22-KM | ☆ | | | | ★ | | | | | 9.5 | 4.3 | 142° | H9 |
| 22.80 | | 870-2280-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.7 | 2.4 | 152° | F9 |
| 22.90 | | 870-2290-22-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.3 | 3.5 | 142° | H9 |
| 22.90 | | 870-2290-22-MM | | | ★ | | | | | ☆ | | 10.3 | 3.5 | 142° | H9 |
| 22.90 | | 870-2290-22-KM | ☆ | | | | ★ | | | | | 9.5 | 4.3 | 142° | H9 |
| 22.90 | | 870-2290-22-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 10.7 | 2.4 | 152° | F9 |

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# CoroDrill® 870 boorpunt

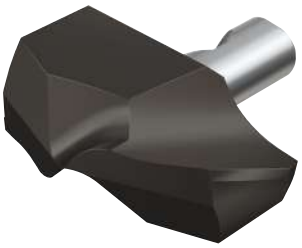


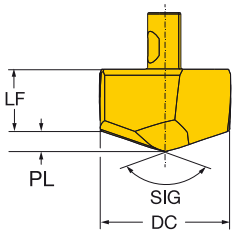



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 23.00 | 23 | 870-2300-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.0 | 3.5 | 142° | H9 |
| 23.00 | | 870-2300-23-MM | | | ★ | | | | | ☆ | | 11.0 | 3.5 | 142° | H9 |
| 23.00 | | 870-2300-23-KM | ☆ | | | | ★ | | | | | 10.1 | 4.4 | 142° | H9 |
| 23.00 | | 870-2300-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.4 | 152° | F9 |
| 23.10 | | 870-2310-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.0 | 3.5 | 142° | H9 |
| 23.10 | | 870-2310-23-MM | | | ★ | | | | | ☆ | | 11.0 | 3.5 | 142° | H9 |
| 23.10 | | 870-2310-23-KM | ☆ | | | | ★ | | | | | 10.1 | 4.4 | 142° | H9 |
| 23.10 | | 870-2310-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.4 | 152° | F9 |
| 23.20 | | 870-2320-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.0 | 3.5 | 142° | H9 |
| 23.20 | | 870-2320-23-MM | | | ★ | | | | | ☆ | | 11.0 | 3.5 | 142° | H9 |
| 23.20 | | 870-2320-23-KM | ☆ | | | | ★ | | | | | 10.1 | 4.4 | 142° | H9 |
| 23.20 | | 870-2320-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.4 | 152° | F9 |
| 23.30 | | 870-2330-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.0 | 3.5 | 142° | H9 |
| 23.30 | | 870-2330-23-MM | | | ★ | | | | | ☆ | | 11.0 | 3.5 | 142° | H9 |
| 23.30 | | 870-2330-23-KM | ☆ | | | | ★ | | | | | 10.1 | 4.5 | 142° | H9 |
| 23.30 | | 870-2330-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.4 | 152° | F9 |
| 23.40 | | 870-2340-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.0 | 3.5 | 142° | H9 |
| 23.40 | | 870-2340-23-MM | | | ★ | | | | | ☆ | | 11.0 | 3.5 | 142° | H9 |
| 23.40 | | 870-2340-23-KM | ☆ | | | | ★ | | | | | 10.0 | 4.5 | 142° | H9 |
| 23.40 | | 870-2340-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.4 | 152° | F9 |
| 23.50 | | 870-2350-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.0 | 3.5 | 142° | H9 |
| 23.50 | | 870-2350-23-MM | | | ★ | | | | | ☆ | | 11.0 | 3.5 | 142° | H9 |
| 23.50 | | 870-2350-23-KM | ☆ | | | | ★ | | | | | 10.0 | 4.5 | 142° | H9 |
| 23.50 | | 870-2350-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.4 | 152° | F9 |
| 23.60 | | 870-2360-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.9 | 3.6 | 142° | H9 |
| 23.60 | | 870-2360-23-MM | | | ★ | | | | | ☆ | | 10.9 | 3.6 | 142° | H9 |
| 23.60 | | 870-2360-23-KM | ☆ | | | | ★ | | | | | 10.0 | 4.5 | 142° | H9 |
| 23.60 | | 870-2360-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.4 | 152° | F9 |
| 23.70 | | 870-2370-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.9 | 3.6 | 142° | H9 |
| 23.70 | | 870-2370-23-MM | | | ★ | | | | | ☆ | | 10.9 | 3.6 | 142° | H9 |
| 23.70 | | 870-2370-23-KM | ☆ | | | | ★ | | | | | 10.0 | 4.5 | 142° | H9 |
| 23.70 | | 870-2370-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.4 | 2.5 | 152° | F9 |
| 23.80 | | 870-2380-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.9 | 3.6 | 142° | H9 |
| 23.80 | | 870-2380-23-PL | | ☆ | | ★ | | | | | | 9.7 | 4.8 | 142° | H9 |
| 23.80 | | 870-2380-23-MM | | | ★ | | | | | ☆ | | 10.9 | 3.6 | 142° | H9 |
| 23.80 | | 870-2380-23-KM | ☆ | | | | ★ | | | | | 10.0 | 4.5 | 142° | H9 |
| 23.80 | | 870-2380-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.3 | 2.5 | 152° | F9 |
| 23.81 | | 870-2381-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.9 | 3.6 | 142° | H9 |
| 23.81 | | 870-2381-23-MM | | | ★ | | | | | ☆ | | 10.9 | 3.6 | 142° | H9 |
| 23.81 | | 870-2381-23-KM | ☆ | | | | ★ | | | | | 10.0 | 4.5 | 142° | H9 |
| 23.81 | | 870-2381-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.3 | 2.5 | 152° | F9 |
| 23.90 | | 870-2390-23-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 10.9 | 3.6 | 142° | H9 |
| 23.90 | | 870-2390-23-MM | | | ★ | | | | | ☆ | | 10.9 | 3.6 | 142° | H9 |
| 23.90 | | 870-2390-23-KM | ☆ | | | | ★ | | | | | 10.0 | 4.6 | 142° | H9 |
| 23.90 | | 870-2390-23-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.3 | 2.5 | 152° | F9 |

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# CoroDrill® 870 boorpunt

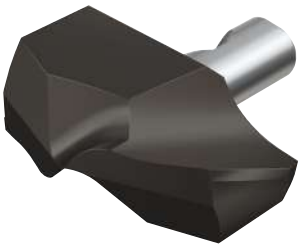


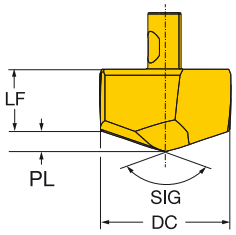



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 24.00 | 24 | 870-2400-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.4 | 3.6 | 142° | H9 |
| 24.00 | | 870-2400-24-MM | | | ★ | | | | | ☆ | | 11.4 | 3.6 | 142° | H9 |
| 24.00 | | 870-2400-24-KM | ☆ | | | | ★ | | | | | 10.4 | 4.6 | 142° | H9 |
| 24.00 | | 870-2400-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.8 | 2.5 | 152° | F9 |
| 24.10 | | 870-2410-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.4 | 3.6 | 142° | H9 |
| 24.10 | | 870-2410-24-MM | | | ★ | | | | | ☆ | | 11.4 | 3.6 | 142° | H9 |
| 24.10 | | 870-2410-24-KM | ☆ | | | | ★ | | | | | 10.4 | 4.7 | 142° | H9 |
| 24.10 | | 870-2410-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.8 | 2.5 | 152° | F9 |
| 24.20 | | 870-2420-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.4 | 3.7 | 142° | H9 |
| 24.20 | | 870-2420-24-MM | | | ★ | | | | | ☆ | | 11.4 | 3.7 | 142° | H9 |
| 24.20 | | 870-2420-24-KM | ☆ | | | | ★ | | | | | 10.3 | 4.7 | 142° | H9 |
| 24.20 | | 870-2420-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.8 | 2.5 | 152° | F9 |
| 24.30 | | 870-2430-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.3 | 3.7 | 142° | H9 |
| 24.30 | | 870-2430-24-MM | | | ★ | | | | | ☆ | | 11.3 | 3.7 | 142° | H9 |
| 24.30 | | 870-2430-24-KM | ☆ | | | | ★ | | | | | 10.3 | 4.7 | 142° | H9 |
| 24.30 | | 870-2430-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.8 | 2.5 | 152° | F9 |
| 24.40 | | 870-2440-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.3 | 3.7 | 142° | H9 |
| 24.40 | | 870-2440-24-MM | | | ★ | | | | | ☆ | | 11.3 | 3.7 | 142° | H9 |
| 24.40 | | 870-2440-24-KM | ☆ | | | | ★ | | | | | 10.3 | 4.7 | 142° | H9 |
| 24.40 | | 870-2440-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.8 | 2.6 | 152° | F9 |
| 24.50 | | 870-2450-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.3 | 3.7 | 142° | H9 |
| 24.50 | | 870-2450-24-MM | | | ★ | | | | | ☆ | | 11.3 | 3.7 | 142° | H9 |
| 24.50 | | 870-2450-24-KM | ☆ | | | | ★ | | | | | 10.3 | 4.7 | 142° | H9 |
| 24.50 | | 870-2450-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.7 | 2.6 | 152° | F9 |
| 24.60 | | 870-2460-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.3 | 3.7 | 142° | H9 |
| 24.60 | | 870-2460-24-MM | | | ★ | | | | | ☆ | | 11.3 | 3.7 | 142° | H9 |
| 24.60 | | 870-2460-24-KM | ☆ | | | | ★ | | | | | 10.3 | 4.7 | 142° | H9 |
| 24.60 | | 870-2460-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.7 | 2.6 | 152° | F9 |
| 24.70 | | 870-2470-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.3 | 3.7 | 142° | H9 |
| 24.70 | | 870-2470-24-MM | | | ★ | | | | | ☆ | | 11.3 | 3.7 | 142° | H9 |
| 24.70 | | 870-2470-24-KM | ☆ | | | | ★ | | | | | 10.3 | 4.8 | 142° | H9 |
| 24.70 | | 870-2470-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.7 | 2.6 | 152° | F9 |
| 24.80 | | 870-2480-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.3 | 3.8 | 142° | H9 |
| 24.80 | | 870-2480-24-MM | | | ★ | | | | | ☆ | | 11.3 | 3.8 | 142° | H9 |
| 24.80 | | 870-2480-24-KM | ☆ | | | | ★ | | | | | 10.2 | 4.8 | 142° | H9 |
| 24.80 | | 870-2480-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.7 | 2.6 | 152° | F9 |
| 24.90 | | 870-2490-24-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.2 | 3.8 | 142° | H9 |
| 24.90 | | 870-2490-24-MM | | | ★ | | | | | ☆ | | 11.2 | 3.8 | 142° | H9 |
| 24.90 | | 870-2490-24-KM | ☆ | | | | ★ | | | | | 10.2 | 4.8 | 142° | H9 |
| 24.90 | | 870-2490-24-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 11.7 | 2.6 | 152° | F9 |

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# CoroDrill® 870 boorpunt

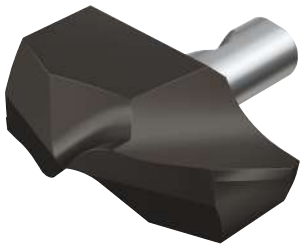


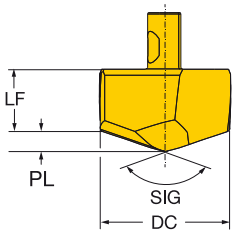



| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 25.00 | 25 | 870-2500-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.9 | 3.8 | 142° | H9 |
| 25.00 | | 870-2500-25-MM | | | ★ | | | | | ☆ | | 11.9 | 3.8 | 142° | H9 |
| 25.00 | | 870-2500-25-KM | ☆ | | | | ★ | | | | | 10.9 | 4.8 | 142° | H9 |
| 25.00 | | 870-2500-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.3 | 2.6 | 152° | F9 |
| 25.10 | | 870-2510-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.9 | 3.8 | 142° | H9 |
| 25.10 | | 870-2510-25-MM | | | ★ | | | | | ☆ | | 11.9 | 3.8 | 142° | H9 |
| 25.10 | | 870-2510-25-KM | ☆ | | | | ★ | | | | | 10.9 | 4.8 | 142° | H9 |
| 25.10 | | 870-2510-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.3 | 2.7 | 152° | F9 |
| 25.20 | | 870-2520-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.9 | 3.8 | 142° | H9 |
| 25.20 | | 870-2520-25-MM | | | ★ | | | | | ☆ | | 11.9 | 3.8 | 142° | H9 |
| 25.20 | | 870-2520-25-KM | ☆ | | | | ★ | | | | | 10.9 | 4.8 | 142° | H9 |
| 25.20 | | 870-2520-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.2 | 2.7 | 152° | F9 |
| 25.30 | | 870-2530-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.9 | 3.8 | 142° | H9 |
| 25.30 | | 870-2530-25-MM | | | ★ | | | | | ☆ | | 11.9 | 3.8 | 142° | H9 |
| 25.30 | | 870-2530-25-KM | ☆ | | | | ★ | | | | | 10.9 | 4.8 | 142° | H9 |
| 25.30 | | 870-2530-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.2 | 2.7 | 152° | F9 |
| 25.40 | | 870-2540-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.9 | 3.8 | 142° | H9 |
| 25.40 | | 870-2540-25-MM | | | ★ | | | | | ☆ | | 11.9 | 3.8 | 142° | H9 |
| 25.40 | | 870-2540-25-KM | ☆ | | | | ★ | | | | | 10.9 | 4.8 | 142° | H9 |
| 25.40 | | 870-2540-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.2 | 2.7 | 152° | F9 |
| 25.50 | | 870-2550-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.9 | 3.8 | 142° | H9 |
| 25.50 | | 870-2550-25-MM | | | ★ | | | | | ☆ | | 11.9 | 3.8 | 142° | H9 |
| 25.50 | | 870-2550-25-KM | ☆ | | | | ★ | | | | | 10.9 | 4.9 | 142° | H9 |
| 25.50 | | 870-2550-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.2 | 2.7 | 152° | F9 |
| 25.60 | | 870-2560-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.8 | 3.9 | 142° | H9 |
| 25.60 | | 870-2560-25-MM | | | ★ | | | | | ☆ | | 11.8 | 3.9 | 142° | H9 |
| 25.60 | | 870-2560-25-KM | ☆ | | | | ★ | | | | | 10.8 | 4.9 | 142° | H9 |
| 25.60 | | 870-2560-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.2 | 2.7 | 152° | F9 |
| 25.65 | | 870-2565-25-PL | | ☆ | | ★ | | | | | | 10.5 | 5.2 | 142° | H9 |
| 25.70 | | 870-2570-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.8 | 3.9 | 142° | H9 |
| 25.70 | | 870-2570-25-MM | | | ★ | | | | | ☆ | | 11.8 | 3.9 | 142° | H9 |
| 25.70 | | 870-2570-25-KM | ☆ | | | | ★ | | | | | 10.8 | 4.9 | 142° | H9 |
| 25.70 | | 870-2570-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.2 | 2.7 | 152° | F9 |
| 25.80 | | 870-2580-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.8 | 3.9 | 142° | H9 |
| 25.80 | | 870-2580-25-MM | | | ★ | | | | | ☆ | | 11.8 | 3.9 | 142° | H9 |
| 25.80 | | 870-2580-25-KM | ☆ | | | | ★ | | | | | 10.8 | 4.9 | 142° | H9 |
| 25.80 | | 870-2580-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.1 | 2.8 | 152° | F9 |
| 25.90 | | 870-2590-25-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 11.8 | 3.9 | 142° | H9 |
| 25.90 | | 870-2590-25-MM | | | ★ | | | | | ☆ | | 11.8 | 3.9 | 142° | H9 |
| 25.90 | | 870-2590-25-KM | ☆ | | | | ★ | | | | | 10.8 | 4.9 | 142° | H9 |
| 25.90 | | 870-2590-25-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.1 | 2.8 | 152° | F9 |
| 26.00 | 26 | 870-2600-26-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 12.5 | 3.9 | 142° | H9 |
| 26.00 | | 870-2600-26-MM | | | ★ | | | | | ☆ | | 12.5 | 3.9 | 142° | H9 |
| 26.00 | | 870-2600-26-KM | ☆ | | | | ★ | | | | | 11.4 | 5.0 | 142° | H9 |
| 26.00 | | 870-2600-26-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.9 | 2.7 | 152° | F9 |
| 26.50 | | 870-2650-26-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 12.4 | 4.0 | 142° | H9 |
| 26.50 | | 870-2650-26-MM | | | ★ | | | | | ☆ | | 12.4 | 4.0 | 142° | H9 |
| 26.50 | | 870-2650-26-KM | ☆ | | | | ★ | | | | | 11.3 | 5.1 | 142° | H9 |
| 26.50 | | 870-2650-26-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.8 | 2.8 | 152° | F9 |
| 26.65 | | 870-2665-26-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 12.4 | 4.0 | 142° | H9 |
| 26.65 | | 870-2665-26-MM | | | ★ | | | | | ☆ | | 12.4 | 4.0 | 142° | H9 |
| 26.65 | | 870-2665-26-KM | ☆ | | | | ★ | | | | | 11.3 | 5.1 | 142° | H9 |
| 26.65 | | 870-2665-26-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 12.8 | 2.8 | 152° | F9 |

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# CoroDrill® 870 boorpunt





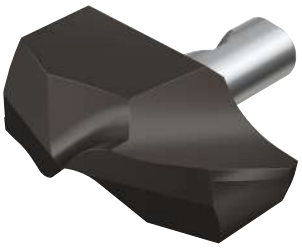

| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 27.00 | 27 | 870-2700-27-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 13.0 | 4.1 | 142° | H9 |
| 27.00 | | 870-2700-27-MM | | | ★ | | | | | ☆ | | 13.0 | 4.1 | 142° | H9 |
| 27.00 | | 870-2700-27-KM | ☆ | | | | ★ | | | | | 11.8 | 5.2 | 142° | H9 |
| 27.00 | | 870-2700-27-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 13.3 | 2.8 | 152° | F9 |
| 27.50 | | 870-2750-27-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 12.9 | 4.1 | 142° | H9 |
| 27.50 | | 870-2750-27-MM | | | ★ | | | | | ☆ | | 12.9 | 4.1 | 142° | H9 |
| 27.50 | | 870-2750-27-KM | ☆ | | | | ★ | | | | | 11.7 | 5.3 | 142° | H9 |
| 27.50 | | 870-2750-27-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 13.2 | 2.9 | 152° | F9 |
| 28.00 | 28 | 870-2800-28-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 13.4 | 4.2 | 142° | H9 |
| 28.00 | | 870-2800-28-MM | | | ★ | | | | | ☆ | | 13.4 | 4.2 | 142° | H9 |
| 28.00 | | 870-2800-28-KM | ☆ | | | | ★ | | | | | 12.2 | 5.4 | 142° | H9 |
| 28.00 | | 870-2800-28-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 13.8 | 2.9 | 152° | F9 |
| 28.50 | | 870-2850-28-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 13.3 | 4.3 | 142° | H9 |
| 28.50 | | 870-2850-28-MM | | | ★ | | | | | ☆ | | 13.3 | 4.3 | 142° | H9 |
| 28.50 | | 870-2850-28-KM | ☆ | | | | ★ | | | | | 12.1 | 5.5 | 142° | H9 |
| 28.50 | | 870-2850-28-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 13.7 | 3.0 | 152° | F9 |
| 28.58 | | 870-2858-28-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 13.3 | 4.3 | 142° | H9 |
| 28.58 | | 870-2858-28-MM | | | ★ | | | | | ☆ | | 13.3 | 4.3 | 142° | H9 |
| 28.58 | | 870-2858-28-KM | ☆ | | | | ★ | | | | | 12.1 | 5.5 | 142° | H9 |
| 28.58 | | 870-2858-28-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 13.7 | 3.0 | 152° | F9 |
| 29.00 | 29 | 870-2900-29-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 13.9 | 4.4 | 142° | H9 |
| 29.00 | | 870-2900-29-MM | | | ★ | | | | | ☆ | | 13.9 | 4.4 | 142° | H9 |
| 29.00 | | 870-2900-29-KM | ☆ | | | | ★ | | | | | 12.7 | 5.6 | 142° | H9 |
| 29.00 | | 870-2900-29-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.3 | 3.0 | 152° | F9 |
| 29.50 | | 870-2950-29-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 13.9 | 4.5 | 142° | H9 |
| 29.50 | | 870-2950-29-MM | | | ★ | | | | | ☆ | | 13.9 | 4.5 | 142° | H9 |
| 29.50 | | 870-2950-29-KM | ☆ | | | | ★ | | | | | 12.6 | 5.7 | 142° | H9 |
| 29.50 | | 870-2950-29-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.2 | 3.1 | 152° | F9 |
| 29.65 | | 870-2965-29-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 13.8 | 4.5 | 142° | H9 |
| 29.65 | | 870-2965-29-MM | | | ★ | | | | | ☆ | | 13.8 | 4.5 | 142° | H9 |
| 29.65 | | 870-2965-29-KM | ☆ | | | | ★ | | | | | 12.6 | 5.7 | 142° | H9 |
| 29.65 | | 870-2965-29-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.2 | 3.1 | 152° | F9 |
| 30.00 | 30 | 870-3000-30-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.4 | 4.5 | 142° | H9 |
| 30.00 | | 870-3000-30-MM | | | ★ | | | | | ☆ | | 14.4 | 4.5 | 142° | H9 |
| 30.00 | | 870-3000-30-KM | ☆ | | | | ★ | | | | | 13.1 | 5.8 | 142° | H9 |
| 30.00 | | 870-3000-30-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.7 | 3.2 | 152° | F9 |
| 30.50 | | 870-3050-30-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.3 | 4.6 | 142° | H9 |
| 30.50 | | 870-3050-30-MM | | | ★ | | | | | ☆ | | 14.3 | 4.6 | 142° | H9 |
| 30.50 | | 870-3050-30-KM | ☆ | | | | ★ | | | | | 13.0 | 5.9 | 142° | H9 |
| 30.50 | | 870-3050-30-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.6 | 3.2 | 152° | F9 |

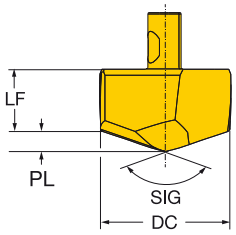
J6 J50 J5 N23 N6



SANDVIK Coromant

# CoroDrill® 870 boorpunt






| DC | | Bestelnummer | P | | M | | K | | N | S | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 3334 | 4334 | 2334 | 4334 | 3334 | 4334 | 4334 | 2334 | 4334 | LF | PL | SIG | TCHA |
| 31.00 | 31 | 870-3100-31-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.8 | 4.8 | 142° | H9 |
| 31.00 | | 870-3100-31-MM | | | ★ | | | | | ☆ | | 14.8 | 4.8 | 142° | H9 |
| 31.00 | | 870-3100-31-KM | ☆ | | | | ★ | | | | | 13.4 | 6.1 | 142° | H9 |
| 31.00 | | 870-3100-31-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 15.1 | 3.3 | 152° | F9 |
| 31.50 | | 870-3150-31-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.7 | 4.8 | 142° | H9 |
| 31.50 | | 870-3150-31-MM | | | ★ | | | | | ☆ | | 14.7 | 4.8 | 142° | H9 |
| 31.50 | | 870-3150-31-KM | ☆ | | | | ★ | | | | | 13.3 | 6.2 | 142° | H9 |
| 31.50 | | 870-3150-31-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 15.0 | 3.4 | 152° | F9 |
| 31.75 | | 870-3175-31-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.6 | 4.9 | 142° | H9 |
| 31.75 | | 870-3175-31-MM | | | ★ | | | | | ☆ | | 14.6 | 4.9 | 142° | H9 |
| 31.75 | | 870-3175-31-KM | ☆ | | | | ★ | | | | | 13.3 | 6.2 | 142° | H9 |
| 31.75 | | 870-3175-31-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 15.0 | 3.4 | 152° | F9 |
| 32.00 | | 870-3200-31-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.6 | 4.9 | 142° | H9 |
| 32.00 | | 870-3200-31-MM | | | ★ | | | | | ☆ | | 14.6 | 4.9 | 142° | H9 |
| 32.00 | | 870-3200-31-KM | ☆ | | | | ★ | | | | | 13.2 | 6.3 | 142° | H9 |
| 32.00 | | 870-3200-31-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 15.0 | 3.4 | 152° | F9 |
| 32.15 | | 870-3215-31-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.6 | 5.0 | 142° | H9 |
| 32.15 | | 870-3215-31-MM | | | ★ | | | | | ☆ | | 14.6 | 5.0 | 142° | H9 |
| 32.15 | | 870-3215-31-KM | ☆ | | | | ★ | | | | | 13.2 | 6.3 | 142° | H9 |
| 32.15 | | 870-3215-31-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.9 | 3.5 | 152° | F9 |
| 32.50 | | 870-3250-31-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.5 | 5.0 | 142° | H9 |
| 32.50 | | 870-3250-31-MM | | | ★ | | | | | ☆ | | 14.5 | 5.0 | 142° | H9 |
| 32.50 | | 870-3250-31-KM | ☆ | | | | ★ | | | | | 13.1 | 6.4 | 142° | H9 |
| 32.50 | | 870-3250-31-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.9 | 3.5 | 152° | F9 |
| 33.00 | | 870-3300-31-PM | | ★ | | ☆ | | ☆ | ☆ | | ☆ | 14.4 | 5.1 | 142° | H9 |
| 33.00 | | 870-3300-31-MM | | | ★ | | | | | ☆ | | 14.4 | 5.1 | 142° | H9 |
| 33.00 | | 870-3300-31-KM | ☆ | | | | ★ | | | | | 13.0 | 6.5 | 142° | H9 |
| 33.00 | | 870-3300-31-GP | | ★ | | ★ | | ★ | ☆ | | ☆ | 14.8 | 3.6 | 152° | F9 |

J6 J50 J5 N23 N6

# CoroDrill® DS20

## Wisselplaatboren

### ISO toepassingsgebied

P M K N S H

### Voordelen en kenmerken

- Een veilig en betrouwbaar snijproces met hoge productiviteit
- Veelzijdige boor met goede spaanvorming in een breed snijgegevensbereik
- Geoptimaliseerde spaanbeheersing en spaanafvoer
- Lichtsnijdend en extreem lage snijkrachten
- De enige wisselplaatboren die gaten kunnen boren tot 7 x DC



### Modular Drilling Interface

De MDI adapters zijn leverbaar in Coromant Capto® en HSK en bieden hoge precisie, uitstekende centreercapaciteiten en kunnen de gereedschapsvoorraad reduceren. Zie pagina L2

www.sandvik.coromant.com/corodrillds20

### Boorbodies

- Cilindrische schacht met plat vlak volgens ISO 9766
- Modular Drilling Interface (MDI)

### Wisselplaten

- Wisselplaten met geoptimaliseerde geometrieën voor alle materialen

| | | Haalbare ondertolerantie (TCHAL) | | | | Haalbare boventolerantie (TCHAU) | | | |
|---|---|---|---|---|---|---|---|---|---|
| $D_c$ min mm | $D_c$ max mm | 4xD | 5xD | 6xD | 7xD | 4xD | 5xD | 6xD | 7xD |
| 15.00 | 18.00 | 0 | 0 | -0.1 | -0.1 | 0.27 | 0.27 | 0.4 | 0.4 |
| 18.01 | 30.00 | 0 | 0 | -0.1 | -0.1 | 0.33 | 0.33 | 0.4 | 0.4 |
| 30.01 | 40.00 | 0 | 0 | -0.1 | -0.1 | 0.39 | 0.39 | 0.4 | 0.4 |

J28 J33 N6

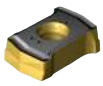


SANDVIK Coromant

# Overzicht wisselplaten

| Centrumwisselplaat | | | Informatie over geometrieën |
|---|---|---|---|
| **L5** |  | P M N S H | - Langspanende materialen<br>- Gehard staal<br>- Lage tot gemiddelde voeding<br>- Licht snijdend |
| **M7** |  | P K | - Kortspanend materiaal<br>- Lage tot hoge voeding<br>- Taaie, versterkte snijkant |

| Omtrekwisselplaat | | | Informatie over geometrieën |
|---|---|---|---|
| **M7W** |  | P K H | - Eerste keuze in kortspanende materialen<br>- Lage tot hoge voeding<br>- Taaie, versterkte snijkant |
| **L5W** |  | P M N S | - Langspanende materialen<br>- Lage tot gemiddelde voeding<br>- Licht snijdend |
| **H5W** |  | P M | - Aanvullend voor materialen met vloeispanen<br>- Lage tot gemiddelde voeding<br>- Negatieve T-fase<br>- Hoge snijkrachten |
| **S5W** |  | M N S | - Scherp en extreem licht snijdend<br>- Lage voeding |
| **L6W** |  | P M K N S H | - Allround geometrie voor gemengde productie<br>- Eerste keuze voor Inconel en gehard staal<br>- Lage tot gemiddelde voeding<br>- Licht snijdend |

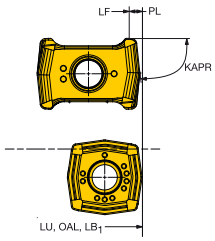
| Centrumwisselplaat | | | Informatie over hardmetaalsoorten |
|---|---|---|---|
| |  | P K S H | **GC1344**<br>- PVD-gecoat met Zertivo® technologie<br>- Uitstekende slijtvastheid en taaiheid |
| |  | M S | **GC1144**<br>- PVD-gecoate soort voor alle typen ISO M en titanium materialen |
| |  | N S | **H13A**<br>- ?Universele, taaie en niet-gecoate soort voor lage tot matige snijsnelheden<br>- Aanvullende soort voor ISO S |
| **Omtrekwisselplaat** | | | **Informatie over hardmetaalsoorten** |
| |  | P M K H | **GC4334**<br>- Goede tot gemiddelde condities<br>- CVD coating met Inveio® technologie biedt een betere slijtvastheid |
| |  | M S | **GC2044**<br>- PVD-oxide coating voor uitmuntende slijtvastheid |
| |  | P M K N S H | **GC4344**<br>- PVD-coating met Zertivo® technologie<br>- Zware en veeleisende bewerkingen<br>- Biedt goede snijkant eigenschappen en betrouwbare standtijd |
| |  | P K | **GC4324**<br>- MT-CVD coating met Inveio® technologie<br>- Productieve keuze bij stabiele omstandigheden |
| |  | N S | **H13A**<br>- ?Universele, taaie en niet-gecoate soort voor lage tot matige snijsnelheden<br>- Aanvullende soort voor ISO S |

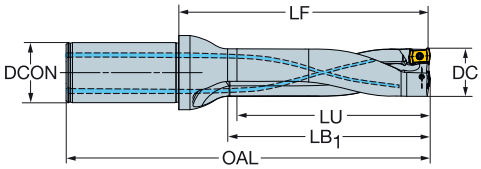
# CoroDrill® DS20 wisselplaatboor

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**






| DC | | | LU | CZC$_{MS}$ | ADJLX | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | OAL | LB$_1$ | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15.00 | 01C | 01P | 60.00 | 20 | 1.00 | 0.00 | 0.27 | DS20-D1500L20-04 | 20.00 | 80.69 | 131.00 | 63.00 | 0.46 | 81° | 10 | 0.190 | 24000 |
| | | | 75.00 | 20 | 1.00 | 0.00 | 0.27 | DS20-D1500L20-05 | 20.00 | 95.69 | 146.00 | 78.00 | 0.46 | 81° | 10 | 0.200 | 15000 |
| | | | 90.00 | 20 | 1.00 | -0.10 | 0.40 | DS20-D1500L20-06 | 20.00 | 110.69 | 161.00 | 93.00 | 0.46 | 81° | 10 | 0.210 | 11000 |
| | | | 105.00 | 20 | 1.00 | -0.10 | 0.40 | DS20-D1500L20-07 | 20.00 | 125.69 | 176.00 | 108.00 | 0.46 | 81° | 10 | 0.219 | 8000 |
| 16.00 | 01C | 01P | 64.00 | 20 | 0.75 | 0.00 | 0.27 | DS20-D1600L20-04 | 20.00 | 84.69 | 135.00 | 67.00 | 0.46 | 81° | 10 | 0.220 | 22000 |
| | | | 80.00 | 20 | 0.75 | 0.00 | 0.27 | DS20-D1600L20-05 | 20.00 | 100.69 | 151.00 | 83.00 | 0.46 | 81° | 10 | 0.212 | 14000 |
| | | | 96.00 | 20 | 0.75 | -0.10 | 0.40 | DS20-D1600L20-06 | 20.00 | 116.69 | 167.00 | 99.00 | 0.46 | 81° | 10 | 0.224 | 10000 |
| | | | 112.00 | 20 | 0.75 | -0.10 | 0.40 | DS20-D1600L20-07 | 20.00 | 132.69 | 183.00 | 115.00 | 0.46 | 81° | 10 | 0.236 | 7000 |
| 17.00 | 01C | 01P | 68.00 | 20 | 0.50 | 0.00 | 0.27 | DS20-D1700L20-04 | 20.00 | 88.69 | 139.00 | 71.00 | 0.46 | 81° | 10 | 0.211 | 21000 |
| | | | 85.00 | 20 | 0.50 | 0.00 | 0.27 | DS20-D1700L20-05 | 20.00 | 105.69 | 156.00 | 88.00 | 0.46 | 81° | 10 | 0.226 | 13000 |
| | | | 102.00 | 20 | 0.50 | -0.10 | 0.40 | DS20-D1700L20-06 | 20.00 | 122.69 | 173.00 | 105.00 | 0.46 | 81° | 10 | 0.240 | 9000 |
| | | | 119.00 | 20 | 0.50 | -0.10 | 0.40 | DS20-D1700L20-07 | 20.00 | 139.69 | 190.00 | 122.00 | 0.46 | 81° | 10 | 0.255 | 7000 |
| 18.00 | 01C | 01P | 72.00 | 25 | 0.25 | 0.00 | 0.27 | DS20-D1800L25-04 | 25.00 | 96.69 | 153.00 | 75.00 | 0.46 | 81° | 10 | 0.348 | 20000 |
| | | | 90.00 | 25 | 0.25 | 0.00 | 0.27 | DS20-D1800L25-05 | 25.00 | 114.69 | 171.00 | 93.00 | 0.46 | 81° | 10 | 0.366 | 13000 |
| | | | 108.00 | 25 | 0.25 | -0.10 | 0.40 | DS20-D1800L25-06 | 25.00 | 132.69 | 189.00 | 111.00 | 0.46 | 81° | 10 | 0.383 | 9000 |
| | | | 126.00 | 25 | 0.25 | -0.10 | 0.40 | DS20-D1800L25-07 | 25.00 | 150.69 | 207.00 | 129.00 | 0.46 | 81° | 10 | 0.400 | 6000 |
| 19.00 | 02C | 02P | 76.00 | 25 | 1.06 | 0.00 | 0.33 | DS20-D1900L25-04 | 25.00 | 100.62 | 157.00 | 79.00 | 0.55 | 81° | 10 | 0.348 | 19000 |
| | | | 95.00 | 25 | 1.06 | 0.00 | 0.33 | DS20-D1900L25-05 | 25.00 | 119.62 | 176.00 | 98.00 | 0.55 | 81° | 10 | 0.367 | 12000 |
| | | | 114.00 | 25 | 1.06 | -0.10 | 0.40 | DS20-D1900L25-06 | 25.00 | 138.62 | 195.00 | 117.00 | 0.55 | 81° | 10 | 0.387 | 8000 |
| | | | 133.00 | 25 | 1.06 | -0.10 | 0.40 | DS20-D1900L25-07 | 25.00 | 157.62 | 214.00 | 136.00 | 0.55 | 81° | 10 | 0.405 | 6000 |
| 20.00 | 02C | 02P | 80.00 | 25 | 0.82 | 0.00 | 0.33 | DS20-D2000L25-04 | 25.00 | 104.62 | 161.00 | 83.00 | 0.55 | 81° | 10 | 0.364 | 18000 |
| | | | 100.00 | 25 | 0.82 | 0.00 | 0.33 | DS20-D2000L25-05 | 25.00 | 124.62 | 181.00 | 103.00 | 0.55 | 81° | 10 | 0.386 | 11000 |
| | | | 120.00 | 25 | 0.82 | -0.10 | 0.40 | DS20-D2000L25-06 | 25.00 | 144.62 | 201.00 | 123.00 | 0.55 | 81° | 10 | 0.409 | 8000 |
| | | | 140.00 | 25 | 0.82 | -0.10 | 0.40 | DS20-D2000L25-07 | 25.00 | 164.62 | 221.00 | 143.00 | 0.55 | 81° | 10 | 0.431 | 6000 |
| 21.00 | 02C | 02P | 84.00 | 25 | 0.58 | 0.00 | 0.33 | DS20-D2100L25-04 | 25.00 | 108.62 | 165.00 | 87.00 | 0.55 | 81° | 10 | 0.381 | 17000 |
| | | | 105.00 | 25 | 0.58 | 0.00 | 0.33 | DS20-D2100L25-05 | 25.00 | 129.62 | 186.00 | 108.00 | 0.55 | 81° | 10 | 0.407 | 11000 |
| | | | 126.00 | 25 | 0.58 | -0.10 | 0.40 | DS20-D2100L25-06 | 25.00 | 150.62 | 207.00 | 129.00 | 0.55 | 81° | 10 | 0.434 | 8000 |
| | | | 147.00 | 25 | 0.58 | -0.10 | 0.40 | DS20-D2100L25-07 | 25.00 | 171.62 | 228.00 | 150.00 | 0.55 | 81° | 10 | 0.460 | 5000 |
| 22.00 | 02C | 02P | 88.00 | 25 | 0.34 | 0.00 | 0.33 | DS20-D2200L25-04 | 25.00 | 112.62 | 169.00 | 91.00 | 0.55 | 81° | 10 | 0.401 | 16000 |
| | | | 110.00 | 25 | 0.34 | 0.00 | 0.33 | DS20-D2200L25-05 | 25.00 | 134.62 | 191.00 | 113.00 | 0.55 | 81° | 10 | 0.431 | 10000 |
| | | | 132.00 | 25 | 0.34 | -0.10 | 0.40 | DS20-D2200L25-06 | 25.00 | 156.62 | 213.00 | 135.00 | 0.55 | 81° | 10 | 0.463 | 7000 |
| | | | 154.00 | 25 | 0.34 | -0.10 | 0.40 | DS20-D2200L25-07 | 25.00 | 178.62 | 235.00 | 157.00 | 0.55 | 81° | 10 | 0.494 | 5000 |
| 23.00 | 03C | 03P | 92.00 | 25 | 1.30 | 0.00 | 0.33 | DS20-D2300L25-04 | 25.00 | 117.53 | 174.00 | 96.00 | 0.66 | 81° | 10 | 0.420 | 15000 |
| | | | 115.00 | 25 | 1.30 | 0.00 | 0.33 | DS20-D2300L25-05 | 25.00 | 140.53 | 197.00 | 119.00 | 0.66 | 81° | 10 | 0.452 | 10000 |
| | | | 138.00 | 25 | 1.30 | -0.10 | 0.40 | DS20-D2300L25-06 | 25.00 | 163.53 | 220.00 | 142.00 | 0.66 | 81° | 10 | 0.488 | 7000 |
| | | | 161.00 | 25 | 1.30 | -0.10 | 0.40 | DS20-D2300L25-07 | 25.00 | 186.53 | 243.00 | 165.00 | 0.66 | 81° | 10 | 0.524 | 5000 |
| 24.00 | 03C | 03P | 96.00 | 25 | 1.10 | 0.00 | 0.33 | DS20-D2400L25-04 | 25.00 | 121.53 | 178.00 | 100.00 | 0.66 | 81° | 10 | 0.439 | 15000 |
| | | | 120.00 | 25 | 1.10 | 0.00 | 0.33 | DS20-D2400L25-05 | 25.00 | 145.53 | 202.00 | 124.00 | 0.66 | 81° | 10 | 0.550 | 9000 |
| | | | 144.00 | 25 | 1.10 | -0.10 | 0.40 | DS20-D2400L25-06 | 25.00 | 169.53 | 226.00 | 148.00 | 0.66 | 81° | 10 | 0.520 | 6000 |
| | | | 168.00 | 25 | 1.10 | -0.10 | 0.40 | DS20-D2400L25-07 | 25.00 | 193.53 | 250.00 | 172.00 | 0.66 | 81° | 10 | 0.561 | 5000 |
| 25.00 | 03C | 03P | 100.00 | 25 | 0.90 | 0.00 | 0.33 | DS20-D2500L25-04 | 25.00 | 125.53 | 182.00 | 104.00 | 0.66 | 81° | 10 | 0.463 | 14000 |
| | | | 125.00 | 25 | 0.90 | 0.00 | 0.33 | DS20-D2500L25-05 | 25.00 | 150.53 | 207.00 | 129.00 | 0.66 | 81° | 10 | 0.510 | 9000 |
| | | | 150.00 | 25 | 0.90 | -0.10 | 0.40 | DS20-D2500L25-06 | 25.00 | 175.53 | 232.00 | 154.00 | 0.66 | 81° | 10 | 0.557 | 6000 |
| | | | 175.00 | 25 | 0.90 | -0.10 | 0.40 | DS20-D2500L25-07 | 25.00 | 200.53 | 257.00 | 179.00 | 0.66 | 81° | 10 | 0.603 | 4000 |

| | Reserve onderdelen |
|---|---|
| DC | Wisselplaat-schroef |
| 15.00-18.00 | 5513 020-27 |
| 18.01-22.00 | 5513 020-88 |
| 22.01-27.00 | 5513 020-58 |
| 27.01-33.00 | 5513 020-57 |
| 33.01-40.00 | 416.1-833 |
| 40.01-65.00 | 416.1-834 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

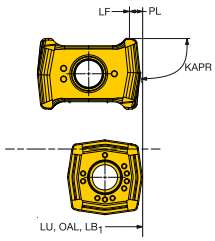
J33 N23 N15

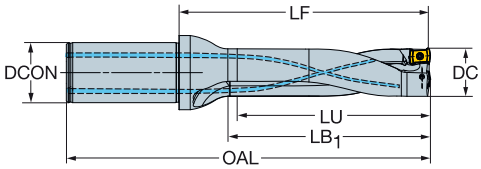
# CoroDrill® DS20 wisselplaatboor

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**






| DC | | | LU | $CZC_{MS}$ | ADJLX | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26.00 | 03C | 03P | 104.00 | 32 | 0.70 | 0.00 | 0.33 | DS20-D2600L32-04 | 32.00 | 133.53 | 194.00 | 108.00 | 0.66 | 81° | 10 | 0.600 | 14000 |
| | | | 130.00 | 32 | 0.70 | 0.00 | 0.33 | DS20-D2600L32-05 | 32.00 | 159.53 | 220.00 | 134.00 | 0.66 | 81° | 10 | 0.758 | 9000 |
| | | | 156.00 | 32 | 0.70 | -0.10 | 0.40 | DS20-D2600L32-06 | 32.00 | 185.53 | 246.00 | 160.00 | 0.66 | 81° | 10 | 0.812 | 6000 |
| | | | 182.00 | 32 | 0.70 | -0.10 | 0.40 | DS20-D2600L32-07 | 32.00 | 211.53 | 272.00 | 186.00 | 0.66 | 81° | 10 | 0.865 | 4000 |
| 27.00 | 03C | 03P | 108.00 | 32 | 0.50 | 0.00 | 0.33 | DS20-D2700L32-04 | 32.00 | 136.53 | 197.00 | 112.00 | 0.66 | 81° | 10 | 0.734 | 13000 |
| | | | 135.00 | 32 | 0.50 | 0.00 | 0.33 | DS20-D2700L32-05 | 32.00 | 163.53 | 224.00 | 139.00 | 0.66 | 81° | 10 | 0.794 | 8000 |
| | | | 162.00 | 32 | 0.50 | -0.10 | 0.40 | DS20-D2700L32-06 | 32.00 | 190.53 | 251.00 | 166.00 | 0.66 | 81° | 10 | 0.854 | 6000 |
| | | | 189.00 | 32 | 0.50 | -0.10 | 0.40 | DS20-D2700L32-07 | 32.00 | 217.53 | 278.00 | 193.00 | 0.66 | 81° | 10 | 0.912 | 4000 |
| 28.00 | 04C | 04P | 112.00 | 32 | 2.12 | 0.00 | 0.33 | DS20-D2800L32-04 | 32.00 | 140.16 | 201.00 | 116.00 | 0.83 | 81° | 10 | 0.743 | 13000 |
| | | | 140.00 | 32 | 2.12 | 0.00 | 0.33 | DS20-D2800L32-05 | 32.00 | 168.16 | 229.00 | 144.00 | 0.83 | 81° | 10 | 0.809 | 8000 |
| | | | 168.00 | 32 | 2.12 | -0.10 | 0.40 | DS20-D2800L32-06 | 32.00 | 196.16 | 257.00 | 172.00 | 0.83 | 81° | 10 | 0.874 | 6000 |
| | | | 196.00 | 32 | 2.12 | -0.10 | 0.40 | DS20-D2800L32-07 | 32.00 | 224.16 | 285.00 | 200.00 | 0.83 | 81° | 10 | 0.939 | 4000 |
| 29.00 | 04C | 04P | 116.00 | 32 | 1.84 | 0.00 | 0.33 | DS20-D2900L32-04 | 32.00 | 144.16 | 205.00 | 120.00 | 0.83 | 81° | 10 | 0.773 | 12000 |
| | | | 145.00 | 32 | 1.84 | 0.00 | 0.33 | DS20-D2900L32-05 | 32.00 | 173.16 | 234.00 | 149.00 | 0.83 | 81° | 10 | 0.846 | 8000 |
| | | | 174.00 | 32 | 1.84 | -0.10 | 0.40 | DS20-D2900L32-06 | 32.00 | 202.16 | 263.00 | 178.00 | 0.83 | 81° | 10 | 0.918 | 5000 |
| | | | 203.00 | 32 | 1.84 | -0.10 | 0.40 | DS20-D2900L32-07 | 32.00 | 231.16 | 292.00 | 207.00 | 0.83 | 81° | 10 | 0.991 | 4000 |
| 30.00 | 04C | 04P | 120.00 | 32 | 1.56 | 0.00 | 0.33 | DS20-D3000L32-04 | 32.00 | 148.16 | 209.00 | 124.00 | 0.83 | 81° | 10 | 0.805 | 12000 |
| | | | 150.00 | 32 | 1.56 | 0.00 | 0.33 | DS20-D3000L32-05 | 32.00 | 178.16 | 239.00 | 154.00 | 0.83 | 81° | 10 | 0.885 | 8000 |
| | | | 180.00 | 32 | 1.56 | -0.10 | 0.40 | DS20-D3000L32-06 | 32.00 | 208.16 | 269.00 | 184.00 | 0.83 | 81° | 10 | 0.966 | 5000 |
| | | | 210.00 | 32 | 1.56 | -0.10 | 0.40 | DS20-D3000L32-07 | 32.00 | 238.16 | 299.00 | 214.00 | 0.83 | 81° | 10 | 1.046 | 4000 |
| 31.00 | 04C | 04P | 124.00 | 40 | 1.28 | 0.00 | 0.35 | DS20-D3100L40-04 | 40.00 | 158.16 | 229.00 | 128.00 | 0.83 | 81° | 10 | 1.250 | 12000 |
| | | | 155.00 | 40 | 1.28 | 0.00 | 0.35 | DS20-D3100L40-05 | 40.00 | 189.16 | 260.00 | 159.00 | 0.83 | 81° | 10 | 1.339 | 7000 |
| | | | 186.00 | 40 | 1.28 | -0.10 | 0.40 | DS20-D3100L40-06 | 40.00 | 220.16 | 291.00 | 190.00 | 0.83 | 81° | 10 | 1.428 | 5000 |
| | | | 217.00 | 40 | 1.28 | -0.10 | 0.40 | DS20-D3100L40-07 | 40.00 | 251.16 | 322.00 | 221.00 | 0.83 | 81° | 10 | 1.516 | 4000 |
| 32.00 | 04C | 04P | 128.00 | 40 | 1.00 | 0.00 | 0.35 | DS20-D3200L40-04 | 40.00 | 162.16 | 233.00 | 132.00 | 0.83 | 81° | 10 | 1.286 | 11000 |
| | | | 160.00 | 40 | 1.00 | 0.00 | 0.35 | DS20-D3200L40-05 | 40.00 | 194.16 | 265.00 | 164.00 | 0.83 | 81° | 10 | 1.384 | 7000 |
| | | | 192.00 | 40 | 1.00 | -0.10 | 0.40 | DS20-D3200L40-06 | 40.00 | 226.16 | 297.00 | 196.00 | 0.83 | 81° | 10 | 1.481 | 5000 |
| | | | 224.00 | 40 | 1.00 | -0.10 | 0.40 | DS20-D3200L40-07 | 40.00 | 258.16 | 329.00 | 228.00 | 0.83 | 81° | 10 | 1.579 | 3000 |
| 33.00 | 04C | 04P | 132.00 | 40 | 0.72 | 0.00 | 0.35 | DS20-D3300L40-04 | 40.00 | 165.16 | 236.00 | 136.00 | 0.83 | 81° | 10 | 1.313 | 11000 |
| | | | 165.00 | 40 | 0.72 | 0.00 | 0.35 | DS20-D3300L40-05 | 40.00 | 198.16 | 269.00 | 169.00 | 0.83 | 81° | 10 | 1.420 | 7000 |
| | | | 198.00 | 40 | 0.72 | -0.10 | 0.40 | DS20-D3300L40-06 | 40.00 | 231.16 | 302.00 | 202.00 | 0.83 | 81° | 10 | 1.527 | 5000 |
| | | | 231.00 | 40 | 0.72 | -0.10 | 0.40 | DS20-D3300L40-07 | 40.00 | 264.16 | 335.00 | 235.00 | 0.83 | 81° | 10 | 1.634 | 3000 |
| 34.00 | 05C | 05P | 136.00 | 40 | 2.16 | 0.00 | 0.35 | DS20-D3400L40-04 | 40.00 | 169.28 | 240.00 | 140.00 | 1.00 | 81° | 10 | 1.354 | 11000 |
| | | | 170.00 | 40 | 2.16 | 0.00 | 0.35 | DS20-D3400L40-05 | 40.00 | 203.28 | 274.00 | 174.00 | 1.00 | 81° | 10 | 1.471 | 7000 |
| | | | 204.00 | 40 | 2.16 | -0.10 | 0.40 | DS20-D3400L40-06 | 40.00 | 237.28 | 308.00 | 208.00 | 1.00 | 81° | 10 | 1.531 | 4000 |
| | | | 238.00 | 40 | 2.16 | -0.10 | 0.40 | DS20-D3400L40-07 | 40.00 | 271.28 | 342.00 | 242.00 | 1.00 | 81° | 10 | 1.705 | 3000 |
| 35.00 | 05C | 05P | 140.00 | 40 | 1.92 | 0.00 | 0.35 | DS20-D3500L40-04 | 40.00 | 173.28 | 244.00 | 144.00 | 1.00 | 81° | 10 | 1.398 | 10000 |
| | | | 175.00 | 40 | 1.92 | 0.00 | 0.35 | DS20-D3500L40-05 | 40.00 | 208.28 | 279.00 | 179.00 | 1.00 | 81° | 10 | 1.525 | 6000 |
| | | | 210.00 | 40 | 1.92 | -0.10 | 0.40 | DS20-D3500L40-06 | 40.00 | 243.28 | 314.00 | 214.00 | 1.00 | 81° | 10 | 1.653 | 4000 |
| | | | 245.00 | 40 | 1.92 | -0.10 | 0.40 | DS20-D3500L40-07 | 40.00 | 278.28 | 349.00 | 249.00 | 1.00 | 81° | 10 | 1.781 | 3000 |
| 36.00 | 05C | 05P | 144.00 | 40 | 1.68 | 0.00 | 0.35 | DS20-D3600L40-04 | 40.00 | 177.28 | 248.00 | 148.00 | 1.00 | 81° | 10 | 1.443 | 10000 |
| | | | 180.00 | 40 | 1.68 | 0.00 | 0.35 | DS20-D3600L40-05 | 40.00 | 213.28 | 284.00 | 184.00 | 1.00 | 81° | 10 | 1.582 | 6000 |
| | | | 216.00 | 40 | 1.68 | -0.10 | 0.40 | DS20-D3600L40-06 | 40.00 | 249.28 | 320.00 | 220.00 | 1.00 | 81° | 10 | 1.721 | 4000 |
| | | | 252.00 | 40 | 1.68 | -0.10 | 0.40 | DS20-D3600L40-07 | 40.00 | 285.28 | 356.00 | 256.00 | 1.00 | 81° | 10 | 1.860 | 3000 |

| | Reserve onderdelen |
|---|---|
| DC | Wisselplaat-schroef |
| 15.00-18.00 | 5513 020-27 |
| 18.01-22.00 | 5513 020-88 |
| 22.01-27.00 | 5513 020-58 |
| 27.01-33.00 | 5513 020-57 |
| 33.01-40.00 | 416.1-833 |
| 40.01-65.00 | 416.1-834 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

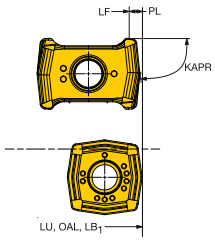
J33 N23 N15

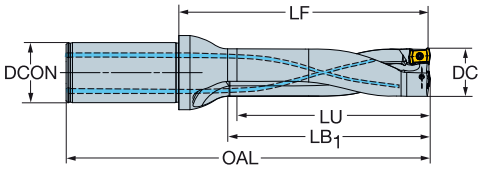
# CoroDrill® DS20 wisselplaatboor

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**






| DC | | | LU | CZC$_{MS}$ | ADJLX | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | OAL | LB$_1$ | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37.00 | 05C | 05P | 148.00 | 40 | 1.44 | 0.00 | 0.35 | **DS20-D3700L40-04** | 40.00 | 181.28 | 252.00 | 152.00 | 1.00 | 81° | 10 | 1.492 | 10000 |
| | | | 185.00 | 40 | 1.44 | 0.00 | 0.35 | **DS20-D3700L40-05** | 40.00 | 218.28 | 289.00 | 189.00 | 1.00 | 81° | 10 | 1.643 | 6000 |
| | | | 222.00 | 40 | 1.44 | -0.10 | 0.40 | **DS20-D3700L40-06** | 40.00 | 255.28 | 326.00 | 226.00 | 1.00 | 81° | 10 | 1.794 | 4000 |
| | | | 259.00 | 40 | 1.44 | -0.10 | 0.40 | **DS20-D3700L40-07** | 40.00 | 292.28 | 363.00 | 263.00 | 1.00 | 81° | 10 | 1.945 | 3000 |
| 38.00 | 05C | 05P | 152.00 | 40 | 1.20 | 0.00 | 0.35 | **DS20-D3800L40-04** | 40.00 | 185.28 | 256.00 | 156.00 | 1.00 | 81° | 10 | 1.543 | 9000 |
| | | | 190.00 | 40 | 1.20 | 0.00 | 0.35 | **DS20-D3800L40-05** | 40.00 | 223.28 | 294.00 | 194.00 | 1.00 | 81° | 10 | 1.707 | 6000 |
| | | | 228.00 | 40 | 1.20 | -0.10 | 0.40 | **DS20-D3800L40-06** | 40.00 | 261.28 | 332.00 | 232.00 | 1.00 | 81° | 10 | 1.870 | 4000 |
| | | | 266.00 | 40 | 1.20 | -0.10 | 0.40 | **DS20-D3800L40-07** | 40.00 | 299.28 | 370.00 | 270.00 | 1.00 | 81° | 10 | 2.390 | 3000 |
| 39.00 | 05C | 05P | 156.00 | 40 | 0.96 | 0.00 | 0.35 | **DS20-D3900L40-04** | 40.00 | 189.28 | 260.00 | 160.00 | 1.00 | 81° | 10 | 1.597 | 9000 |
| | | | 195.00 | 40 | 0.96 | 0.00 | 0.35 | **DS20-D3900L40-05** | 40.00 | 228.28 | 299.00 | 199.00 | 1.00 | 81° | 10 | 1.774 | 6000 |
| | | | 234.00 | 40 | 0.96 | -0.10 | 0.40 | **DS20-D3900L40-06** | 40.00 | 267.28 | 338.00 | 238.00 | 1.00 | 81° | 10 | 1.950 | 4000 |
| | | | 273.00 | 40 | 0.96 | -0.10 | 0.40 | **DS20-D3900L40-07** | 40.00 | 306.28 | 377.00 | 277.00 | 1.00 | 81° | 10 | 2.127 | 3000 |
| 40.00 | 05C | 05P | 160.00 | 40 | 0.72 | 0.00 | 0.35 | **DS20-D4000L40-04** | 40.00 | 193.28 | 264.00 | 164.00 | 1.00 | 81° | 10 | 1.654 | 9000 |
| | | | 200.00 | 40 | 0.72 | 0.00 | 0.35 | **DS20-D4000L40-05** | 40.00 | 233.28 | 304.00 | 204.00 | 1.00 | 81° | 10 | 1.844 | 6000 |
| | | | 240.00 | 40 | 0.72 | -0.10 | 0.40 | **DS20-D4000L40-06** | 40.00 | 273.28 | 344.00 | 244.00 | 1.00 | 81° | 10 | 2.035 | 4000 |
| | | | 280.00 | 40 | 0.72 | -0.10 | 0.40 | **DS20-D4000L40-07** | 40.00 | 313.28 | 384.00 | 284.00 | 1.00 | 81° | 10 | 2.226 | 3000 |

| | Reserve onderdelen |
|---|---|
| DC | Wisselplaat-schroef |
| 15.00-18.00 | 5513 020-27 |
| 18.01-22.00 | 5513 020-88 |
| 22.01-27.00 | 5513 020-58 |
| 27.01-33.00 | 5513 020-57 |
| 33.01-40.00 | 416.1-833 |
| 40.01-65.00 | 416.1-834 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

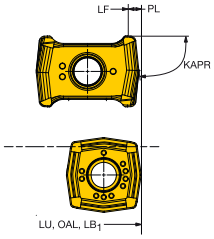
J33 N23 N15

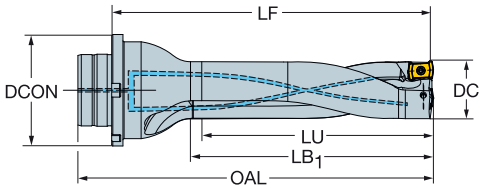
# CoroDrill® DS20 wisselplaatboor

**Modulaire boorkoppeling**

**Inwendige koelvloeistoftoevoer**






| | | | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DC | | | LU | $CZC_{MS}$ | ADJLX | TCHAL | TCHAU | **Bestelnummer** | $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | KAPR | BAR | KG | RPMX |
| 15.00 | 01C | 01P | 60.00 | MDI-20 | 1.00 | 0.00 | 0.27 | **DS20-D1500DM20-04** | 20.00 | 88.69 | 104.00 | 63.00 | 0.46 | 81° | 10 | 0.191 | 24000 |
| | | | 105.00 | MDI-20 | 1.00 | -0.10 | 0.40 | **DS20-D1500DM20-07** | 20.00 | 133.69 | 149.00 | 108.00 | 0.46 | 81° | 10 | 0.204 | 8000 |
| 16.00 | 01C | 01P | 64.00 | MDI-20 | 0.75 | 0.00 | 0.27 | **DS20-D1600DM20-04** | 20.00 | 92.69 | 108.00 | 67.00 | 0.46 | 81° | 10 | 0.199 | 22000 |
| | | | 112.00 | MDI-20 | 0.75 | -0.10 | 0.40 | **DS20-D1600DM20-07** | 20.00 | 140.69 | 156.00 | 115.00 | 0.46 | 81° | 10 | 0.219 | 7000 |
| 17.00 | 01C | 01P | 68.00 | MDI-20 | 0.50 | 0.00 | 0.27 | **DS20-D1700DM20-04** | 20.00 | 96.69 | 112.00 | 71.00 | 0.46 | 81° | 10 | 0.211 | 21000 |
| | | | 119.00 | MDI-20 | 0.50 | -0.10 | 0.40 | **DS20-D1700DM20-07** | 20.00 | 147.69 | 163.00 | 122.00 | 0.46 | 81° | 10 | 0.236 | 7000 |
| 18.00 | 01C | 01P | 72.00 | MDI-25 | 0.25 | 0.00 | 0.27 | **DS20-D1800DM25-04** | 25.00 | 104.69 | 120.00 | 75.00 | 0.46 | 81° | 10 | 0.317 | 20000 |
| | | | 126.00 | MDI-25 | 0.25 | -0.10 | 0.40 | **DS20-D1800DM25-07** | 25.00 | 158.69 | 174.00 | 129.00 | 0.46 | 81° | 10 | 0.353 | 6000 |
| 19.00 | 02C | 02P | 76.00 | MDI-25 | 1.06 | 0.00 | 0.33 | **DS20-D1900DM25-04** | 25.00 | 108.62 | 124.00 | 79.00 | 0.55 | 81° | 10 | 0.313 | 19000 |
| | | | 133.00 | MDI-25 | 1.06 | -0.10 | 0.40 | **DS20-D1900DM25-07** | 25.00 | 165.62 | 181.00 | 136.00 | 0.55 | 81° | 10 | 0.389 | 6000 |
| 20.00 | 02C | 02P | 80.00 | MDI-25 | 0.82 | 0.00 | 0.33 | **DS20-D2000DM25-04** | 25.00 | 112.62 | 128.00 | 83.00 | 0.55 | 81° | 10 | 0.340 | 18000 |
| | | | 140.00 | MDI-25 | 0.82 | -0.10 | 0.40 | **DS20-D2000DM25-07** | 25.00 | 172.62 | 188.00 | 143.00 | 0.55 | 81° | 10 | 0.400 | 6000 |
| 21.00 | 02C | 02P | 84.00 | MDI-25 | 0.58 | 0.00 | 0.33 | **DS20-D2100DM25-04** | 25.00 | 116.62 | 132.00 | 87.00 | 0.55 | 81° | 10 | 0.342 | 17000 |
| | | | 147.00 | MDI-25 | 0.58 | -0.10 | 0.40 | **DS20-D2100DM25-07** | 25.00 | 179.62 | 195.00 | 150.00 | 0.55 | 81° | 10 | 0.425 | 5000 |
| 22.00 | 02C | 02P | 88.00 | MDI-25 | 0.34 | 0.00 | 0.33 | **DS20-D2200DM25-04** | 25.00 | 120.62 | 136.00 | 91.00 | 0.55 | 81° | 10 | 0.381 | 16000 |
| | | | 154.00 | MDI-25 | 0.34 | -0.10 | 0.40 | **DS20-D2200DM25-07** | 25.00 | 186.62 | 202.00 | 157.00 | 0.55 | 81° | 10 | 0.500 | 5000 |
| 23.00 | 03C | 03P | 92.00 | MDI-25 | 1.30 | 0.00 | 0.33 | **DS20-D2300DM25-04** | 25.00 | 125.53 | 141.00 | 96.00 | 0.66 | 81° | 10 | 0.379 | 15000 |
| | | | 161.00 | MDI-25 | 1.30 | -0.10 | 0.40 | **DS20-D2300DM25-07** | 25.00 | 194.53 | 210.00 | 165.00 | 0.66 | 81° | 10 | 0.488 | 5000 |
| 24.00 | 03C | 03P | 96.00 | MDI-25 | 1.10 | 0.00 | 0.33 | **DS20-D2400DM25-04** | 25.00 | 129.53 | 145.00 | 100.00 | 0.66 | 81° | 10 | 0.400 | 15000 |
| | | | 168.00 | MDI-25 | 1.10 | -0.10 | 0.40 | **DS20-D2400DM25-07** | 25.00 | 201.53 | 217.00 | 172.00 | 0.66 | 81° | 10 | 0.600 | 5000 |
| 25.00 | 03C | 03P | 100.00 | MDI-25 | 0.90 | 0.00 | 0.33 | **DS20-D2500DM25-04** | 25.00 | 133.53 | 149.00 | 104.00 | 0.66 | 81° | 10 | 0.446 | 14000 |
| | | | 175.00 | MDI-25 | 0.90 | -0.10 | 0.40 | **DS20-D2500DM25-07** | 25.00 | 208.53 | 224.00 | 179.00 | 0.66 | 81° | 10 | 0.600 | 4000 |
| 26.00 | 03C | 03P | 104.00 | MDI-32 | 0.70 | 0.00 | 0.33 | **DS20-D2600DM32-04** | 32.00 | 142.53 | 158.00 | 108.00 | 0.66 | 81° | 10 | 0.700 | 14000 |
| | | | 182.00 | MDI-32 | 0.70 | -0.10 | 0.40 | **DS20-D2600DM32-07** | 32.00 | 220.53 | 236.00 | 186.00 | 0.66 | 81° | 10 | 0.808 | 4000 |
| 27.00 | 03C | 03P | 108.00 | MDI-32 | 0.50 | 0.00 | 0.33 | **DS20-D2700DM32-04** | 32.00 | 146.53 | 162.00 | 112.00 | 0.66 | 81° | 10 | 0.700 | 13000 |
| | | | 189.00 | MDI-32 | 0.50 | -0.10 | 0.40 | **DS20-D2700DM32-07** | 32.00 | 227.53 | 243.00 | 193.00 | 0.66 | 81° | 10 | 0.853 | 4000 |
| 28.00 | 04C | 04P | 112.00 | MDI-32 | 2.12 | 0.00 | 0.33 | **DS20-D2800DM32-04** | 32.00 | 150.16 | 166.00 | 116.00 | 0.83 | 81° | 10 | 0.705 | 13000 |
| | | | 196.00 | MDI-32 | 2.12 | -0.10 | 0.40 | **DS20-D2800DM32-07** | 32.00 | 234.16 | 250.00 | 200.00 | 0.83 | 81° | 10 | 0.901 | 4000 |
| 29.00 | 04C | 04P | 116.00 | MDI-32 | 1.84 | 0.00 | 0.33 | **DS20-D2900DM32-04** | 32.00 | 154.16 | 170.00 | 120.00 | 0.83 | 81° | 10 | 0.734 | 12000 |
| | | | 203.00 | MDI-32 | 1.84 | -0.10 | 0.40 | **DS20-D2900DM32-07** | 32.00 | 241.16 | 257.00 | 207.00 | 0.83 | 81° | 10 | 0.952 | 4000 |
| 30.00 | 04C | 04P | 120.00 | MDI-32 | 1.56 | 0.00 | 0.33 | **DS20-D3000DM32-04** | 32.00 | 158.16 | 174.00 | 124.00 | 0.83 | 81° | 10 | 0.766 | 12000 |
| | | | 210.00 | MDI-32 | 1.56 | -0.10 | 0.40 | **DS20-D3000DM32-07** | 32.00 | 248.16 | 264.00 | 214.00 | 0.83 | 81° | 10 | 1.008 | 4000 |
| 31.00 | 04C | 04P | 124.00 | MDI-32 | 1.28 | 0.00 | 0.35 | **DS20-D3100DM32-04** | 32.00 | 164.16 | 180.00 | 128.00 | 0.83 | 81° | 10 | 0.818 | 12000 |
| | | | 217.00 | MDI-32 | 1.28 | -0.10 | 0.40 | **DS20-D3100DM32-07** | 32.00 | 256.16 | 272.00 | 221.00 | 0.83 | 81° | 10 | 1.075 | 4000 |
| 32.00 | 04C | 04P | 128.00 | MDI-40 | 1.00 | 0.00 | 0.35 | **DS20-D3200DM40-04** | 40.00 | 175.16 | 191.00 | 132.00 | 0.83 | 81° | 10 | 1.260 | 11000 |
| | | | 224.00 | MDI-40 | 1.00 | -0.10 | 0.40 | **DS20-D3200DM40-07** | 40.00 | 271.16 | 287.00 | 228.00 | 0.83 | 81° | 10 | 1.553 | 3000 |
| 33.00 | 04C | 04P | 132.00 | MDI-40 | 0.72 | 0.00 | 0.35 | **DS20-D3300DM40-04** | 40.00 | 179.16 | 195.00 | 136.00 | 0.83 | 81° | 10 | 1.299 | 11000 |
| | | | 231.00 | MDI-40 | 0.72 | -0.10 | 0.40 | **DS20-D3300DM40-07** | 40.00 | 278.16 | 294.00 | 235.00 | 0.83 | 81° | 10 | 1.620 | 3000 |

| | Reserve onderdelen |
|---|---|
| DC | Wisselplaat-schroef |
| 15.00-18.00 | 5513 020-27 |
| 18.01-22.00 | 5513 020-88 |
| 22.01-27.00 | 5513 020-58 |
| 27.01-33.00 | 5513 020-57 |
| 33.01-40.00 | 416.1-833 |
| 40.01-59.00 | 416.1-834 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

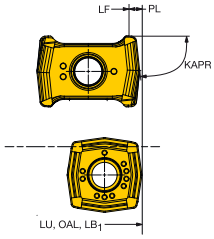
J33 N23 N15

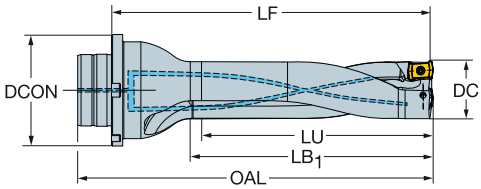
# CoroDrill® DS20 wisselplaatboor

**Modulaire boorkoppeling**

**Inwendige koelvloeistoftoevoer**






| | | | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DC | | | LU | CZC$_{MS}$ | ADJLX | TCHAL | TCHAU | **Bestelnummer** | DCON$_{MS}$ | LF | OAL | LB$_1$ | PL | KAPR | BAR | KG | RPMX |
| 34.00 | 05P | 05P | 136.00 | MDI-40 | 2.16 | 0.00 | 0.35 | **DS20-D3400DM40-04** | 40.00 | 183.28 | 199.00 | 140.00 | 1.00 | 81° | 10 | 1.340 | 11000 |
| | | | 238.00 | MDI-40 | 2.16 | -0.10 | 0.40 | **DS20-D3400DM40-07** | 40.00 | 285.28 | 301.00 | 242.00 | 1.00 | 81° | 10 | 1.691 | 3000 |
| 35.00 | 05C | 05C | 140.00 | MDI-40 | 1.92 | 0.00 | 0.35 | **DS20-D3500DM40-04** | 40.00 | 187.28 | 203.00 | 144.00 | 1.00 | 81° | 10 | 1.383 | 10000 |
| | | | 245.00 | MDI-40 | 1.92 | -0.10 | 0.40 | **DS20-D3500DM40-07** | 40.00 | 292.28 | 308.00 | 249.00 | 1.00 | 81° | 10 | 1.766 | 3000 |
| 36.00 | 05C | 05C | 144.00 | MDI-40 | 1.68 | 0.00 | 0.35 | **DS20-D3600DM40-04** | 40.00 | 191.28 | 207.00 | 148.00 | 1.00 | 81° | 10 | 1.429 | 10000 |
| | | | 252.00 | MDI-40 | 1.68 | -0.10 | 0.40 | **DS20-D3600DM40-07** | 40.00 | 299.28 | 315.00 | 256.00 | 1.00 | 81° | 10 | 1.846 | 3000 |
| 37.00 | 05P | 05P | 148.00 | MDI-40 | 1.44 | 0.00 | 0.35 | **DS20-D3700DM40-04** | 40.00 | 195.28 | 211.00 | 152.00 | 1.00 | 81° | 10 | 1.477 | 10000 |
| | | | 259.00 | MDI-40 | 1.44 | -0.10 | 0.40 | **DS20-D3700DM40-07** | 40.00 | 306.28 | 322.00 | 263.00 | 1.00 | 81° | 10 | 1.930 | 3000 |
| 38.00 | 05P | 05P | 152.00 | MDI-40 | 1.20 | 0.00 | 0.35 | **DS20-D3800DM40-04** | 40.00 | 199.28 | 215.00 | 156.00 | 1.00 | 81° | 10 | 1.529 | 9000 |
| | | | 266.00 | MDI-40 | 1.20 | -0.10 | 0.40 | **DS20-D3800DM40-07** | 40.00 | 313.28 | 329.00 | 270.00 | 1.00 | 81° | 10 | 2.019 | 3000 |
| 39.00 | 05C | 05C | 156.00 | MDI-40 | 0.96 | 0.00 | 0.35 | **DS20-D3900DM40-04** | 40.00 | 203.28 | 219.00 | 160.00 | 1.00 | 81° | 10 | 1.582 | 9000 |
| | | | 273.00 | MDI-40 | 0.96 | -0.10 | 0.40 | **DS20-D3900DM40-07** | 40.00 | 320.28 | 336.00 | 277.00 | 1.00 | 81° | 10 | 2.113 | 3000 |
| 40.00 | 05C | 05P | 160.00 | MDI-40 | 0.72 | 0.00 | 0.35 | **DS20-D4000DM40-04** | 40.00 | 206.28 | 222.00 | 164.00 | 1.00 | 81° | 10 | 1.624 | 9000 |
| | | | 280.00 | MDI-40 | 0.72 | -0.10 | 0.40 | **DS20-D4000DM40-07** | 40.00 | 326.28 | 342.00 | 284.00 | 1.00 | 81° | 10 | 2.196 | 3000 |

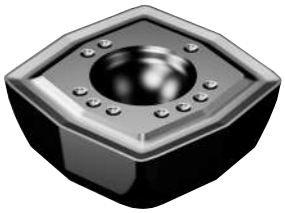
| | Reserve onderdelen |
|---|---|
| DC | Wisselplaat-schroef |
| 15.00-18.00 | 5513 020-27 |
| 18.01-22.00 | 5513 020-88 |
| 22.01-27.00 | 5513 020-58 |
| 27.01-33.00 | 5513 020-57 |
| 33.01-40.00 | 416.1-833 |
| 40.01-59.00 | 416.1-834 |

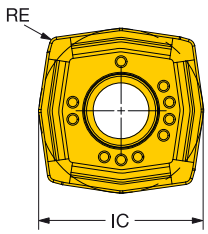
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

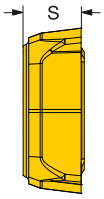
J33 N23 N15

# CoroDrill® DS20 boorwisselplaat

## Centrumwisselplaat

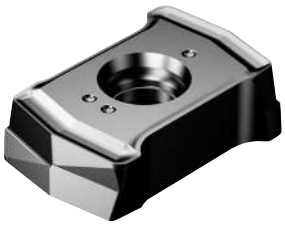


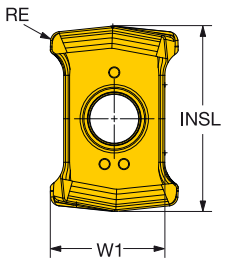


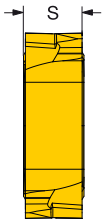




| | INSUC | Bestelnummer | P 1344 | P 1144 | M 1344 | K H13A | K 1344 | N 1344 | N H13A | S 1344 | Afmetingen, mm S | RE | IC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01C | C | DS20-0104-C-L5 | ★ | ★ | | ★ | ☆ | ★ | ☆ | ★ | 2.30 | 0.35 | 6.0 |
| 01C | C | DS20-0104-C-M7 | ★ | | ★ | | | | | ☆ | 2.30 | 0.35 | 6.0 |
| 02C | C | DS20-0205-C-L5 | ★ | ★ | | ★ | ☆ | ★ | ☆ | ★ | 2.60 | 0.35 | 7.3 |
| 02C | C | DS20-0205-C-M7 | ★ | | ★ | | | | | ☆ | 2.60 | 0.35 | 7.3 |
| 03C | C | DS20-0306-C-L5 | ★ | ★ | | ★ | ☆ | ★ | ☆ | ★ | 3.00 | 0.35 | 8.9 |
| 03C | C | DS20-0306-C-M7 | ★ | | ★ | | | | | ☆ | 3.00 | 0.35 | 8.9 |
| 04C | C | DS20-0407-C-L5 | ★ | ★ | | ★ | ☆ | ★ | ☆ | ★ | 3.20 | 0.35 | 11.1 |
| 04C | C | DS20-0407-C-M7 | ★ | | ★ | | | | | ☆ | 3.20 | 0.35 | 11.1 |
| 05C | C | DS20-0508-C-L5 | ★ | ★ | | ★ | ☆ | ★ | ☆ | ★ | 3.50 | 0.35 | 13.4 |
| 05C | C | DS20-0508-C-M7 | ★ | | ★ | | | | | ☆ | 3.50 | 0.35 | 13.4 |

## Omtrekwisselplaat

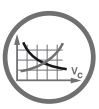





| | INSUC | Bestelnummer | P 4324 | P 4334 | P 4344 | M 2044 | M 4334 | M 4344 | K 4324 | K 4334 | K 4344 | N 4344 | N H13A | S 2044 | S 4344 | S H13A | H 4334 | H 4344 | Afmetingen, mm S | RE | W1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01P | P | DS20-0104-P-H5W | | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 2.73 | 0.40 | 5.0 |
| 01P | P | DS20-0104-P-L5W | ☆ | ★ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | | | | 2.73 | 0.40 | 5.0 |
| 01P | P | DS20-0104-P-L6W | | | ☆ | | | ☆ | | | ☆ | ☆ | | | ★ | | | ★ | 2.73 | 0.40 | 5.0 |
| 01P | P | DS20-0104-P-M7W | ☆ | ★ | ☆ | | | | ☆ | ★ | ☆ | | | | | | ☆ | ☆ | 2.73 | 0.40 | 5.0 |
| 01P | P | DS20-0104-P-S5W | | | | | | ☆ | | | | ☆ | ★ | | ★ | ☆ | | | 2.73 | 0.40 | 5.0 |
| 02P | P | DS20-0205-P-H5W | | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 3.10 | 0.50 | 6.1 |
| 02P | P | DS20-0205-P-L5W | ☆ | ★ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | | | | 3.10 | 0.50 | 6.1 |
| 02P | P | DS20-0205-P-L6W | | | ☆ | | | ☆ | | | ☆ | ☆ | | | ★ | | | ★ | 3.10 | 0.50 | 6.1 |
| 02P | P | DS20-0205-P-M7W | ☆ | ★ | ☆ | | | | ☆ | ★ | ☆ | | | | | | ☆ | ☆ | 3.10 | 0.50 | 6.1 |
| 02P | P | DS20-0205-P-S5W | | | | | | ☆ | | | | ☆ | ★ | | ★ | ☆ | | | 3.10 | 0.50 | 6.1 |
| 03P | P | DS20-0306-P-H5W | | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 3.53 | 0.60 | 7.3 |
| 03P | P | DS20-0306-P-L5W | ☆ | ★ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | | | | 3.53 | 0.60 | 7.3 |
| 03P | P | DS20-0306-P-L6W | | | ☆ | | | ☆ | | | ☆ | ☆ | | | ★ | | | ★ | 3.53 | 0.60 | 7.3 |
| 03P | P | DS20-0306-P-M7W | ☆ | ★ | ☆ | | | | ☆ | ★ | ☆ | | | | | | ☆ | ☆ | 3.53 | 0.60 | 7.3 |
| 03P | P | DS20-0306-P-S5W | | | | | | ☆ | | | | ☆ | ★ | | ★ | ☆ | | | 3.53 | 0.60 | 7.3 |
| 04P | P | DS20-0407-P-H5W | | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 4.25 | 0.70 | 9.2 |
| 04P | P | DS20-0407-P-L5W | ☆ | ★ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | | | | 4.25 | 0.70 | 9.2 |
| 04P | P | DS20-0407-P-L6W | | | ☆ | | | ☆ | | | ☆ | ☆ | | | ★ | | | ★ | 4.25 | 0.70 | 9.2 |
| 04P | P | DS20-0407-P-M7W | ☆ | ★ | ☆ | | | | ☆ | ★ | ☆ | | | | | | ☆ | ☆ | 4.25 | 0.70 | 9.2 |
| 04P | P | DS20-0407-P-S5W | | | | | | ☆ | | | | ☆ | ★ | | ★ | ☆ | | | 4.25 | 0.70 | 9.2 |
| 05P | P | DS20-0508-P-H5W | | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | 4.75 | 0.80 | 11.2 |
| 05P | P | DS20-0508-P-L5W | ☆ | ★ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | | | | 4.75 | 0.80 | 11.2 |
| 05P | P | DS20-0508-P-L6W | | | ☆ | | | ☆ | | | ☆ | ☆ | | | ★ | | | ★ | 4.75 | 0.80 | 11.2 |
| 05P | P | DS20-0508-P-M7W | ☆ | ★ | ☆ | | | | ☆ | ★ | ☆ | | | | | | ☆ | ☆ | 4.75 | 0.80 | 11.2 |
| 05P | P | DS20-0508-P-S5W | | | | | | ☆ | | | | ☆ | ★ | | ★ | ☆ | | | 4.75 | 0.80 | 11.2 |


J28


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N23

# CoroDrill® 880

## Wisselplaatboren

J

### ISO toepassingsgebied

P M K N S H



### Voordelen en kenmerken voor gatdiameters 12,00–63,50 mm

- Tot 100% hogere productiviteit
- Nauwe gattolerantie en verbeterde oppervlakteafwerking
- Vier zuivere snijkanten met wipertechnologie
- Sterk boorlichaam met centrale en perifere wisselplaten die zich kenmerkt door de unieke Step Technology™ voor een perfecte snijkrachtbalans
- Uitstekende spaanverwijdering

K



### Voordelen en kenmerken voor gatdiameters 65,00–84,00 mm

- Veilig en betrouwbaar boren dankzij een robuust boorlichaam met een stijve cassettekoppeling
- Uitstekende spaanbeheersing en -verwijdering
- Uitmuntende flexibiliteit – één boorlichaam voor vijf diameterafmetingen dankzij het verwisselbare cassettesysteem
- Een betaalbare en gebruiksvriendelijke oplossing met verwisselbare cassettes voor wisselplaten

L

www.sandvik.coromant.com/corodrill880

M

### Boorbodies

Koppelingen:
- Coromant Capto®
- Cilindrische schacht
- VL koppeling

### Wisselplaten

- Wisselplaten met geoptimaliseerde geometrieën voor alle materialen

**2 – 3 x DC**

| | | | |
|---|---|---|---|
| Diameterbereik, mm | 12.00-43.99 | 44.00-52.99 | 53.00-63.50 |
| Gattolerantie, mm | 0/+0.25 | 0/+0.28 | 0/+0.30 |

N

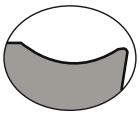
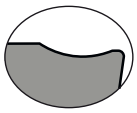
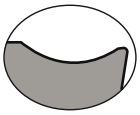
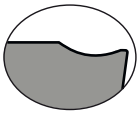
J36 J42 N6



SANDVIK Coromant

# CoroDrill® 880

## Geometrie overzicht

| Geometrie | | Informatie over geometrieën |
|---|---|---|
| **LM** |  | - Eerste keuze in koolstofarm staal<br>- Een veelzijdige geometrie met een all-around spaanbreker<br>- Werkt het beste bij lage tot gemiddelde voedingen<br>- Biedt lage snijkrachten |
| **GR** |  | - Eerste keuze in gelegeerd staal en gietijzer<br>- Werkt het beste bij gemiddelde tot hoge voedingen |
| **MS** |  | - Eerste keuze in roestvast staal en non-ferro materialen<br>- Scherpe snijkant waardoor lage snijkrachten mogelijk zijn |
| **GM** |  | - Lage snijkrachten<br>- Lage tot gemiddelde voeding |

## Hardmetaalsoort-overzicht

### 4334

- Eerste keuze onder normale omstandigheden in ISO P en K
- Aanvullende keuze in stabiele ISO M toepassingen

### 4324

- Slijtvaste keuze voor ISO P en K

### 4344

- Veilige soort die werkt in alle typen materialen

### 2044

- Eerste keuze in ISO M
- Aanvullende keuze in ISO S

### N124

- Diamant-coating
- Eerste keuze in ISO N

### H13A

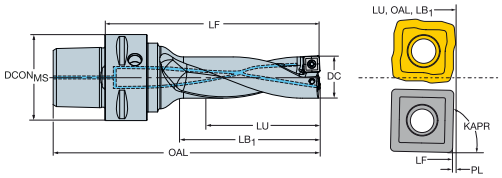
- Ongecoate soort

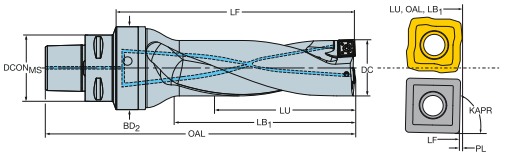
# CoroDrill® 880 wisselplaatboor

**Coromant Capto®**

DSGN 1 2






| DC | | | LU | $CZC_{MS}$ | ADJLX | TCHAL | TCHAU | DSGN | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | OAL | $LB_1$ | BD2 | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12.00 | 01C | 01P | 36.00 | C4 | 0.25 | 0.00 | 0.25 | 1 | 880-D1200C4-03 | 40.00 | 70.61 | 95.00 | 39.00 | | 0.38 | 79° | 10 | 0.343 | 33000 |
| 12.50 | 01C | 01P | 38.00 | C4 | 0.25 | 0.00 | 0.25 | 1 | 880-D1250C4-03 | 40.00 | 72.61 | 97.00 | 40.00 | | 0.38 | 79° | 10 | 0.320 | 33000 |
| 12.70 | 01C | 01P | 38.00 | C4 | 0.25 | 0.00 | 0.25 | 1 | 880-D1270C4-03 | 40.00 | 73.61 | 98.00 | 41.00 | | 0.38 | 79° | 10 | 0.352 | 33000 |
| | | | 38.00 | C5 | 0.25 | 0.00 | 0.25 | 1 | 880-D1270C5-03 | 50.00 | 73.61 | 104.00 | 41.00 | | 0.38 | 79° | 10 | 0.570 | 33000 |
| | | | 38.00 | C6 | 0.25 | 0.00 | 0.25 | 1 | 880-D1270C6-03 | 63.00 | 75.61 | 114.00 | 41.00 | | 0.38 | 79° | 10 | 0.900 | 33000 |
| 13.00 | 01C | 01P | 39.00 | C4 | 0.25 | 0.00 | 0.25 | 1 | 880-D1300C4-03 | 40.00 | 74.61 | 99.00 | 42.00 | | 0.38 | 79° | 10 | 0.345 | 33000 |
| | | | 39.00 | C5 | 0.25 | 0.00 | 0.25 | 1 | 880-D1300C5-03 | 50.00 | 74.61 | 105.00 | 42.00 | | 0.38 | 79° | 10 | 0.570 | 33000 |
| 13.50 | 01C | 01P | 41.00 | C4 | 0.25 | 0.00 | 0.25 | 1 | 880-D1350C4-03 | 40.00 | 76.61 | 101.00 | 44.00 | | 0.38 | 79° | 10 | 0.355 | 33000 |
| | | | 41.00 | C6 | 0.25 | 0.00 | 0.25 | 1 | 880-D1350C6-03 | 63.00 | 78.61 | 117.00 | 44.00 | | 0.38 | 79° | 10 | 0.900 | 33000 |
| 14.00 | 02C | 02P | 42.00 | C4 | 0.50 | 0.00 | 0.25 | 1 | 880-D1400C4-03 | 40.00 | 77.67 | 102.00 | 45.00 | | 0.32 | 88° | 10 | 0.351 | 33000 |
| | | | 42.00 | C5 | 0.50 | 0.00 | 0.25 | 1 | 880-D1400C5-03 | 50.00 | 77.67 | 108.00 | 45.00 | | 0.32 | 88° | 10 | 0.572 | 33000 |
| | | | 42.00 | C6 | 0.50 | 0.00 | 0.25 | 1 | 880-D1400C6-03 | 63.00 | 79.67 | 118.00 | 45.00 | | 0.32 | 88° | 10 | 0.900 | 33000 |
| 14.50 | 02C | 02P | 44.00 | C4 | 0.45 | 0.00 | 0.25 | 1 | 880-D1450C4-03 | 40.00 | 79.67 | 104.00 | 46.00 | | 0.32 | 88° | 10 | 0.356 | 33000 |
| 15.00 | 02C | 02P | 45.00 | C4 | 0.40 | 0.00 | 0.25 | 1 | 880-D1500C4-03 | 40.00 | 81.67 | 106.00 | 48.00 | | 0.32 | 88° | 10 | 0.358 | 33000 |
| | | | 45.00 | C5 | 0.40 | 0.00 | 0.25 | 1 | 880-D1500C5-03 | 50.00 | 81.67 | 112.00 | 48.00 | | 0.32 | 88° | 10 | 0.579 | 33000 |
| | | | 45.00 | C6 | 0.40 | 0.00 | 0.25 | 1 | 880-D1500C6-03 | 63.00 | 83.67 | 122.00 | 48.00 | | 0.32 | 88° | 10 | 0.900 | 33000 |
| 15.50 | 02C | 02P | 47.00 | C4 | 0.30 | 0.00 | 0.25 | 1 | 880-D1550C4-03 | 40.00 | 83.66 | 108.00 | 50.00 | | 0.33 | 88° | 10 | 0.363 | 33000 |
| | | | 47.00 | C5 | 0.30 | 0.00 | 0.25 | 1 | 880-D1550C5-03 | 50.00 | 83.66 | 114.00 | 50.00 | | 0.33 | 88° | 10 | 0.584 | 33000 |
| | | | 47.00 | C6 | 0.30 | 0.00 | 0.25 | 1 | 880-D1550C6-03 | 63.00 | 85.66 | 124.00 | 50.00 | | 0.33 | 88° | 10 | 0.900 | 33000 |
| 16.00 | 02C | 02P | 48.00 | C4 | 0.30 | 0.00 | 0.25 | 1 | 880-D1600C4-03 | 40.00 | 85.66 | 110.00 | 51.00 | | 0.33 | 88° | 10 | 0.369 | 33000 |
| | | | 48.00 | C5 | 0.30 | 0.00 | 0.25 | 1 | 880-D1600C5-03 | 50.00 | 85.66 | 116.00 | 51.00 | | 0.33 | 88° | 10 | 0.590 | 33000 |
| | | | 48.00 | C6 | 0.30 | 0.00 | 0.25 | 1 | 880-D1600C6-03 | 63.00 | 87.66 | 126.00 | 51.00 | | 0.33 | 88° | 10 | 0.909 | 33000 |
| 16.50 | 03C | 03P | 50.00 | C4 | 0.60 | 0.00 | 0.25 | 1 | 880-D1650C4-03 | 40.00 | 87.63 | 112.00 | 53.00 | | 0.36 | 88° | 10 | 0.377 | 30000 |
| | | | 50.00 | C5 | 0.60 | 0.00 | 0.25 | 1 | 880-D1650C5-03 | 50.00 | 87.63 | 118.00 | 53.00 | | 0.36 | 88° | 10 | 0.596 | 30000 |
| 17.00 | 03C | 03P | 51.00 | C4 | 0.60 | 0.00 | 0.25 | 1 | 880-D1700C4-03 | 40.00 | 88.63 | 113.00 | 54.00 | | 0.36 | 88° | 10 | 0.379 | 30000 |
| | | | 51.00 | C5 | 0.60 | 0.00 | 0.25 | 1 | 880-D1700C5-03 | 50.00 | 88.63 | 119.00 | 54.00 | | 0.36 | 88° | 10 | 0.601 | 30000 |
| | | | 51.00 | C6 | 0.60 | 0.00 | 0.25 | 1 | 880-D1700C6-03 | 63.00 | 90.63 | 129.00 | 54.00 | | 0.36 | 88° | 10 | 0.919 | 30000 |
| 17.50 | 03C | 03P | 53.00 | C4 | 0.50 | 0.00 | 0.25 | 1 | 880-D1750C4-03 | 40.00 | 91.62 | 116.00 | 56.00 | | 0.37 | 88° | 10 | 0.411 | 30000 |
| | | | 53.00 | C5 | 0.50 | 0.00 | 0.25 | 1 | 880-D1750C5-03 | 50.00 | 91.62 | 122.00 | 56.00 | | 0.37 | 88° | 10 | 0.638 | 30000 |
| | | | 53.00 | C6 | 0.50 | 0.00 | 0.25 | 1 | 880-D1750C6-03 | 63.00 | 93.62 | 132.00 | 56.00 | | 0.37 | 88° | 10 | 0.976 | 30000 |
| 18.00 | 03C | 03P | 54.00 | C4 | 0.40 | 0.00 | 0.25 | 1 | 880-D1800C4-03 | 40.00 | 92.62 | 117.00 | 57.00 | | 0.37 | 88° | 10 | 0.416 | 30000 |
| | | | 54.00 | C5 | 0.40 | 0.00 | 0.25 | 1 | 880-D1800C5-03 | 50.00 | 92.62 | 123.00 | 57.00 | | 0.37 | 88° | 10 | 0.642 | 30000 |
| | | | 54.00 | C6 | 0.40 | 0.00 | 0.25 | 1 | 880-D1800C6-03 | 63.00 | 94.62 | 133.00 | 57.00 | | 0.37 | 88° | 10 | 1.000 | 30000 |
| 18.50 | 03C | 03P | 56.00 | C4 | 0.40 | 0.00 | 0.25 | 1 | 880-D1850C4-03 | 40.00 | 94.62 | 119.00 | 59.00 | | 0.37 | 88° | 10 | 0.419 | 30000 |
| | | | 56.00 | C5 | 0.40 | 0.00 | 0.25 | 1 | 880-D1850C5-03 | 50.00 | 94.62 | 125.00 | 59.00 | | 0.37 | 88° | 10 | 0.646 | 30000 |
| 19.00 | 03C | 03P | 57.00 | C4 | 0.30 | 0.00 | 0.25 | 1 | 880-D1900C4-03 | 40.00 | 95.61 | 120.00 | 60.00 | | 0.38 | 88° | 10 | 0.424 | 30000 |
| | | | 57.00 | C5 | 0.30 | 0.00 | 0.25 | 1 | 880-D1900C5-03 | 50.00 | 95.61 | 126.00 | 60.00 | | 0.38 | 88° | 10 | 0.651 | 30000 |
| | | | 57.00 | C6 | 0.30 | 0.00 | 0.25 | 1 | 880-D1900C6-03 | 63.00 | 97.61 | 136.00 | 60.00 | | 0.38 | 88° | 10 | 1.000 | 30000 |
| 19.50 | 03C | 03P | 59.00 | C4 | 0.30 | 0.00 | 0.25 | 1 | 880-D1950C4-03 | 40.00 | 98.61 | 123.00 | 62.00 | | 0.38 | 88° | 10 | 0.436 | 30000 |
| | | | 59.00 | C5 | 0.30 | 0.00 | 0.25 | 1 | 880-D1950C5-03 | 50.00 | 98.61 | 129.00 | 62.00 | | 0.38 | 88° | 10 | 0.658 | 30000 |
| 20.00 | 04C | 04P | 60.00 | C4 | 0.90 | 0.00 | 0.25 | 1 | 880-D2000C4-03 | 40.00 | 100.56 | 125.00 | 64.00 | | 0.43 | 88° | 10 | 0.437 | 21500 |
| | | | 60.00 | C5 | 0.90 | 0.00 | 0.25 | 1 | 880-D2000C5-03 | 50.00 | 100.56 | 131.00 | 64.00 | | 0.43 | 88° | 10 | 0.662 | 21500 |
| | | | 60.00 | C6 | 0.90 | 0.00 | 0.25 | 1 | 880-D2000C6-03 | 63.00 | 102.56 | 141.00 | 64.00 | | 0.43 | 88° | 10 | 1.000 | 21500 |
| 21.00 | 04C | 04P | 63.00 | C4 | 0.80 | 0.00 | 0.25 | 1 | 880-D2100C4-03 | 40.00 | 103.56 | 128.00 | 66.00 | | 0.43 | 88° | 10 | 0.400 | 21500 |
| | | | 63.00 | C5 | 0.80 | 0.00 | 0.25 | 1 | 880-D2100C5-03 | 50.00 | 103.56 | 134.00 | 66.00 | | 0.43 | 88° | 10 | 0.673 | 21500 |
| | | | 63.00 | C6 | 0.80 | 0.00 | 0.25 | 1 | 880-D2100C6-03 | 63.00 | 105.56 | 144.00 | 66.00 | | 0.43 | 88° | 10 | 1.012 | 21500 |
| 22.00 | 04C | 04P | 66.00 | C4 | 0.60 | 0.00 | 0.25 | 1 | 880-D2200C4-03 | 40.00 | 106.55 | 131.00 | 69.00 | | 0.44 | 88° | 10 | 0.438 | 21500 |
| | | | 66.00 | C5 | 0.60 | 0.00 | 0.25 | 1 | 880-D2200C5-03 | 50.00 | 106.55 | 137.00 | 69.00 | | 0.44 | 88° | 10 | 0.688 | 21500 |
| | | | 66.00 | C6 | 0.60 | 0.00 | 0.25 | 1 | 880-D2200C6-03 | 63.00 | 108.55 | 147.00 | 69.00 | | 0.44 | 88° | 10 | 1.029 | 21500 |
| 23.00 | 04C | 04P | 69.00 | C4 | 0.50 | 0.00 | 0.25 | 1 | 880-D2300C4-03 | 40.00 | 110.54 | 135.00 | 72.00 | | 0.45 | 88° | 10 | 0.480 | 21500 |
| | | | 69.00 | C5 | 0.50 | 0.00 | 0.25 | 1 | 880-D2300C5-03 | 50.00 | 110.54 | 141.00 | 72.00 | | 0.45 | 88° | 10 | 0.711 | 21500 |
| | | | 69.00 | C6 | 0.50 | 0.00 | 0.25 | 1 | 880-D2300C6-03 | 63.00 | 112.54 | 151.00 | 72.00 | | 0.45 | 88° | 10 | 1.048 | 21500 |
| 24.00 | 05C | 05P | 72.00 | C4 | 1.10 | 0.00 | 0.25 | 1 | 880-D2400C4-03 | 40.00 | 114.49 | 139.00 | 76.00 | | 0.50 | 88° | 10 | 0.505 | 16000 |
| | | | 72.00 | C5 | 1.10 | 0.00 | 0.25 | 1 | 880-D2400C5-03 | 50.00 | 114.49 | 145.00 | 76.00 | | 0.50 | 88° | 10 | 0.730 | 16000 |
| | | | 72.00 | C6 | 1.10 | 0.00 | 0.25 | 1 | 880-D2400C6-03 | 63.00 | 116.49 | 155.00 | 76.00 | | 0.50 | 88° | 10 | 1.070 | 16000 |

J42 L2 J62 J35 N23 N6 N15



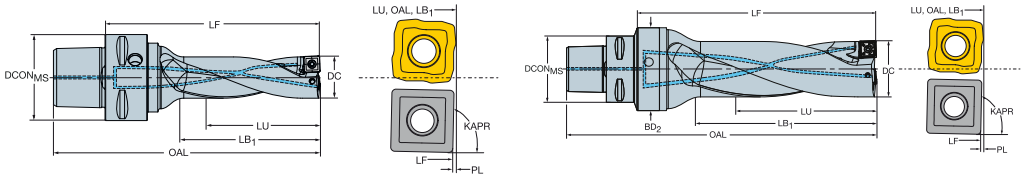
SANDVIK Coromant

# CoroDrill® 880 wisselplaatboor

**Coromant Capto®**

DSGN 1 2






| DC | | | LU | CZCMS | ADJLX | TCHAL | TCHAU | DSGN | Bestelnummer | Afmetingen, mm DCONMS | LF | OAL | LB1 | BD2 | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25.00 | 05C | 05P | 75.00 | C4 | 1.00 | 0.00 | 0.25 | 1 | 880-D2500C4-03 | 40.00 | 118.48 | 143.00 | 79.00 | | 0.51 | 88° | 10 | 0.526 | 16000 |
| | | | 75.00 | C5 | 1.00 | 0.00 | 0.25 | 1 | 880-D2500C5-03 | 50.00 | 118.48 | 149.00 | 79.00 | | 0.51 | 88° | 10 | 0.760 | 16000 |
| | | | 75.00 | C6 | 1.00 | 0.00 | 0.25 | 1 | 880-D2500C6-03 | 63.00 | 120.48 | 159.00 | 79.00 | | 0.51 | 88° | 10 | 1.099 | 16000 |
| 26.00 | 05C | 05P | 78.00 | C4 | 0.90 | 0.00 | 0.25 | 1 | 880-D2600C4-03 | 40.00 | 121.47 | 146.00 | 81.00 | | 0.52 | 88° | 10 | 0.596 | 16000 |
| | | | 78.00 | C5 | 0.90 | 0.00 | 0.25 | 1 | 880-D2600C5-03 | 50.00 | 121.47 | 152.00 | 81.00 | | 0.52 | 88° | 10 | 0.822 | 16000 |
| | | | 78.00 | C6 | 0.90 | 0.00 | 0.25 | 1 | 880-D2600C6-03 | 63.00 | 123.47 | 162.00 | 81.00 | | 0.52 | 88° | 10 | 1.165 | 16000 |
| 27.00 | 05C | 05P | 81.00 | C4 | 0.70 | 0.00 | 0.25 | 1 | 880-D2700C4-03 | 40.00 | 124.46 | 149.00 | 84.00 | | 0.53 | 88° | 10 | 0.623 | 16000 |
| | | | 81.00 | C5 | 0.70 | 0.00 | 0.25 | 1 | 880-D2700C5-03 | 50.00 | 124.46 | 155.00 | 84.00 | | 0.53 | 88° | 10 | 0.851 | 16000 |
| | | | 81.00 | C6 | 0.70 | 0.00 | 0.25 | 1 | 880-D2700C6-03 | 63.00 | 126.46 | 165.00 | 84.00 | | 0.53 | 88° | 10 | 1.188 | 16000 |
| 28.00 | 05C | 05P | 84.00 | C4 | 0.60 | 0.00 | 0.25 | 1 | 880-D2800C4-03 | 40.00 | 128.46 | 153.00 | 87.00 | | 0.53 | 88° | 10 | 0.665 | 16000 |
| | | | 84.00 | C5 | 0.60 | 0.00 | 0.25 | 1 | 880-D2800C5-03 | 50.00 | 128.46 | 159.00 | 87.00 | | 0.53 | 88° | 10 | 0.897 | 16000 |
| | | | 84.00 | C6 | 0.60 | 0.00 | 0.25 | 1 | 880-D2800C6-03 | 63.00 | 130.46 | 169.00 | 87.00 | | 0.53 | 88° | 10 | 1.229 | 16000 |
| 29.00 | 05C | 05P | 87.00 | C4 | 0.50 | 0.00 | 0.25 | 1 | 880-D2900C4-03 | 40.00 | 131.45 | 156.00 | 90.00 | | 0.54 | 88° | 10 | 0.696 | 16000 |
| | | | 87.00 | C5 | 0.50 | 0.00 | 0.25 | 1 | 880-D2900C5-03 | 50.00 | 131.45 | 162.00 | 90.00 | | 0.54 | 88° | 10 | 0.930 | 16000 |
| | | | 87.00 | C6 | 0.50 | 0.00 | 0.25 | 1 | 880-D2900C6-03 | 63.00 | 133.45 | 172.00 | 90.00 | | 0.54 | 88° | 10 | 1.264 | 16000 |
| 30.00 | 06C | 06P | 90.00 | C4 | 1.12 | 0.00 | 0.25 | 1 | 880-D3000C4-03 | 40.00 | 136.41 | 161.00 | 94.00 | | 0.58 | 88° | 10 | 0.679 | 16000 |
| | | | 90.00 | C5 | 1.12 | 0.00 | 0.25 | 1 | 880-D3000C5-03 | 50.00 | 136.41 | 167.00 | 94.00 | | 0.58 | 88° | 10 | 0.920 | 16000 |
| | | | 90.00 | C6 | 1.12 | 0.00 | 0.25 | 1 | 880-D3000C6-03 | 63.00 | 138.41 | 177.00 | 94.00 | | 0.58 | 88° | 10 | 1.220 | 16000 |
| 31.00 | 06C | 06P | 93.00 | C5 | 0.99 | 0.00 | 0.25 | 1 | 880-D3100C5-03 | 50.00 | 140.40 | 171.00 | 97.00 | | 0.59 | 88° | 10 | 0.998 | 16000 |
| | | | 93.00 | C6 | 0.99 | 0.00 | 0.25 | 1 | 880-D3100C6-03 | 63.00 | 142.40 | 181.00 | 97.00 | | 0.59 | 88° | 10 | 1.350 | 16000 |
| 32.00 | 06C | 06P | 96.00 | C5 | 0.87 | 0.00 | 0.25 | 1 | 880-D3200C5-03 | 50.00 | 143.39 | 174.00 | 100.00 | | 0.60 | 88° | 10 | 1.020 | 16000 |
| | | | 96.00 | C6 | 0.87 | 0.00 | 0.25 | 1 | 880-D3200C6-03 | 63.00 | 145.39 | 184.00 | 100.00 | | 0.60 | 88° | 10 | 1.360 | 16000 |
| 33.00 | 06C | 06P | 99.00 | C5 | 0.75 | 0.00 | 0.25 | 1 | 880-D3300C5-03 | 50.00 | 147.38 | 178.00 | 103.00 | | 0.61 | 88° | 10 | 1.040 | 16000 |
| | | | 99.00 | C6 | 0.75 | 0.00 | 0.25 | 1 | 880-D3300C6-03 | 63.00 | 149.38 | 188.00 | 103.00 | | 0.61 | 88° | 10 | 1.429 | 16000 |
| 34.00 | 06C | 06P | 102.00 | C5 | 0.62 | 0.00 | 0.25 | 1 | 880-D3400C5-03 | 50.00 | 150.37 | 181.00 | 106.00 | | 0.62 | 88° | 10 | 1.060 | 16000 |
| | | | 102.00 | C6 | 0.62 | 0.00 | 0.25 | 1 | 880-D3400C6-03 | 63.00 | 152.37 | 191.00 | 106.00 | | 0.62 | 88° | 10 | 1.465 | 16000 |
| 35.00 | 06C | 06P | 105.00 | C5 | 0.50 | 0.00 | 0.25 | 1 | 880-D3500C5-03 | 50.00 | 154.37 | 185.00 | 109.00 | | 0.62 | 88° | 10 | 1.160 | 16000 |
| | | | 105.00 | C6 | 0.50 | 0.00 | 0.25 | 1 | 880-D3500C6-03 | 63.00 | 156.37 | 195.00 | 109.00 | | 0.62 | 88° | 10 | 1.519 | 16000 |
| 36.00 | 07C | 07P | 108.00 | C5 | 1.38 | 0.00 | 0.25 | 1 | 880-D3600C5-03 | 50.00 | 158.32 | 189.00 | 112.00 | | 0.67 | 88° | 10 | 1.175 | 16000 |
| | | | 108.00 | C6 | 1.38 | 0.00 | 0.25 | 1 | 880-D3600C6-03 | 63.00 | 160.32 | 199.00 | 112.00 | | 0.67 | 88° | 10 | 1.516 | 16000 |
| 37.00 | 07C | 07P | 111.00 | C5 | 1.25 | 0.00 | 0.25 | 1 | 880-D3700C5-03 | 50.00 | 161.31 | 192.00 | 115.00 | | 0.68 | 88° | 10 | 1.213 | 16000 |
| | | | 111.00 | C6 | 1.25 | 0.00 | 0.25 | 1 | 880-D3700C6-03 | 63.00 | 163.31 | 202.00 | 115.00 | | 0.68 | 88° | 10 | 1.560 | 16000 |
| 38.00 | 07C | 07P | 114.00 | C5 | 1.13 | 0.00 | 0.25 | 1 | 880-D3800C5-03 | 50.00 | 165.31 | 196.00 | 118.00 | | 0.68 | 88° | 10 | 1.240 | 16000 |
| | | | 114.00 | C6 | 1.13 | 0.00 | 0.25 | 1 | 880-D3800C6-03 | 63.00 | 167.31 | 206.00 | 118.00 | | 0.68 | 88° | 10 | 1.630 | 16000 |
| 39.00 | 07C | 07P | 117.00 | C5 | 1.00 | 0.00 | 0.25 | 1 | 880-D3900C5-03 | 50.00 | 168.30 | 199.00 | 121.00 | | 0.69 | 88° | 10 | 1.305 | 16000 |
| | | | 117.00 | C6 | 1.00 | 0.00 | 0.25 | 1 | 880-D3900C6-03 | 63.00 | 170.30 | 209.00 | 121.00 | | 0.69 | 88° | 10 | 1.643 | 16000 |
| 40.00 | 07C | 07P | 120.00 | C5 | 0.88 | 0.00 | 0.25 | 1 | 880-D4000C5-03 | 50.00 | 172.29 | 203.00 | 124.00 | | 0.70 | 88° | 10 | 1.370 | 16000 |
| | | | 120.00 | C6 | 0.88 | 0.00 | 0.25 | 1 | 880-D4000C6-03 | 63.00 | 174.29 | 213.00 | 124.00 | | 0.70 | 88° | 10 | 1.716 | 16000 |
| 41.00 | 07C | 07P | 123.00 | C5 | 0.75 | 0.00 | 0.25 | 1 | 880-D4100C5-03 | 50.00 | 176.28 | 207.00 | 127.00 | | 0.71 | 88° | 10 | 1.448 | 16000 |
| | | | 123.00 | C6 | 0.75 | 0.00 | 0.25 | 1 | 880-D4100C6-03 | 63.00 | 178.28 | 217.00 | 127.00 | | 0.71 | 88° | 10 | 1.800 | 16000 |
| 42.00 | 07C | 07P | 126.00 | C5 | 0.63 | 0.00 | 0.25 | 2 | 880-D4200C5-03M1 | 50.00 | 199.27 | 230.00 | 130.00 | 62.50 | 0.72 | 88° | 10 | 2.110 | 16000 |
| | | | 126.00 | C6 | 0.63 | 0.00 | 0.25 | 1 | 880-D4200C6-03M1 | 63.00 | 199.27 | 238.00 | 130.00 | | 0.72 | 88° | 10 | 2.418 | 16000 |
| 43.00 | 07C | 07P | 129.00 | C5 | 0.50 | 0.00 | 0.25 | 2 | 880-D4300C5-03M1 | 50.00 | 203.30 | 234.00 | 133.00 | 62.50 | 0.69 | 88° | 10 | 2.139 | 16000 |
| | | | 129.00 | C6 | 0.50 | 0.00 | 0.25 | 1 | 880-D4300C6-03M1 | 63.00 | 203.30 | 242.00 | 133.00 | | 0.69 | 88° | 10 | 2.458 | 16000 |

| DC | | Reserve onderdelen Wisselplaat-schroef |
|---|---|---|
| 12.70-16.00 | 01-02 | 5513 020-28 |
| 16.50-19.50 | 03 | 5513 020-33 |
| 20.00-23.00 | 04 | 5513 020-58 |
| 24.00-29.00 | 05 | 5513 020-57 |
| 30.00-42.00 | 06-07 | 416.1-833 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

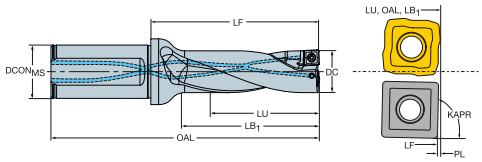
J42 L2 J62 J35 N23 N6 N15

# CoroDrill® 880 wisselplaatboor

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**






| DC | | | LU | $CZC_{MS}$ | ADJLX | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12.00 | 01C | 01P | 24.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1200L20-02 | 20.00 | 38.61 | 89.00 | 27.00 | 0.38 | 79° | 10 | 0.189 | 33000 |
| | | | 36.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1200L20-03 | 20.00 | 50.61 | 101.00 | 39.00 | 0.38 | 79° | 10 | 0.200 | 33000 |
| 12.50 | 01C | 01P | 25.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1250L20-02 | 20.00 | 40.61 | 91.00 | 28.00 | 0.38 | 79° | 10 | 0.200 | 33000 |
| | | | 38.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1250L20-03 | 20.00 | 52.61 | 103.00 | 40.00 | 0.38 | 79° | 10 | 0.198 | 33000 |
| 12.70 | 01C | 01P | 25.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1270L20-02 | 20.00 | 40.61 | 91.00 | 28.00 | 0.38 | 79° | 10 | 0.200 | 33000 |
| | | | 38.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1270L20-03 | 20.00 | 53.61 | 104.00 | 41.00 | 0.38 | 79° | 10 | 0.200 | 33000 |
| 13.00 | 01C | 01P | 26.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1300L20-02 | 20.00 | 41.61 | 92.00 | 29.00 | 0.38 | 79° | 10 | 0.194 | 33000 |
| | | | 39.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1300L20-03 | 20.00 | 54.61 | 105.00 | 42.00 | 0.38 | 79° | 10 | 0.202 | 33000 |
| 13.50 | 01C | 01P | 27.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1350L20-02 | 20.00 | 42.61 | 93.00 | 30.00 | 0.38 | 79° | 10 | 0.200 | 33000 |
| | | | 41.00 | 20 | 0.25 | 0.00 | 0.25 | 880-D1350L20-03 | 20.00 | 55.61 | 106.00 | 43.00 | 0.38 | 79° | 10 | 0.204 | 33000 |
| 14.00 | 02C | 02P | 28.00 | 20 | 0.50 | 0.00 | 0.25 | 880-D1400L20-02 | 20.00 | 43.67 | 94.00 | 31.00 | 0.32 | 88° | 10 | 0.200 | 33000 |
| | | | 42.00 | 20 | 0.50 | 0.00 | 0.25 | 880-D1400L20-03 | 20.00 | 57.67 | 108.00 | 45.00 | 0.32 | 88° | 10 | 0.211 | 33000 |
| 14.50 | 02C | 02P | 29.00 | 20 | 0.45 | 0.00 | 0.25 | 880-D1450L20-02 | 20.00 | 45.67 | 96.00 | 32.00 | 0.32 | 88° | 10 | 0.210 | 33000 |
| | | | 44.00 | 20 | 0.45 | 0.00 | 0.25 | 880-D1450L20-03 | 20.00 | 59.67 | 110.00 | 46.00 | 0.32 | 88° | 10 | 0.217 | 33000 |
| 15.00 | 02C | 02P | 30.00 | 20 | 0.40 | 0.00 | 0.25 | 880-D1500L20-02 | 20.00 | 46.67 | 97.00 | 33.00 | 0.32 | 88° | 10 | 0.212 | 33000 |
| | | | 45.00 | 20 | 0.40 | 0.00 | 0.25 | 880-D1500L20-03 | 20.00 | 61.67 | 112.00 | 48.00 | 0.32 | 88° | 10 | 0.210 | 33000 |
| 15.50 | 02C | 02P | 31.00 | 20 | 0.30 | 0.00 | 0.25 | 880-D1550L20-02 | 20.00 | 48.66 | 99.00 | 35.00 | 0.33 | 88° | 10 | 0.208 | 33000 |
| | | | 47.00 | 20 | 0.30 | 0.00 | 0.25 | 880-D1550L20-03 | 20.00 | 63.66 | 114.00 | 50.00 | 0.33 | 88° | 10 | 0.225 | 33000 |
| 16.00 | 02C | 02P | 32.00 | 20 | 0.30 | 0.00 | 0.25 | 880-D1600L20-02 | 20.00 | 50.66 | 101.00 | 36.00 | 0.33 | 88° | 10 | 0.215 | 33000 |
| | | | 48.00 | 20 | 0.30 | 0.00 | 0.25 | 880-D1600L20-03 | 20.00 | 65.66 | 116.00 | 51.00 | 0.33 | 88° | 10 | 0.229 | 33000 |
| 16.50 | 03C | 03P | 33.00 | 20 | 0.60 | 0.00 | 0.25 | 880-D1650L20-02 | 20.00 | 51.63 | 102.00 | 37.00 | 0.36 | 88° | 10 | 0.224 | 33000 |
| | | | 50.00 | 20 | 0.60 | 0.00 | 0.25 | 880-D1650L20-03 | 20.00 | 67.63 | 118.00 | 53.00 | 0.36 | 88° | 10 | 0.235 | 30000 |
| 17.00 | 03C | 03P | 34.00 | 20 | 0.60 | 0.00 | 0.25 | 880-D1700L20-02 | 20.00 | 52.63 | 103.00 | 38.00 | 0.36 | 88° | 10 | 0.225 | 33000 |
| | | | 51.00 | 20 | 0.60 | 0.00 | 0.25 | 880-D1700L20-03 | 20.00 | 68.63 | 119.00 | 54.00 | 0.36 | 88° | 10 | 0.232 | 30000 |
| 17.50 | 03C | 03P | 35.00 | 25 | 0.50 | 0.00 | 0.25 | 880-D1750L25-02 | 25.00 | 54.62 | 111.00 | 39.00 | 0.37 | 88° | 10 | 0.347 | 33000 |
| | | | 53.00 | 25 | 0.50 | 0.00 | 0.25 | 880-D1750L25-03 | 25.00 | 71.62 | 128.00 | 56.00 | 0.37 | 88° | 10 | 0.362 | 30000 |
| 18.00 | 03C | 03P | 36.00 | 25 | 0.40 | 0.00 | 0.25 | 880-D1800L25-02 | 25.00 | 55.62 | 112.00 | 40.00 | 0.37 | 88° | 10 | 0.352 | 33000 |
| | | | 54.00 | 25 | 0.40 | 0.00 | 0.25 | 880-D1800L25-03 | 25.00 | 72.62 | 129.00 | 57.00 | 0.37 | 88° | 10 | 0.363 | 30000 |
| 18.50 | 03C | 03P | 37.00 | 25 | 0.40 | 0.00 | 0.25 | 880-D1850L25-02 | 25.00 | 56.62 | 113.00 | 41.00 | 0.37 | 88° | 10 | 0.354 | 33000 |
| | | | 56.00 | 25 | 0.40 | 0.00 | 0.25 | 880-D1850L25-03 | 25.00 | 74.62 | 131.00 | 59.00 | 0.37 | 88° | 10 | 0.369 | 30000 |
| 19.00 | 03C | 03P | 38.00 | 25 | 0.30 | 0.00 | 0.25 | 880-D1900L25-02 | 25.00 | 57.61 | 114.00 | 42.00 | 0.38 | 88° | 10 | 0.359 | 33000 |
| | | | 57.00 | 25 | 0.30 | 0.00 | 0.25 | 880-D1900L25-03 | 25.00 | 75.61 | 132.00 | 60.00 | 0.38 | 88° | 10 | 0.375 | 30000 |
| 19.50 | 03C | 03P | 39.00 | 25 | 0.30 | 0.00 | 0.25 | 880-D1950L25-02 | 25.00 | 59.61 | 116.00 | 43.00 | 0.38 | 88° | 10 | 0.371 | 33000 |
| | | | 59.00 | 25 | 0.30 | 0.00 | 0.25 | 880-D1950L25-03 | 25.00 | 78.61 | 135.00 | 62.00 | 0.38 | 88° | 10 | 0.387 | 30000 |
| 20.00 | 04C | 04P | 40.00 | 25 | 0.90 | 0.00 | 0.25 | 880-D2000L25-02 | 25.00 | 60.56 | 117.00 | 44.00 | 0.43 | 88° | 10 | 0.367 | 21500 |
| | | | 60.00 | 25 | 0.90 | 0.00 | 0.25 | 880-D2000L25-03 | 25.00 | 80.56 | 137.00 | 64.00 | 0.43 | 88° | 10 | 0.340 | 21500 |
| 20.50 | 04C | 04P | 62.00 | 25 | 0.80 | 0.00 | 0.25 | 880-D2050L25-03 | 25.00 | 81.56 | 138.00 | 65.00 | 0.43 | 88° | 10 | 0.392 | 21500 |
| 20.90 | 04C | 04P | 63.00 | 25 | 0.80 | 0.00 | 0.25 | 880-D2090L25-03 | 25.00 | 83.56 | 140.00 | 66.00 | 0.43 | 88° | 10 | 0.412 | 21500 |
| 21.00 | 04C | 04P | 42.00 | 25 | 0.80 | 0.00 | 0.25 | 880-D2100L25-02 | 25.00 | 63.56 | 120.00 | 46.00 | 0.43 | 88° | 10 | 0.382 | 21500 |
| | | | 63.00 | 25 | 0.80 | 0.00 | 0.25 | 880-D2100L25-03 | 25.00 | 83.56 | 140.00 | 66.00 | 0.43 | 88° | 10 | 0.396 | 21500 |
| 21.50 | 04C | 04P | 65.00 | 25 | 0.70 | 0.00 | 0.25 | 880-D2150L25-03 | 25.00 | 85.55 | 142.00 | 68.00 | 0.44 | 88° | 10 | 0.404 | 21500 |
| 22.00 | 04C | 04P | 44.00 | 25 | 0.60 | 0.00 | 0.25 | 880-D2200L25-02 | 25.00 | 65.55 | 122.00 | 48.00 | 0.44 | 88° | 10 | 0.367 | 21500 |
| | | | 66.00 | 25 | 0.60 | 0.00 | 0.25 | 880-D2200L25-03 | 25.00 | 86.55 | 143.00 | 69.00 | 0.44 | 88° | 10 | 0.423 | 21500 |
| 22.50 | 04C | 04P | 68.00 | 25 | 0.50 | 0.00 | 0.25 | 880-D2250L25-03 | 25.00 | 89.54 | 146.00 | 71.00 | 0.45 | 88° | 10 | 0.432 | 21500 |
| 23.00 | 04C | 04P | 46.00 | 25 | 0.50 | 0.00 | 0.25 | 880-D2300L25-02 | 25.00 | 68.54 | 125.00 | 50.00 | 0.45 | 88° | 10 | 0.403 | 21500 |
| | | | 69.00 | 25 | 0.50 | 0.00 | 0.25 | 880-D2300L25-03 | 25.00 | 90.54 | 147.00 | 72.00 | 0.45 | 88° | 10 | 0.448 | 21500 |
| 23.50 | 04C | 04P | 71.00 | 25 | 0.40 | 0.00 | 0.25 | 880-D2350L25-03 | 25.00 | 92.54 | 149.00 | 74.00 | 0.45 | 88° | 10 | 0.443 | 21500 |
| 23.90 | 04C | 04P | 72.00 | 25 | 0.30 | 0.00 | 0.25 | 880-D2390L25-03 | 25.00 | 94.53 | 151.00 | 76.00 | 0.46 | 88° | 10 | 0.465 | 21500 |
| 24.00 | 05C | 05P | 48.00 | 25 | 1.10 | 0.00 | 0.25 | 880-D2400L25-02 | 25.00 | 70.49 | 127.00 | 52.00 | 0.50 | 88° | 10 | 0.340 | 16000 |
| | | | 72.00 | 25 | 1.10 | 0.00 | 0.25 | 880-D2400L25-03 | 25.00 | 94.49 | 151.00 | 76.00 | 0.50 | 88° | 10 | 0.400 | 16000 |
| 24.50 | 05C | 05P | 74.00 | 25 | 1.00 | 0.00 | 0.25 | 880-D2450L25-03 | 25.00 | 96.49 | 153.00 | 77.00 | 0.50 | 88° | 10 | 0.480 | 16000 |
| 25.00 | 05C | 05P | 50.00 | 25 | 1.00 | 0.00 | 0.25 | 880-D2500L25-02 | 25.00 | 73.48 | 130.00 | 54.00 | 0.51 | 88° | 10 | 0.400 | 16000 |
| | | | 75.00 | 25 | 1.00 | 0.00 | 0.25 | 880-D2500L25-03 | 25.00 | 98.48 | 155.00 | 79.00 | 0.51 | 88° | 10 | 0.460 | 16000 |

J42 L2 J62 J35 N23 N6 N15



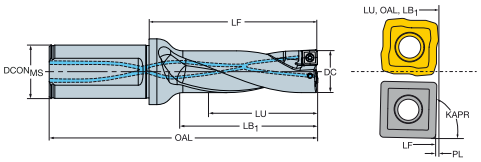
SANDVIK Coromant

# CoroDrill® 880 wisselplaatboor

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**

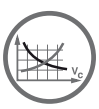





| | | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DC | | | LU | $CZC_{MS}$ | ADJLX | TCHAL | TCHAU | **Bestelnummer** | $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | KAPR | BAR | KG | RPMX |
| 25.50 | 05C | 05P | 77.00 | 25 | 0.90 | 0.00 | 0.25 | **880-D2550L25-03** | 25.00 | 99.48 | 156.00 | 80.00 | 0.51 | 88° | 10 | 0.501 | 16000 |
| 26.00 | 05C | 05P | 52.00 | 32 | 0.90 | 0.00 | 0.25 | **880-D2600L32-02** | 32.00 | 76.47 | 137.00 | 56.00 | 0.52 | 88° | 10 | 0.650 | 16000 |
| | | | 78.00 | 32 | 0.90 | 0.00 | 0.25 | **880-D2600L32-03** | 32.00 | 101.47 | 162.00 | 81.00 | 0.52 | 88° | 10 | 0.700 | 16000 |
| 26.40 | 05C | 05P | 79.00 | 32 | 0.80 | 0.00 | 0.25 | **880-D2640L32-03** | 32.00 | 103.47 | 164.00 | 83.00 | 0.52 | 88° | 10 | 0.707 | 16000 |
| 26.50 | 05C | 05P | 80.00 | 32 | 0.80 | 0.00 | 0.25 | **880-D2650L32-03** | 32.00 | 103.47 | 164.00 | 83.00 | 0.52 | 88° | 10 | 0.717 | 16000 |
| 27.00 | 05C | 05P | 54.00 | 32 | 0.70 | 0.00 | 0.25 | **880-D2700L32-02** | 32.00 | 78.46 | 139.00 | 58.00 | 0.53 | 88° | 10 | 0.669 | 16000 |
| | | | 81.00 | 32 | 0.70 | 0.00 | 0.25 | **880-D2700L32-03** | 32.00 | 104.46 | 165.00 | 84.00 | 0.53 | 88° | 10 | 0.724 | 16000 |
| 27.50 | 05C | 05P | 83.00 | 32 | 0.60 | 0.00 | 0.25 | **880-D2750L32-03** | 32.00 | 107.46 | 168.00 | 86.00 | 0.53 | 88° | 10 | 0.761 | 16000 |
| 28.00 | 05C | 05P | 56.00 | 32 | 0.60 | 0.00 | 0.25 | **880-D2800L32-02** | 32.00 | 81.46 | 142.00 | 60.00 | 0.53 | 88° | 10 | 0.693 | 16000 |
| | | | 84.00 | 32 | 0.60 | 0.00 | 0.25 | **880-D2800L32-03** | 32.00 | 108.46 | 169.00 | 87.00 | 0.53 | 88° | 10 | 0.755 | 16000 |
| 28.50 | 05C | 05P | 86.00 | 32 | 0.50 | 0.00 | 0.25 | **880-D2850L32-03** | 32.00 | 110.45 | 171.00 | 89.00 | 0.54 | 88° | 10 | 0.770 | 16000 |
| 29.00 | 05C | 05P | 58.00 | 32 | 0.50 | 0.00 | 0.25 | **880-D2900L32-02** | 32.00 | 83.45 | 144.00 | 62.00 | 0.54 | 88° | 10 | 0.710 | 16000 |
| | | | 87.00 | 32 | 0.50 | 0.00 | 0.25 | **880-D2900L32-03** | 32.00 | 111.45 | 172.00 | 90.00 | 0.54 | 88° | 10 | 0.784 | 16000 |
| 29.40 | 05C | 05P | 88.00 | 32 | 0.40 | 0.00 | 0.25 | **880-D2940L32-03** | 32.00 | 114.44 | 175.00 | 92.00 | 0.55 | 88° | 10 | 0.845 | 16000 |
| 29.50 | 05C | 05P | 89.00 | 32 | 0.40 | 0.00 | 0.25 | **880-D2950L32-03** | 32.00 | 114.44 | 175.00 | 92.00 | 0.55 | 88° | 10 | 0.809 | 16000 |
| 30.00 | 06C | 06P | 60.00 | 32 | 1.12 | 0.00 | 0.25 | **880-D3000L32-02** | 32.00 | 86.41 | 147.00 | 64.00 | 0.58 | 88° | 10 | 0.699 | 16000 |
| | | | 90.00 | 32 | 1.12 | 0.00 | 0.25 | **880-D3000L32-03** | 32.00 | 116.41 | 177.00 | 94.00 | 0.58 | 88° | 10 | 0.790 | 16000 |
| 30.50 | 06C | 06P | 92.00 | 32 | 1.05 | 0.00 | 0.25 | **880-D3050L32-03** | 32.00 | 117.40 | 178.00 | 95.00 | 0.59 | 88° | 10 | 0.800 | 16000 |
| 31.00 | 06C | 06P | 62.00 | 40 | 0.99 | 0.00 | 0.25 | **880-D3100L40-02** | 40.00 | 89.40 | 160.00 | 66.00 | 0.59 | 88° | 10 | 1.136 | 16000 |
| | | | 93.00 | 40 | 0.99 | 0.00 | 0.25 | **880-D3100L40-03** | 40.00 | 120.40 | 191.00 | 97.00 | 0.59 | 88° | 10 | 1.210 | 16000 |
| 31.50 | 06C | 06P | 95.00 | 40 | 0.93 | 0.00 | 0.25 | **880-D3150L40-03** | 40.00 | 121.39 | 192.00 | 98.00 | 0.60 | 88° | 10 | 1.230 | 16000 |
| 32.00 | 06C | 06P | 64.00 | 40 | 0.87 | 0.00 | 0.25 | **880-D3200L40-02** | 40.00 | 91.39 | 162.00 | 68.00 | 0.60 | 88° | 10 | 1.156 | 16000 |
| | | | 96.00 | 40 | 0.87 | 0.00 | 0.25 | **880-D3200L40-03** | 40.00 | 123.39 | 194.00 | 100.00 | 0.60 | 88° | 10 | 1.252 | 16000 |
| 32.50 | 06C | 06P | 98.00 | 40 | 0.81 | 0.00 | 0.25 | **880-D3250L40-03** | 40.00 | 125.39 | 196.00 | 101.00 | 0.60 | 88° | 10 | 1.278 | 16000 |
| 33.00 | 06C | 06P | 66.00 | 40 | 0.75 | 0.00 | 0.25 | **880-D3300L40-02** | 40.00 | 94.38 | 165.00 | 70.00 | 0.61 | 88° | 10 | 1.200 | 16000 |
| | | | 99.00 | 40 | 0.75 | 0.00 | 0.25 | **880-D3300L40-03** | 40.00 | 127.38 | 198.00 | 103.00 | 0.61 | 88° | 10 | 1.303 | 16000 |
| 33.50 | 06C | 06P | 101.00 | 40 | 0.68 | 0.00 | 0.25 | **880-D3350L40-03** | 40.00 | 129.38 | 200.00 | 105.00 | 0.61 | 88° | 10 | 1.317 | 16000 |
| 34.00 | 06C | 06P | 68.00 | 40 | 0.62 | 0.00 | 0.25 | **880-D3400L40-02** | 40.00 | 97.37 | 168.00 | 73.00 | 0.62 | 88° | 10 | 1.227 | 16000 |
| | | | 102.00 | 40 | 0.62 | 0.00 | 0.25 | **880-D3400L40-03** | 40.00 | 130.37 | 201.00 | 106.00 | 0.62 | 88° | 10 | 1.340 | 16000 |
| 34.50 | 06C | 06P | 104.00 | 40 | 0.56 | 0.00 | 0.25 | **880-D3450L40-03** | 40.00 | 133.37 | 204.00 | 108.00 | 0.62 | 88° | 10 | 1.380 | 16000 |
| 35.00 | 06C | 06P | 70.00 | 40 | 0.50 | 0.00 | 0.25 | **880-D3500L40-02** | 40.00 | 100.37 | 171.00 | 75.00 | 0.62 | 88° | 10 | 1.270 | 16000 |
| | | | 105.00 | 40 | 0.50 | 0.00 | 0.25 | **880-D3500L40-03** | 40.00 | 134.37 | 205.00 | 109.00 | 0.62 | 88° | 10 | 1.400 | 16000 |
| 35.50 | 06C | 06P | 107.00 | 40 | 0.44 | 0.00 | 0.25 | **880-D3550L40-03** | 40.00 | 136.36 | 207.00 | 111.00 | 0.63 | 88° | 10 | 1.415 | 16000 |
| 36.00 | 07C | 07P | 72.00 | 40 | 1.38 | 0.00 | 0.25 | **880-D3600L40-02** | 40.00 | 103.32 | 174.00 | 77.00 | 0.67 | 88° | 10 | 1.280 | 16000 |
| | | | 108.00 | 40 | 1.38 | 0.00 | 0.25 | **880-D3600L40-03** | 40.00 | 138.32 | 209.00 | 112.00 | 0.67 | 88° | 10 | 1.397 | 16000 |
| 37.00 | 07C | 07P | 74.00 | 40 | 1.25 | 0.00 | 0.25 | **880-D3700L40-02** | 40.00 | 104.31 | 175.00 | 78.00 | 0.68 | 88° | 10 | 1.300 | 16000 |
| | | | 111.00 | 40 | 1.25 | 0.00 | 0.25 | **880-D3700L40-03** | 40.00 | 141.31 | 212.00 | 115.00 | 0.68 | 88° | 10 | 1.446 | 16000 |
| 38.00 | 07C | 07P | 76.00 | 40 | 1.13 | 0.00 | 0.25 | **880-D3800L40-02** | 40.00 | 107.31 | 178.00 | 80.00 | 0.68 | 88° | 10 | 1.349 | 16000 |
| | | | 114.00 | 40 | 1.13 | 0.00 | 0.25 | **880-D3800L40-03** | 40.00 | 145.31 | 216.00 | 118.00 | 0.68 | 88° | 10 | 1.480 | 16000 |
| 39.00 | 07C | 07P | 78.00 | 40 | 1.00 | 0.00 | 0.25 | **880-D3900L40-02** | 40.00 | 109.30 | 180.00 | 82.00 | 0.69 | 88° | 10 | 1.366 | 16000 |
| | | | 117.00 | 40 | 1.00 | 0.00 | 0.25 | **880-D3900L40-03** | 40.00 | 148.30 | 219.00 | 121.00 | 0.69 | 88° | 10 | 1.535 | 16000 |
| 40.00 | 07C | 07P | 80.00 | 40 | 0.88 | 0.00 | 0.25 | **880-D4000L40-02** | 40.00 | 112.29 | 183.00 | 84.00 | 0.70 | 88° | 10 | 1.413 | 16000 |
| | | | 120.00 | 40 | 0.88 | 0.00 | 0.25 | **880-D4000L40-03** | 40.00 | 152.29 | 223.00 | 124.00 | 0.70 | 88° | 10 | 1.603 | 16000 |
| 41.00 | 07C | 07P | 82.00 | 40 | 0.75 | 0.00 | 0.25 | **880-D4100L40-02** | 40.00 | 116.28 | 187.00 | 87.00 | 0.71 | 88° | 10 | 1.480 | 16000 |
| | | | 123.00 | 40 | 0.75 | 0.00 | 0.25 | **880-D4100L40-03** | 40.00 | 156.28 | 227.00 | 127.00 | 0.71 | 88° | 10 | 1.690 | 16000 |
| 42.00 | 07C | 07P | 84.00 | 40 | 0.63 | 0.00 | 0.25 | **880-D4200L40-02** | 40.00 | 118.27 | 189.00 | 89.00 | 0.72 | 88° | 10 | 1.505 | 16000 |
| | | | 126.00 | 40 | 0.63 | 0.00 | 0.25 | **880-D4200L40-03** | 40.00 | 159.27 | 230.00 | 130.00 | 0.72 | 88° | 10 | 1.740 | 16000 |
| 43.00 | 07C | 07P | 86.00 | 40 | 0.50 | 0.00 | 0.25 | **880-D4300L40-02** | 40.00 | 121.26 | 192.00 | 91.00 | 0.73 | 88° | 10 | 1.510 | 16000 |
| | | | 129.00 | 40 | 0.50 | 0.00 | 0.25 | **880-D4300L40-03** | 40.00 | 163.26 | 234.00 | 133.00 | 0.73 | 88° | 10 | 1.730 | 16000 |
| 44.00 | 08C | 08P | 88.00 | 40 | 1.50 | 0.00 | 0.28 | **880-D4400L40-02** | 40.00 | 123.23 | 194.00 | 93.00 | 0.76 | 88° | 10 | 1.510 | 15000 |
| | | | 132.00 | 40 | 1.50 | 0.00 | 0.28 | **880-D4400L40-03** | 40.00 | 166.23 | 237.00 | 136.00 | 0.76 | 88° | 10 | 1.720 | 15000 |
| 45.00 | 08C | 08P | 90.00 | 40 | 1.40 | 0.00 | 0.28 | **880-D4500L40-02** | 40.00 | 126.22 | 197.00 | 95.00 | 0.77 | 88° | 10 | 1.560 | 15000 |
| | | | 135.00 | 40 | 1.40 | 0.00 | 0.28 | **880-D4500L40-03** | 40.00 | 171.22 | 242.00 | 140.00 | 0.77 | 88° | 10 | 1.800 | 15000 |


J42


L2


J62


J35



N23



N6



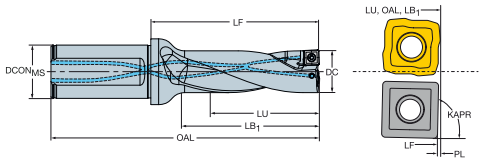
N15

# CoroDrill® 880 wisselplaatboor

**Cilindrische schacht met plat vlak volgens ISO 9766**

**Inwendige koelvloeistoftoevoer**






| DC | | | LU | $CZC_{MS}$ | ADJLX | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46.00 | 08C | 08P | 92.00 | 40 | 1.30 | 0.00 | 0.28 | 880-D4600L40-02 | 40.00 | 129.22 | 200.00 | 97.00 | 0.78 | 88° | 10 | 1.610 | 15000 |
| | | | 138.00 | 40 | 1.30 | 0.00 | 0.28 | 880-D4600L40-03 | 40.00 | 175.22 | 246.00 | 143.00 | 0.78 | 88° | 10 | 1.881 | 15000 |
| 47.00 | 08C | 08P | 94.00 | 40 | 1.10 | 0.00 | 0.28 | 880-D4700L40-02 | 40.00 | 131.21 | 202.00 | 99.00 | 0.78 | 88° | 10 | 1.800 | 15000 |
| | | | 141.00 | 40 | 1.10 | 0.00 | 0.28 | 880-D4700L40-03 | 40.00 | 178.21 | 249.00 | 146.00 | 0.78 | 88° | 10 | 2.140 | 15000 |
| 48.00 | 08C | 08P | 96.00 | 40 | 1.00 | 0.00 | 0.28 | 880-D4800L40-02 | 40.00 | 134.20 | 205.00 | 101.00 | 0.79 | 88° | 10 | 1.925 | 15000 |
| | | | 144.00 | 40 | 1.00 | 0.00 | 0.28 | 880-D4800L40-03 | 40.00 | 182.20 | 253.00 | 149.00 | 0.79 | 88° | 10 | 2.235 | 15000 |
| 49.00 | 08C | 08P | 98.00 | 40 | 0.90 | 0.00 | 0.28 | 880-D4900L40-02 | 40.00 | 136.19 | 207.00 | 103.00 | 0.80 | 88° | 10 | 1.970 | 15000 |
| | | | 147.00 | 40 | 0.90 | 0.00 | 0.28 | 880-D4900L40-03 | 40.00 | 185.19 | 256.00 | 152.00 | 0.80 | 88° | 10 | 2.275 | 15000 |
| 50.00 | 08C | 08P | 100.00 | 40 | 0.80 | 0.00 | 0.28 | 880-D5000L40-02 | 40.00 | 139.18 | 210.00 | 105.00 | 0.81 | 88° | 10 | 2.031 | 15000 |
| | | | 150.00 | 40 | 0.80 | 0.00 | 0.28 | 880-D5000L40-03 | 40.00 | 189.18 | 260.00 | 155.00 | 0.81 | 88° | 10 | 2.430 | 15000 |
| 51.00 | 08C | 08P | 102.00 | 40 | 0.60 | 0.00 | 0.28 | 880-D5100L40-02 | 40.00 | 143.18 | 214.00 | 108.00 | 0.82 | 88° | 10 | 2.110 | 15000 |
| | | | 153.00 | 40 | 0.60 | 0.00 | 0.28 | 880-D5100L40-03 | 40.00 | 193.18 | 264.00 | 158.00 | 0.82 | 88° | 10 | 2.480 | 15000 |
| 52.00 | 08C | 08P | 104.00 | 40 | 0.50 | 0.00 | 0.28 | 880-D5200L40-02 | 40.00 | 145.17 | 216.00 | 110.00 | 0.82 | 88° | 10 | 2.180 | 15000 |
| | | | 156.00 | 40 | 0.50 | 0.00 | 0.28 | 880-D5200L40-03 | 40.00 | 196.17 | 267.00 | 161.00 | 0.82 | 88° | 10 | 2.595 | 15000 |
| 53.00 | 09C | 09P | 106.00 | 40 | 2.00 | 0.00 | 0.30 | 880-D5300L40-02 | 40.00 | 148.12 | 219.00 | 112.00 | 0.87 | 88° | 10 | 2.307 | 5000 |
| | | | 159.00 | 40 | 2.00 | 0.00 | 0.30 | 880-D5300L40-03 | 40.00 | 200.12 | 271.00 | 164.00 | 0.87 | 88° | 10 | 2.600 | 5000 |
| 54.00 | 09C | 09P | 108.00 | 40 | 1.90 | 0.00 | 0.30 | 880-D5400L40-02 | 40.00 | 150.11 | 221.00 | 114.00 | 0.88 | 88° | 10 | 2.380 | 5000 |
| | | | 162.00 | 40 | 1.90 | 0.00 | 0.30 | 880-D5400L40-03 | 40.00 | 203.11 | 274.00 | 167.00 | 0.88 | 88° | 10 | 2.714 | 5000 |
| 55.00 | 09C | 09P | 110.00 | 40 | 1.70 | 0.00 | 0.30 | 880-D5500L40-02 | 40.00 | 153.10 | 224.00 | 116.00 | 0.89 | 88° | 10 | 2.349 | 5000 |
| | | | 165.00 | 40 | 1.70 | 0.00 | 0.30 | 880-D5500L40-03 | 40.00 | 208.10 | 279.00 | 171.00 | 0.89 | 88° | 10 | 2.850 | 5000 |
| 56.00 | 09C | 09P | 112.00 | 40 | 1.60 | 0.00 | 0.30 | 880-D5600L40-02 | 40.00 | 156.10 | 227.00 | 118.00 | 0.89 | 88° | 10 | 2.451 | 5000 |
| | | | 168.00 | 40 | 1.60 | 0.00 | 0.30 | 880-D5600L40-03 | 40.00 | 212.10 | 283.00 | 174.00 | 0.89 | 88° | 10 | 2.977 | 5000 |
| 57.00 | 09C | 09P | 114.00 | 40 | 1.50 | 0.00 | 0.30 | 880-D5700L40-02 | 40.00 | 158.09 | 229.00 | 120.00 | 0.90 | 88° | 10 | 2.530 | 5000 |
| | | | 171.00 | 40 | 1.50 | 0.00 | 0.30 | 880-D5700L40-03 | 40.00 | 215.09 | 286.00 | 177.00 | 0.90 | 88° | 10 | 3.120 | 5000 |
| 58.00 | 09C | 09P | 116.00 | 40 | 1.40 | 0.00 | 0.30 | 880-D5800L40-02 | 40.00 | 161.08 | 232.00 | 122.00 | 0.91 | 88° | 10 | 2.650 | 5000 |
| | | | 174.00 | 40 | 1.40 | 0.00 | 0.30 | 880-D5800L40-03 | 40.00 | 219.08 | 290.00 | 180.00 | 0.91 | 88° | 10 | 3.593 | 5000 |
| 59.00 | 09C | 09P | 118.00 | 40 | 1.20 | 0.00 | 0.30 | 880-D5900L40-02 | 40.00 | 163.07 | 234.00 | 124.00 | 0.92 | 88° | 10 | 2.703 | 5000 |
| | | | 177.00 | 40 | 1.20 | 0.00 | 0.30 | 880-D5900L40-03 | 40.00 | 222.07 | 293.00 | 183.00 | 0.92 | 88° | 10 | 3.346 | 5000 |
| 60.00 | 09C | 09P | 120.00 | 40 | 1.10 | 0.00 | 0.30 | 880-D6000L40-02 | 40.00 | 166.06 | 237.00 | 126.00 | 0.93 | 88° | 10 | 2.820 | 5000 |
| | | | 180.00 | 40 | 1.10 | 0.00 | 0.30 | 880-D6000L40-03 | 40.00 | 226.06 | 297.00 | 186.00 | 0.93 | 88° | 10 | 3.570 | 5000 |
| 61.00 | 09C | 09P | 122.00 | 40 | 1.00 | 0.00 | 0.30 | 880-D6100L40-02 | 40.00 | 170.06 | 241.00 | 129.00 | 0.93 | 88° | 10 | 3.032 | 5000 |
| | | | 183.00 | 40 | 1.00 | 0.00 | 0.30 | 880-D6100L40-03 | 40.00 | 231.06 | 302.00 | 190.00 | 0.93 | 88° | 10 | 4.039 | 5000 |
| 62.00 | 09C | 09P | 124.00 | 40 | 0.80 | 0.00 | 0.30 | 880-D6200L40-02 | 40.00 | 172.05 | 243.00 | 131.00 | 0.94 | 88° | 10 | 3.020 | 5000 |
| | | | 186.00 | 40 | 0.80 | 0.00 | 0.30 | 880-D6200L40-03 | 40.00 | 234.05 | 305.00 | 193.00 | 0.94 | 88° | 10 | 4.115 | 5000 |
| 63.00 | 09C | 09P | 126.00 | 40 | 0.70 | 0.00 | 0.30 | 880-D6300L40-02 | 40.00 | 175.04 | 246.00 | 133.00 | 0.95 | 88° | 10 | 3.173 | 5000 |
| | | | 189.00 | 40 | 0.70 | 0.00 | 0.30 | 880-D6300L40-03 | 40.00 | 238.04 | 309.00 | 196.00 | 0.95 | 88° | 10 | 4.300 | 5000 |

| DC | | Reserve onderdelen Wisselplaat-schroef |
|---|---|---|
| 12.00-16.00 | 01-02 | 5513 020-28 |
| 16.50-19.50 | 03 | 5513 020-33 |
| 20.00-23.90 | 04 | 5513 020-58 |
| 24.00-28.50 | 05 | 5513 020-57 |
| 30.00-41.00 | 06-07 | 416.1-833 |
| 44.00-63.00 | 08-09 | 416.1-834 |

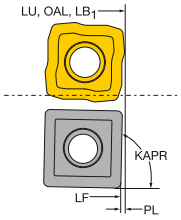
Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

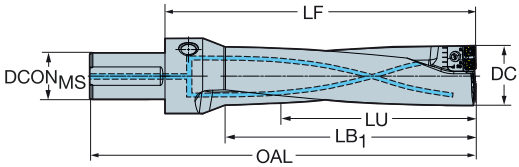
J42 L2 J62 J35 N23 N6 N15

# CoroDrill® 880 wisselplaatboor

**Inwendige koelvloeistoftoevoer**



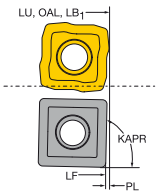


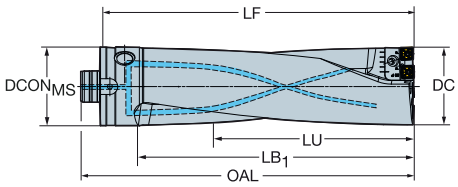




**Cilindrische schacht met plat vlak volgens ISO 9766**

| DC | C | I | I | P | LU | $CZC_{MS}$ | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | LF | OAL | $LB_1$ | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65.00 | 06C | 06P | 06P | 06P | 207.00 | 50 | -0.30 | 0.30 | 880-D0650L50-03 | 50.00 | 275.70 | 357.00 | 212.77 | 1.30 | 88° | 10 | 8.495 | 5000 |
| | | | | | 276.00 | 50 | -0.30 | 0.30 | 880-D0650L50-04 | 50.00 | 344.70 | 426.00 | 281.77 | 1.30 | 88° | 10 | 10.125 | 5000 |
| 66.00 | 06C | 06P | 06P | 06P | 207.00 | 50 | -0.30 | 0.30 | 880-D0660L50-03 | 50.00 | 275.70 | 357.00 | 212.77 | 1.30 | 88° | 10 | 8.470 | 5000 |
| | | | | | 276.00 | 50 | -0.30 | 0.30 | 880-D0660L50-04 | 50.00 | 344.70 | 426.00 | 281.77 | 1.30 | 88° | 10 | 7.900 | 5000 |
| 67.00 | 06C | 06P | 06P | 06P | 207.00 | 50 | -0.30 | 0.30 | 880-D0670L50-03 | 50.00 | 275.70 | 357.00 | 212.77 | 1.30 | 88° | 10 | 7.105 | 5000 |
| | | | | | 276.00 | 50 | -0.30 | 0.30 | 880-D0670L50-04 | 50.00 | 344.70 | 426.00 | 281.77 | 1.30 | 88° | 10 | 7.900 | 5000 |
| 68.00 | 06C | 06P | 06P | 06P | 207.00 | 50 | -0.30 | 0.30 | 880-D0680L50-03 | 50.00 | 275.70 | 357.00 | 212.77 | 1.30 | 88° | 10 | 8.460 | 5000 |
| | | | | | 276.00 | 50 | -0.30 | 0.30 | 880-D0680L50-04 | 50.00 | 344.70 | 426.00 | 281.77 | 1.30 | 88° | 10 | 7.900 | 5000 |
| 69.00 | 06C | 06P | 06P | 06P | 207.00 | 50 | -0.30 | 0.30 | 880-D0690L50-03 | 50.00 | 275.70 | 357.00 | 212.77 | 1.30 | 88° | 10 | 8.460 | 5000 |
| | | | | | 276.00 | 50 | -0.30 | 0.30 | 880-D0690L50-04 | 50.00 | 344.70 | 426.00 | 281.77 | 1.30 | 88° | 10 | 7.900 | 5000 |
| 70.00 | 06C | 06P | 06P | 06P | 222.00 | 50 | -0.30 | 0.30 | 880-D0700L50-03 | 50.00 | 300.60 | 382.00 | 249.63 | 1.40 | 88° | 10 | 9.485 | 5000 |
| | | | | | 296.00 | 50 | -0.30 | 0.30 | 880-D0700L50-04 | 50.00 | 374.60 | 456.00 | 323.63 | 1.40 | 88° | 10 | 10.980 | 5000 |
| 71.00 | 06C | 06P | 06P | 06P | 222.00 | 50 | -0.30 | 0.30 | 880-D0710L50-03 | 50.00 | 300.60 | 382.00 | 249.63 | 1.40 | 88° | 10 | 9.450 | 5000 |
| | | | | | 296.00 | 50 | -0.30 | 0.30 | 880-D0710L50-04 | 50.00 | 374.60 | 456.00 | 323.63 | 1.40 | 88° | 10 | 11.217 | 5000 |
| 72.00 | 06C | 06P | 06P | 06P | 222.00 | 50 | -0.30 | 0.30 | 880-D0720L50-03 | 50.00 | 300.60 | 382.00 | 249.63 | 1.40 | 88° | 10 | 9.515 | 5000 |
| | | | | | 296.00 | 50 | -0.30 | 0.30 | 880-D0720L50-04 | 50.00 | 374.60 | 456.00 | 323.63 | 1.40 | 88° | 10 | 11.320 | 5000 |
| 73.00 | 06C | 06P | 06P | 06P | 222.00 | 50 | -0.30 | 0.30 | 880-D0730L50-03 | 50.00 | 300.60 | 382.00 | 249.63 | 1.40 | 88° | 10 | 9.400 | 5000 |
| | | | | | 296.00 | 50 | -0.30 | 0.30 | 880-D0730L50-04 | 50.00 | 374.60 | 456.00 | 323.63 | 1.40 | 88° | 10 | 11.370 | 5000 |
| 74.00 | 06C | 06P | 07P | 07P | 222.00 | 50 | -0.30 | 0.30 | 880-D0740L50-03 | 50.00 | 300.60 | 382.00 | 249.63 | 1.40 | 88° | 10 | 9.350 | 5000 |
| | | | | | 296.00 | 50 | -0.30 | 0.30 | 880-D0740L50-04 | 50.00 | 374.60 | 456.00 | 323.63 | 1.40 | 88° | 10 | 11.275 | 5000 |
| 75.00 | 07C | 07P | 07P | 07P | 237.00 | 50 | -0.30 | 0.30 | 880-D0750L50-03 | 50.00 | 305.60 | 387.00 | 255.15 | 1.40 | 88° | 10 | 10.250 | 5000 |
| | | | | | 316.00 | 50 | -0.30 | 0.30 | 880-D0750L50-04 | 50.00 | 384.60 | 466.00 | 334.15 | 1.40 | 88° | 10 | 12.325 | 5000 |
| 76.00 | 07C | 07P | 07P | 07P | 237.00 | 50 | -0.30 | 0.30 | 880-D0760L50-03 | 50.00 | 305.60 | 387.00 | 255.15 | 1.40 | 88° | 10 | 10.700 | 5000 |
| | | | | | 316.00 | 50 | -0.30 | 0.30 | 880-D0760L50-04 | 50.00 | 384.60 | 466.00 | 334.15 | 1.40 | 88° | 10 | 12.250 | 5000 |
| 77.00 | 07C | 07P | 07P | 07P | 237.00 | 50 | -0.30 | 0.30 | 880-D0770L50-03 | 50.00 | 305.60 | 387.00 | 255.15 | 1.40 | 88° | 10 | 10.700 | 5000 |
| | | | | | 316.00 | 50 | -0.30 | 0.30 | 880-D0770L50-04 | 50.00 | 384.60 | 466.00 | 334.15 | 1.40 | 88° | 10 | 12.268 | 5000 |
| 78.00 | 07C | 07P | 07P | 07P | 237.00 | 50 | -0.30 | 0.30 | 880-D0780L50-03 | 50.00 | 305.60 | 387.00 | 255.15 | 1.40 | 88° | 10 | 10.700 | 5000 |
| | | | | | 316.00 | 50 | -0.30 | 0.30 | 880-D0780L50-04 | 50.00 | 384.60 | 466.00 | 334.15 | 1.40 | 88° | 10 | 12.385 | 5000 |
| 79.00 | 07C | 07P | 07P | 07P | 237.00 | 50 | -0.30 | 0.30 | 880-D0790L50-03 | 50.00 | 305.60 | 387.00 | 255.15 | 1.40 | 88° | 10 | 10.700 | 5000 |
| | | | | | 316.00 | 50 | -0.30 | 0.30 | 880-D0790L50-04 | 50.00 | 384.60 | 466.00 | 334.15 | 1.40 | 88° | 10 | 12.230 | 5000 |






**VL koppeling**

| DC | C | I | I | P | LU | $CZC_{MS}$ | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm DCON | LF | OAL | $LB_1$ | PL | KAPR | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80.00 | 07C | 07P | 07P | 07P | 252.00 | 80 | -0.30 | 0.30 | 880-D0800V80-03 | 80.00 | 330.50 | 350.00 | 287.61 | 1.50 | 88° | 10 | 10.500 | 5000 |
| | | | | | 336.00 | 80 | -0.30 | 0.30 | 880-D0800V80-04 | 80.00 | 414.50 | 434.00 | 371.61 | 1.50 | 88° | 10 | 13.300 | 5000 |
| 81.00 | 07C | 07P | 07P | 07P | 252.00 | 80 | -0.30 | 0.30 | 880-D0810V80-03 | 80.00 | 330.50 | 350.00 | 287.61 | 1.50 | 88° | 10 | 12.700 | 5000 |
| | | | | | 336.00 | 80 | -0.30 | 0.30 | 880-D0810V80-04 | 80.00 | 414.50 | 434.00 | 371.61 | 1.50 | 88° | 10 | 13.125 | 5000 |
| 82.00 | 07C | 07P | 07P | 07P | 252.00 | 80 | -0.30 | 0.30 | 880-D0820V80-03 | 80.00 | 330.50 | 350.00 | 287.61 | 1.50 | 88° | 10 | 12.700 | 5000 |
| | | | | | 336.00 | 80 | -0.30 | 0.30 | 880-D0820V80-04 | 80.00 | 414.50 | 434.00 | 371.61 | 1.50 | 88° | 10 | 13.205 | 5000 |
| 83.00 | 07C | 07P | 07P | 07P | 252.00 | 80 | -0.30 | 0.30 | 880-D0830V80-03 | 80.00 | 330.50 | 350.00 | 287.61 | 1.50 | 88° | 10 | 12.700 | 5000 |
| | | | | | 336.00 | 80 | -0.30 | 0.30 | 880-D0830V80-04 | 80.00 | 414.50 | 434.00 | 371.61 | 1.50 | 88° | 10 | 15.100 | 5000 |
| 84.00 | 07C | 07P | 07P | 07P | 252.00 | 80 | -0.30 | 0.30 | 880-D0840V80-03 | 80.00 | 330.50 | 350.00 | 287.61 | 1.50 | 88° | 10 | 12.700 | 5000 |
| | | | | | 336.00 | 80 | -0.30 | 0.30 | 880-D0840V80-04 | 80.00 | 414.50 | 434.00 | 371.61 | 1.50 | 88° | 10 | 13.300 | 5000 |

Cassettes worden meegeleverd, wisselplaten worden apart verkocht

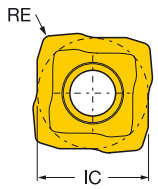
J42 L2 J62 J35 N23 N6 N15 J48

# CoroDrill® 880 boorwisselplaat

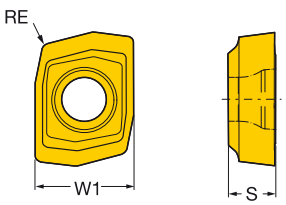
**Centrumwisselplaat**



880..C




880-01..C




| | | INSUC | Bestelnummer | P | M | | K | N | | | S | | | H | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1044 | 1044 | 1144 | 1044 | 1044 | H13A | N134 | 1044 | 1144 | H13A | 1044 | S | RE | IC | W1 |
| Gemiddelde voeding | 01C | C | 880-01 02 03H-C-LM | ★ | ☆ | ★ | ★ | ☆ | | ★ | ★ | ☆ | ☆ | ☆ | 2.20 | 0.30 | | 4.8 |
| | 02C | C | 880-02 02 04H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 2.40 | 0.40 | 4.9 | |
| | | C | 880-02 02 04H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 2.40 | 0.40 | 4.9 | |
| | 03C | C | 880-03 03 05H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 2.60 | 0.50 | 5.7 | |
| | | C | 880-03 03 05H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 2.60 | 0.50 | 5.7 | |
| | 04C | C | 880-04 03 05H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 2.80 | 0.50 | 6.8 | |
| | | C | 880-04 03 05H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 2.80 | 0.50 | 6.8 | |
| | 05C | C | 880-05 03 05H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 3.00 | 0.50 | 8.4 | |
| | | C | 880-05 03 05H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 3.00 | 0.50 | 8.4 | |
| | 06C | C | 880-06 04 06H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 3.50 | 0.60 | 10.2 | |
| | | C | 880-06 04 06H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 3.50 | 0.60 | 10.2 | |
| | 07C | C | 880-07 04 06H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 4.00 | 0.60 | 12.4 | |
| | | C | 880-07 04 06H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 4.00 | 0.60 | 12.4 | |
| | 08C | C | 880-08 05 08H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 4.50 | 0.80 | 14.9 | |
| | | C | 880-08 05 08H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 4.50 | 0.80 | 14.9 | |
| | 09C | C | 880-09 06 08H-C-GM | ☆ | ☆ | | ☆ | ☆ | | | ☆ | | | ★ | 5.50 | 0.80 | 17.9 | |
| | | C | 880-09 06 08H-C-LM | ★ | ☆ | ★ | ★ | ☆ | ☆ | ★ | ★ | ☆ | ☆ | ☆ | 5.50 | 0.80 | 17.9 | |
| Hoge voeding | 01C | C | 880-01 02 03H-C-GR | ★ | | | ★ | ☆ | | | ☆ | | | ★ | 2.20 | 0.30 | | 4.8 |
| | 02C | C | 880-02 02 04H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 2.40 | 0.40 | 4.9 | |
| | 03C | C | 880-03 03 05H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 2.60 | 0.50 | 5.7 | |
| | 04C | C | 880-04 03 05H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 2.80 | 0.50 | 6.8 | |
| | 05C | C | 880-05 03 05H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 3.00 | 0.50 | 8.4 | |
| | 06C | C | 880-06 04 06H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 3.50 | 0.60 | 10.2 | |
| | 07C | C | 880-07 04 06H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 4.00 | 0.60 | 12.4 | |
| | 08C | C | 880-08 05 08H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 4.50 | 0.80 | 14.9 | |
| | 09C | C | 880-09 06 08H-C-GR | ★ | ☆ | | ★ | ☆ | | | ☆ | | | ☆ | 5.50 | 0.80 | 17.9 | |

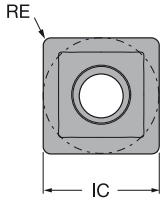
J36 J62 J35 J35 N23

# CoroDrill® 880 boorwisselplaat

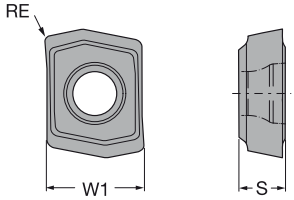
**Omtrekwisselplaat**



880..P




880-01..P




| | | INSUC | Bestelnummer | P | | | M | | | K | | | N | | | S | | | H | | Afmetingen, mm | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 4324 | 4334 | 4344 | 2044 | 4334 | 4344 | 4324 | 4334 | 4344 | 4344 | H13A | N124 | 2044 | 4344 | H13A | 4334 | 4344 | S | RE | IC | W1 |
| Gemiddelde voeding | 01P | P | 880-01 02 W04H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ★ | | ☆ | ☆ | 2.20 | 0.40 | | 4.8 |
| | | P | 880-01 02 W04H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 2.20 | 0.40 | | 4.8 |
| | 02P | P | 880-02 02 W04H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 2.40 | 0.40 | 5.1 | |
| | | P | 880-02 02 W05H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ★ | | ☆ | ☆ | 2.40 | 0.50 | 5.1 | |
| | | P | 880-02 02 W05H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 2.40 | 0.50 | 5.1 | |
| | 03P | P | 880-03 03 W05H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 2.60 | 0.50 | 6.0 | |
| | | P | 880-03 03 W06H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | | | ★ | ☆ | ☆ | ☆ | 2.60 | 0.60 | 6.0 | |
| | | P | 880-03 03 W06H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 2.60 | 0.60 | 6.0 | |
| | 04P | P | 880-04 03 W05H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 2.80 | 0.50 | 7.4 | |
| | | P | 880-04 03 W07H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | | | ★ | ☆ | ☆ | ☆ | 2.80 | 0.70 | 7.4 | |
| | | P | 880-04 03 W07H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 2.80 | 0.70 | 7.4 | |
| | 05P | P | 880-05 03 W05H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 3.00 | 0.50 | 8.9 | |
| | | P | 880-05 03 W08H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | | | ★ | ☆ | ☆ | ☆ | 3.00 | 0.80 | 8.9 | |
| | | P | 880-05 03 W08H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 3.00 | 0.80 | 8.9 | |
| | 06P | P | 880-06 04 W06H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 3.50 | 0.60 | 10.7 | |
| | | P | 880-06 04 W08H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | | | ★ | ☆ | ☆ | ☆ | 3.50 | 0.80 | 10.7 | |
| | | P | 880-06 04 W08H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 3.50 | 0.80 | 10.7 | |
| | 07P | P | 880-07 04 W06H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 4.00 | 0.60 | 12.7 | |
| | | P | 880-07 04 W10H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | | | ★ | ☆ | ☆ | ☆ | 4.00 | 1.00 | 12.7 | |
| | | P | 880-07 04 W10H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 4.00 | 1.00 | 12.7 | |
| | 08P | P | 880-08 05 W08H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 4.50 | 0.80 | 15.5 | |
| | | P | 880-08 05 W10H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | | | ★ | ☆ | ☆ | ☆ | 4.50 | 1.00 | 15.5 | |
| | | P | 880-08 05 W10H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 4.50 | 1.00 | 15.5 | |
| | 09P | P | 880-09 06 W08H-P-GM | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 5.50 | 0.80 | 18.6 | |
| | | P | 880-09 06 W10H-P-LM | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | | | ★ | ☆ | ☆ | ☆ | 5.50 | 1.00 | 18.6 | |
| | | P | 880-09 06 W10H-P-MS | | | | ★ | | | | | | | | ★ | ★ | | | | | 5.50 | 1.00 | 18.6 | |
| Hoge voeding | 01P | P | 880-01 02 W04H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ★ | 2.20 | 0.40 | | 4.8 |
| | 02P | P | 880-02 02 W05H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 2.40 | 0.50 | 5.1 | |
| | | P | 880-02 02 W05H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 2.40 | 0.50 | 5.1 | |
| | 03P | P | 880-03 03 W06H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 2.60 | 0.60 | 6.0 | |
| | | P | 880-03 03 W06H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 2.60 | 0.60 | 6.0 | |
| | 04P | P | 880-04 03 W07H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 2.80 | 0.70 | 7.4 | |
| | | P | 880-04 03 W07H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 2.80 | 0.70 | 7.4 | |
| | 05P | P | 880-05 03 W08H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 3.00 | 0.80 | 8.9 | |
| | | P | 880-05 03 W08H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 3.00 | 0.80 | 8.9 | |
| | 06P | P | 880-06 04 W10H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 3.50 | 1.00 | 10.7 | |
| | | P | 880-06 04 W10H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 3.50 | 1.00 | 10.7 | |
| | 07P | P | 880-07 04 W12H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 4.00 | 1.20 | 12.7 | |
| | | P | 880-07 04 W12H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 4.00 | 1.20 | 12.7 | |
| | 08P | P | 880-08 05 W12H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 4.50 | 1.20 | 15.5 | |
| | | P | 880-08 05 W12H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 4.50 | 1.20 | 15.5 | |
| | 09P | P | 880-09 06 W12H-P-GR | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 5.50 | 1.20 | 18.6 | |
| | | P | 880-09 06 W12H-P-GT | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | 5.50 | 1.20 | 18.6 | |

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# Kernboor-gereedschap

## Bewezen concept voor kernboren

### Toepassingen

- Kernboren
- Toepassing voor doorgaande gaten
- Stapelboren



### ISO toepassingsgebied:

P M K N S

### Voordelen en kenmerken

- Uitstekende betrouwbaarheid in instabiele en draaibanktoepassingen
- Inwendige koelvloeistoftoevoer
- Stapelboorcassettes verkrijgbaar op aanvraag

### Boorbodies

- VL koppeling

### Wisselplaten

- Geometrieën en hardmetaalsoorten voor de meeste materialen

### Verticale opstelling

De kern valt naar beneden wanneer de boor doorbreekt, hetgeen normaal gesproken geen probleem vormt.

### Horizontale opstelling

Voor lange en zware kernen kan een kernsteun nodig zijn om te voorkomen dat de kern naar beneden valt en de binnenste wisselplaat beschadigd.

 J45
 J46



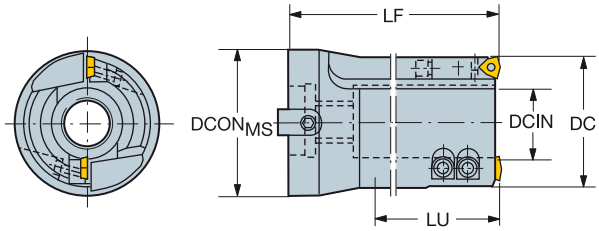
SANDVIK Coromant

# Opboor-gereedschap

**VL koppeling**

**Inwendige koelvloeistoftoevoer**






| DC | DCIN | | LU | CZC$_{MS}$ | TCHAL | TCHAU | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | LF | KAPR | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60.00 | 24.00 | 06 | 150.00 | 80 | -0.20 | 0.20 | **R416.7-0600-25-01** | 80.00 | 195.00 | 85° | 20 | 3.160 |
| 65.00 | 29.00 | 06 | 165.00 | 80 | -0.20 | 0.20 | **R416.7-0650-25-01** | 80.00 | 210.00 | 85° | 20 | 3.853 |
| 70.00 | 34.00 | 06 | 175.00 | 80 | -0.20 | 0.20 | **R416.7-0700-25-01** | 80.00 | 220.00 | 85° | 20 | 4.080 |
| 75.00 | 39.00 | 06 | 190.00 | 80 | -0.20 | 0.20 | **R416.7-0750-25-01** | 80.00 | 235.00 | 85° | 20 | 4.757 |
| 80.00 | 44.00 | 06 | 200.00 | 80 | -0.20 | 0.20 | **R416.7-0800-25-01** | 80.00 | 245.00 | 85° | 20 | 5.524 |
| 85.00 | 49.00 | 06 | 215.00 | 80 | -0.20 | 0.20 | **R416.7-0850-25-01** | 80.00 | 260.00 | 85° | 20 | 6.040 |
| 90.00 | 54.00 | 06 | 225.00 | 80 | -0.20 | 0.20 | **R416.7-0900-25-01** | 80.00 | 270.00 | 85° | 20 | 6.700 |
| 95.00 | 59.00 | 06 | 240.00 | 80 | -0.20 | 0.20 | **R416.7-0950-25-01** | 80.00 | 285.00 | 85° | 20 | 7.700 |
| 100.00 | 64.00 | 06 | 250.00 | 80 | -0.20 | 0.20 | **R416.7-1000-25-01** | 80.00 | 295.00 | 85° | 20 | 8.634 |
| 110.00 | 74.00 | 06 | 275.00 | 80 | -0.20 | 0.20 | **R416.7-1100-25-01** | 80.00 | 320.00 | 85° | 20 | 10.080 |

Voor montage informatie zie pag M28

| Reserve onderdelen | | |
|---|---|---|
| Meeneem-nok | Schroef | Schroef |
| 5631 010-03 | 3212 010-360 | 430.21-825 |

Ga voor de complete lijst van reserveonderdelen naar www.sandvik.coromant.com

## Onderdelen

| **Cassette voor kerngatboorgereedschap** | | | |
|---|---|---|---|
| **Binnen** | **Wissel-plaat** | **Omtrek** | **Wissel-plaat** |
| L430.23-1117-06 | WCMX 06 | R430.26-1114-06 | WCMX 06 |
| **Cassette voor pakketboren met kernboorgereedsdchap** | | | |
| **Binnen** | **Wissel-plaat** | **Omtrek** | **Wissel-plaat** |
| L430.23-1117-06SD | WCMX 06 | R430.26-1114-06SD | WCMX 06 |

Onderdelen, moeten apart worden besteld


J46


L2



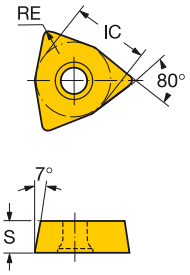
N23



N15

# Wisselplaten voor kerngatboren



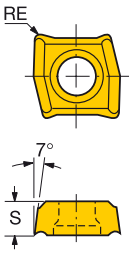



| | | INSUC | Bestelnummer | P | | | | M | | | | K | | | | N | | S | | Afmetingen, mm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1020 | 235 | 3040 | 4235 | 1020 | 235 | 3040 | 4235 | 1020 | 1125 | 3040 | 4235 | 1020 | H13A | 1020 | H13A | S | RE | IC |
| Gemiddelde voeding | 06 | P | WCMX 06 T3 08 R-51 | | ☆ | | | | ☆ | | | | | | | | ☆ | | ☆ | 3.97 | 0.80 | 9.5 |
| | | P | WCMX 06 T3 08 R-53 | ☆ | ☆ | ★ | | ☆ | ☆ | ★ | | ☆ | | ★ | | ☆ | ★ | ☆ | ☆ | 3.97 | 0.80 | 9.5 |
| | | P | WCMX 06 T3 08-56 | | ☆ | | | | ☆ | | | | | | | | | | | 3.97 | 0.80 | 9.5 |
| | | P | WCMX 06 T3 08-58 | | ☆ | ★ | | | ★ | ☆ | | | | | | | | | | 3.97 | 0.80 | 9.5 |
| | | P | WCMX 06 T3 08-GM | | | | ☆ | | | | ☆ | | ☆ | | ☆ | | | | | 3.97 | 0.80 | 9.5 |

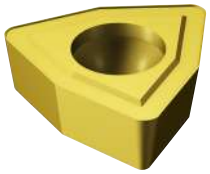
J45 J67 N23

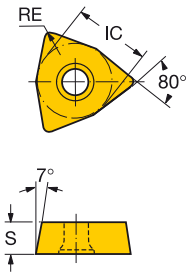
# Coromant U boorwisselplaat






| | | INSUC | Bestelnummer | P | | | | M | | | | K | | | | N | | | S | | | H | | | Afmetingen, mm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1020 | 1120 | 235 | 3040 | 1020 | 1120 | 235 | 3040 | 1020 | 1120 | 3040 | | 1020 | 1120 | H13A | 1020 | 1120 | H13A | 1020 | 1120 | 3040 | S | RE |
| Gemiddelde voeding | 02 | C | LCMX 02 02 04C-53 | ★ | | | | ★ | | | | ★ | | | | ★ | | | ★ | | | ★ | | | 2.38 | 0.40 |
| | | P | LCMX 02 02 04P-53 | | ☆ | | ★ | | ☆ | | ★ | | ☆ | ★ | | | ★ | | | ★ | | | ☆ | ★ | 2.38 | 0.40 |
| | | C | LCMX 02 02 04TC-53 | ☆ | | | | | | | | ☆ | | | | | | | | | | ☆ | | | 2.38 | 0.40 |
| | 03 | P | LCMX 03 03 04-58 | | | ☆ | ☆ | | | ☆ | ☆ | | | | | | | | | | | | | | 3.18 | 0.40 |
| | | P | LCMX 03 03 04R-WM | ☆ | | | ☆ | | | | | ☆ | | ☆ | | | | | | | | | | | 3.18 | 0.45 |
| | | P+C | LCMX 03 03 08-53 | ★ | | ☆ | ★ | ★ | | ☆ | ★ | ★ | | ★ | ☆ | | ★ | ★ | | ☆ | ★ | ★ | | ★ | 3.18 | 0.80 |
| | | P+C | LCMX 03 03 08T-53 | ☆ | | | | | | | | ☆ | | | | | | | | | | ☆ | | | 3.18 | 0.80 |
| | 04 | P | LCMX 04 03 04-58 | | | ☆ | ☆ | | | ☆ | ☆ | | | | | | | | | | | | | | 3.18 | 0.40 |
| | | P | LCMX 04 03 04R-WM | ☆ | | | ☆ | | | | | ☆ | | ☆ | | | | | | | | | | | 3.18 | 0.40 |
| | | P+C | LCMX 04 03 08-53 | ★ | | ☆ | ★ | ★ | | ☆ | ★ | ★ | | ★ | ☆ | | ★ | ★ | | ☆ | ★ | ★ | | ★ | 3.18 | 0.80 |
| | | P+C | LCMX 04 03 08T-53 | ☆ | | | | | | | | ☆ | | | | | | | | | | ☆ | | | 3.18 | 0.80 |






| | | INSUC | Bestelnummer | P | | | | | M | | | | K | | | | N | | S | | H | | Afmetingen, mm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 1020 | 1125 | 235 | 3040 | 4235 | 1020 | 235 | 3040 | 4235 | 1020 | 1125 | 235 | 3040 | 4235 | 1020 | H13A | 1020 | H13A | 1020 | 3040 | S | RE | IC |
| Gemiddelde voeding | 05 | P | WCMX 05 03 04R-WM | ☆ | | | ☆ | | | | | | ☆ | | | ☆ | | | | | | | | 3.18 | 0.40 | 7.9 |
| | | P | WCMX 05 03 08 R-51 | | | ☆ | | | | ☆ | | | | | | | | | | | | | | 3.18 | 0.80 | 7.9 |
| | | P+C | WCMX 05 03 08 R-53 | ★ | | ☆ | ★ | | ★ | ☆ | ★ | | ★ | | | ★ | | ☆ | ★ | ★ | ☆ | ★ | ★ | 3.18 | 0.80 | 7.9 |
| | | P+C | WCMX 05 03 08 T-53 | ☆ | | | | | | | | | ☆ | | | | | | | | | | | 3.18 | 0.80 | 7.9 |
| | | P | WCMX 05 03 08-56 | | | ☆ | | | | ☆ | | | | | | | | | | | | | | 3.18 | 0.80 | 7.9 |
| | | P | WCMX 05 03 08-58 | | | ☆ | ☆ | | | ☆ | ☆ | | | | | | | | | | | | | 3.18 | 0.80 | 7.9 |
| | | C | WCMX 05 03 S R-54 | | | ☆ | | | | | | | | | ☆ | | | | | | | | | 3.18 | 0.40 | 7.9 |
| | 06 | P | WCMX 06 T3 04R-WM | ☆ | | | ☆ | | | | | | ☆ | | | ☆ | | | | | | | | 3.97 | 0.40 | 9.5 |
| | | P | WCMX 06 T3 08 R-51 | | | ☆ | | | | ☆ | | | | | | | | | ☆ | | ☆ | | | 3.97 | 0.80 | 9.5 |
| | | P+C | WCMX 06 T3 08 R-53 | ★ | | ☆ | ★ | | ★ | ☆ | ★ | | ★ | | | ★ | | ☆ | ★ | ★ | ☆ | ★ | ★ | 3.97 | 0.80 | 9.5 |
| | | P+C | WCMX 06 T3 08 T-53 | ☆ | | | | | | | | | ☆ | | | | | | | | | | | 3.97 | 0.80 | 9.5 |
| | | P | WCMX 06 T3 08-56 | | | ☆ | | | | ☆ | | | | | | | | | | | | | | 3.97 | 0.80 | 9.5 |
| | | P | WCMX 06 T3 08-58 | | | ☆ | ☆ | | | ☆ | ☆ | | | | | | | | | | | | | 3.97 | 0.80 | 9.5 |
| | | P+C | WCMX 06 T3 08-GM | | ☆ | | | ☆ | | | | ☆ | | ☆ | | | ☆ | | | | | | | 3.97 | 0.80 | 9.5 |
| | | C | WCMX 06 T3 S R-56 | | | ☆ | | | | ☆ | | | | | | | | | | | | | | 3.97 | 0.80 | 9.5 |
| | 08 | P | WCMX 08 04 12 R-51 | | | ☆ | | | | ☆ | | | | | | | | | ☆ | | ☆ | | | 4.76 | 1.20 | 12.7 |
| | | P+C | WCMX 08 04 12 R-53 | ★ | | ☆ | ★ | | ★ | ☆ | ★ | | ★ | | | ★ | | ☆ | ★ | ★ | ☆ | ★ | ★ | 4.76 | 1.20 | 12.7 |
| | | P+C | WCMX 08 04 12 T-53 | ☆ | | | | | | | | | ☆ | | | | | | | | | | | 4.76 | 1.20 | 12.7 |
| | | P | WCMX 08 04 12-56 | | | ☆ | | | | ☆ | | | | | | | | | | | | | | 4.76 | 1.20 | 12.7 |
| | | P | WCMX 08 04 12-58 | | | ☆ | ☆ | | | ☆ | ☆ | | | | | | | | | | | | | 4.76 | 1.20 | 12.7 |
| | | P+C | WCMX 08 04 12-GM | | ☆ | | | ☆ | | | | ☆ | | ☆ | | | ☆ | | | | | | | 4.76 | 1.20 | 12.7 |
| | | C | WCMX 08 04 S R-56 | | | ☆ | | | | ☆ | | | | | | | | | | | | | | 4.76 | 0.40 | 12.7 |

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# CoroDrill® 880 grote diameter boor

### Wisselplaat-naar-cassette correlatie

| Diameterbereik, mm | Centrale cassette | | Omtrekcassette | |
|---|---|---|---|---|
| | Wisselplaat | Hoev. | Wisselplaat | Hoev. |
| 65-69 | 880-06...C<br>880-06...P | 1<br>1 | 880-06...P | 2 |
| 70-73 | 880-06...C<br>880-06...P | 1<br>1 | 880-06...P | 2 |
| 74 | 880-06...C<br>880-06...P | 1<br>1 | 880-07...P | 2 |
| 75-79 | 880-07...C<br>880-07...P | 1<br>1 | 880-07...P | 2 |
| 80-84 | 880-07...C<br>880-07...P | 1<br>1 | 880-07...P | 2 |

| | | Inbegrepen onderdelen | | | |
|---|---|---|---|---|---|
| | | Boorlichaam | | Cassette | |
| $D_c$ | **Bestelnummer** | 3xD | 4xD | Centrum | Omtrek |
| 65 | 880-D0650xxx-xx | | | | 880-D0650-P |
| 66 | 880-D0660xxx-xx | 880-D065-069L50-3 | 880-D065-069L50-4 | | 880-D0660-P |
| 67 | 880-D0670xxx-xx | 880-D065-069LX50-3 | 880-D065-069LX50-4 | 880-D0650-C | 880-D0670-P |
| 68 | 880-D0680xxx-xx | 880-D065-069V80-3 | 880-D065-069V80-4 | | 880-D0680-P |
| 69 | 880-D0690xxx-xx | | | | 880-D0690-P |
| 70 | 880-D0700xxx-xx | | | | 880-D0700-P |
| 71 | 880-D0710xxx-xx | 880-D070-074L50-3 | 880-D070-074L50-4 | | 880-D0710-P |
| 72 | 880-D0720xxx-xx | 880-D070-074LX50-3 | 880-D070-074LX50-4 | 880-D0700-C | 880-D0720-P |
| 73 | 880-D0730xxx-xx | 880-D070-074V80-3 | 880-D070-074V80-4 | | 880-D0730-P |
| 74 | 880-D0740xxx-xx | | | | 880-D0740-P |
| 75 | 880-D0750xxx-xx | | | | 880-D0750-P |
| 76 | 880-D0760xxx-xx | 880-D075-079L50-3 | 880-D075-079L50-4 | | 880-D0760-P |
| 77 | 880-D0770xxx-xx | 880-D075-079LX50-3 | 880-D075-079LX50-4 | 880-D0750-C | 880-D0770-P |
| 78 | 880-D0780xxx-xx | 880-D075-079V80-3 | 880-D075-079V80-4 | | 880-D0780-P |
| 79 | 880-D0790xxx-xx | | | | 880-D0790-P |
| 80 | 880-D0800xxx-xx | | | | 880-D0800-P |
| 81 | 880-D0810xxx-xx | | | | 880-D0810-P |
| 82 | 880-D0820xxx-xx | 880-D080-084LX63-3<br>880-D080-084V80-3 | 880-D080-084LX63-4<br>880-D080-084V80-4 | 880-D0800-C | 880-D0820-P |
| 83 | 880-D0830xxx-xx | | | | 880-D0830-P |
| 84 | 880-D0840xxx-xx | | | | 880-D0840-P |

# Selecteren van uw snijgegevens

Spaanvorming en spaanafvoer zijn kritische punten bij boren en hangen af van het werkstukmateriaal, keuze van boor/wisselpaat-geometrie, koelmiddeldruk/volume en snijgegevens. Spaanblokkering kan een radiale beweging van de boor veroorzaken en als gevolg daarvan invloed hebben op de gatkwaliteit, standtijd van de boor en kan leiden tot boor/wisselplaatbreuk.

Spaanvorming is acceptabel wanneer spanen kunnen worden afgevoerd uit de boor zonder verstoring. De beste manier om dit te identificeren is te luisteren tijdens het boren. Een consistent geluid betekent dat de spaanverwijdering goed is, terwijl een onderbroken geluid spaanblokkering aangeeft. Controleer de voedingskracht- of vermogensmonitor. Wanneer er sprake is van onregelmatigheden, dan kan spaanblokkering de oorzaak zijn. Kijk naar de spanen: Wanneer ze lang en gebogen zijn, in plaats van gekruld, dan is er spaanblokkering opgetreden. Kijk naar het gat: Wanneer spaanophoping is opgetreden, is een oneffen oppervlak zichtbaar

**Effecten van snijsnelheid – $v_c$**

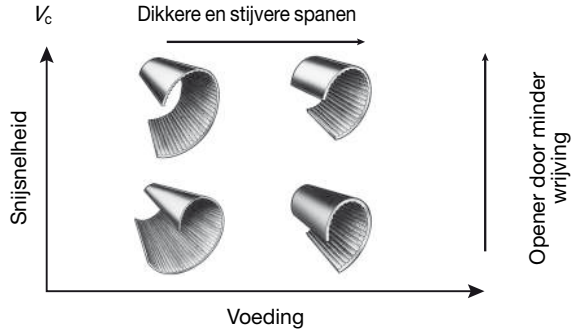
**Snijsnelheid die te hoog is:**
Snelle vrijloopvlakslijtage
Plastische deformatie
Slechte gatkwaliteit en slechte gattolerantie

**Snijsnelheid die te laag is:**
Snijkantsopbouw
Slechte spaanverwijdering
Langere tijd in snede

**Effecten van voeding – $f_n$**

**Hoge voedingssnelheid:**
Moeilijkere spaanbreking
Minder tijd in snede
Minder slijtage van het gereedschap, maar verhoogd risico op boorbreuk
Verminderde gatkwaliteit

**Lage voeding:**
Geniet de voorkeur voor materialen met vloeispanen
Kwaliteitsverbetering
Versnelde gereedschapslijtage
Langere tijd in snede




## Goede gatkwaliteit realiseren

**Spaanverwijdering**
Zorg ervoor dat de spaanafvoer naar tevredenheid is. Spaanophoping heeft invloed op de gatkwaliteit en een betrouwbare standtijd. Boor/wisselplaatgeometrie en snijgegevens zijn cruciaal.

**Stabiliteit, gereedschapsconfiguratie**
Gebruik de kortst mogelijke boor. Gebruik een stijve en nauwkeurige gereedschapshouder met minimale rondloop. Zorg voor een stabiele machinespil die zich in goede conditie bevindt en goed is uitgelijnd. Zorg ervoor dat het component zo stabiel mogelijk opgespannen is. Zorg voor de juiste voedingswaarden bij onregelmatige oppervlakken en dwarsgaten.

**Standtijd**
Controleer wisselplaatslijtage en zet een vooraf bepaald standtijdprogramma op. De meest doelmatige manier om boren te bewaken is het gebruik van een voedingskracht-bewaking.

**Onderhoud**
Reinig de wisselplaatschroef regelmatig. Reinig de wisselplaatzitting vóór het vervangen van de wisselplaat en gebruik een momentsleutel. Overschrijd de max. slijtage niet vóór het herslijpen van volhardmetalen boren.

**Diepe gaten boren met CoroDrill® DS20**
Wanneer de best mogelijke gatkwaliteit nodig is bij het boren van 6-7xD gaten met CoroDrill DS20, dan is het belangrijk een gereduceerde voeding te gebruiken bij de intrede (eerste 1-2 mm) en uittrede (laatste 5 mm).

# CoroDrill® 870

**< 6 x DC**

| ISO | MC Nr. | CMC nr. | Materiaal | Hardheid Brinell (HB) | Snijsnelheid ($V_c$) m/min correleert met boordiameter | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10.00-20.99 mm | | | 21.00-33.00 mm | | |
| | | | | | Min. | Aanb ev. | Max. | Min. | Aanb ev. | Max. |
| P | | | **Ongelegeerd staal** | | | | **Hardmetaalsoort 4334** | | | |
| | P1.1.Z.AN | 01.1 | C=0.10-0.25% | 125 | 80 | 120 | 160 | 80 | 120 | 160 |
| | P1.2.Z.AN | 01.2 | C=0.25-0.55% | 190 | 80 | 120 | 160 | 80 | 120 | 160 |
| | P1.3.Z.AN | 01.3 | C=0.55-0.80% | 190 | 70 | 100 | 130 | 70 | 100 | 130 |
| | P1.5.C.UT | 06.1 | Gegoten - onbehandeld | 150 | 80 | 110 | 140 | 80 | 110 | 140 |
| | | | **Laaggelegeerd staal** | | | | **Hardmetaalsoort 4334 en 3334** | | | |
| | P2.1.Z.AN | 02.1 | Gegloeid | 175 | 80 | 110 | 140 | 80 | 110 | 140 |
| | P2.2.Z.AN | 02.1 | Gegloeid | 240 | 80 | 110 | 140 | 80 | 110 | 140 |
| | P2.4.Z.AN | 02.1 | Gegloeid | 225 | 80 | 110 | 140 | 80 | 110 | 140 |
| | P2.5.Z.HT | 02.2 | Gehard en ontlaten | 330 | 70 | 100 | 130 | 50 | 75 | 100 |
| | P2.6.C.UT | 06.2 | Gegoten - onbehandeld | 200 | 70 | 100 | 130 | 70 | 100 | 130 |
| | | | **Hooggelegeerd staal** | | | | | | | |
| | P3.0.Z.AN | 03.11 | Gegloeid | 200 | 60 | 80 | 100 | 60 | 80 | 100 |
| | P3.0.Z.HT | 03.21 | Gehard en ontlaten | 380 | 40 | 60 | 80 | 40 | 60 | 80 |
| M | | | **Ferritisch/martensitisch roestvaststaal** | | | | **Hardmetaalsoort 4334 en 2334** | | | |
| | P5.0.Z.AN | 05.11 | Gegloeid | 200 | 30 | 40 | 50 | 30 | 40 | 50 |
| | P5.0.Z.HT | 05.13 | Gehard en ontlaten | 330 | 70 | 90 | 110 | 60 | 75 | 90 |
| | | | **Austenitisch roestvaststaal** | | | | **Hardmetaalsoort 2334 en 4334** | | | |
| | M1.0.Z.AQ | 05.21 | Gegloeid/gelest | 200 | 40 | 50 | 60 | 40 | 50 | 60 |
| | M1.0.C.UT | 15.21 | Gegoten+onbehandeld | 200 | 50 | 60 | 70 | 50 | 60 | 70 |
| | M1.1.Z.AQ | 05.21 | Bewerkbaarheid verbeterd | 200 | 60 | 75 | 90 | 60 | 75 | 90 |
| | | | **Super-austenitisch (Ni≥20%) roestvaststaal** | | | | | | | |
| | M2.0.Z.AQ | 05.23 | Gegloeid/gelest | 200 | 20 | 40 | 60 | 20 | 40 | 60 |
| | M2.0.C.AQ | 15.23 | Gegoten+gegloeid/gelest | 200 | 20 | 40 | 60 | 20 | 40 | 60 |
| | | | **Duplex (austenitisch/ferritisch) roestvaststaal** | | | | | | | |
| | M3.1.Z.AQ | 05.51 | >60% ferriet (N<0.10%) | 230 | 40 | 55 | 70 | 40 | 55 | 70 |
| | M3.2.Z.AQ | 05.52 | <60% ferriet (N≥0.10%) | 260 | 20 | 40 | 60 | 20 | 40 | 60 |
| K | | | **Smeedbaar gietijzer** | | | | **Hardmetaalsoort 3334 en 4334** | | | |
| | K1.1.C.NS | 07.1 | Ferrietisch (kortspanig) | 130 | 100 | 145 | 190 | 100 | 145 | 190 |
| | K1.1.C.NS | 07.2 | Perlietisch (langspanig) | 200 | 90 | 125 | 160 | 90 | 125 | 160 |
| | | | **Grijs gietijzer** | | | | | | | |
| | K2.1.C.UT | 08.1 | Lage treksterkte | 180 | 100 | 150 | 200 | 100 | 150 | 200 |
| | K2.2.C.UT | 08.2 | Hoge treksterkte | 245 | 90 | 130 | 170 | 90 | 130 | 170 |
| | | | **Nodulair gietijzer** | | | | | | | |
| | K3.1.C.UT | 09.1 | Ferrietisch | 155 | 100 | 145 | 190 | 100 | 145 | 190 |
| | K3.3.C.UT | 09.2 | Perlietisch | 265 | 90 | 125 | 160 | 90 | 125 | 160 |
| N | | | **Legeringen op aluminiumbasis** | | | | **Hardmetaalsoort 4334** | | | |
| | N1.2.Z.AG | 30.12 | AlSi legeringen, Si ≤ 1% | 100 | 150 | 200 | 250 | 150 | 200 | 250 |
| | N1.3.C.AG | 30.22 | AlSi gegoten legeringen, Si > 1% en < 13% | 80 | 150 | 200 | 250 | 150 | 200 | 250 |
| S | | | **Hittebestendige superlegeringen** | | | | **Hardmetaalsoort 2334 en 4334** | | | |
| | S2.0.Z.AG | 20.22 | Op Ni basis | 350 | 18 | 20 | 30 | 18 | 20 | 30 |
| | S4.3.Z.AN | 23.21 | Titaniumbasis | 330 | 25 | 40 | 60 | 25 | 40 | 60 |

# CoroDrill® 870

**< 6 x DC**

| Voeding ($f_n$) mm/omw correlerend met de boordiameter | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.00-11.99 mm | | | 12.00-13.99 mm | | | 14.00-15.99 mm | | | 16.00-20.99 mm | | | 21.00-25.99 mm | | | 26.00-33.00 mm | | |
| Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. |
| **Geometrie -PM en -GP** | | | | | | | | | | | | | | | | | |
| 0.12 | 0.18 | 0.28 | 0.14 | 0.20 | 0.35 | 0.16 | 0.25 | 0.41 | 0.20 | 0.32 | 0.45 | 0.20 | 0.34 | 0.45 | 0.20 | 0.34 | 0.45 |
| 0.12 | 0.18 | 0.28 | 0.14 | 0.20 | 0.35 | 0.16 | 0.25 | 0.41 | 0.20 | 0.32 | 0.45 | 0.20 | 0.34 | 0.45 | 0.20 | 0.34 | 0.45 |
| 0.12 | 0.18 | 0.28 | 0.14 | 0.20 | 0.35 | 0.16 | 0.25 | 0.41 | 0.20 | 0.32 | 0.45 | 0.20 | 0.34 | 0.45 | 0.20 | 0.34 | 0.45 |
| 0.12 | 0.18 | 0.28 | 0.14 | 0.20 | 0.35 | 0.16 | 0.25 | 0.41 | 0.20 | 0.32 | 0.45 | 0.20 | 0.34 | 0.45 | 0.20 | 0.34 | 0.45 |
| **Geometrie -PM. -KM en -GP** | | | | | | | | | | | | | | | | | |
| 0.12 | 0.18 | 0.30 | 0.14 | 0.20 | 0.37 | 0.16 | 0.25 | 0.45 | 0.20 | 0.32 | 0.48 | 0.20 | 0.36 | 0.50 | 0.20 | 0.40 | 0.52 |
| 0.12 | 0.18 | 0.30 | 0.14 | 0.20 | 0.37 | 0.16 | 0.25 | 0.45 | 0.20 | 0.32 | 0.48 | 0.20 | 0.36 | 0.50 | 0.20 | 0.40 | 0.52 |
| 0.12 | 0.18 | 0.30 | 0.14 | 0.20 | 0.37 | 0.16 | 0.25 | 0.45 | 0.20 | 0.32 | 0.48 | 0.20 | 0.36 | 0.50 | 0.20 | 0.40 | 0.52 |
| 0.12 | 0.18 | 0.30 | 0.14 | 0.20 | 0.37 | 0.16 | 0.25 | 0.45 | 0.20 | 0.32 | 0.48 | 0.20 | 0.36 | 0.50 | 0.20 | 0.40 | 0.52 |
| 0.12 | 0.18 | 0.30 | 0.14 | 0.20 | 0.37 | 0.16 | 0.25 | 0.45 | 0.20 | 0.32 | 0.48 | 0.20 | 0.36 | 0.50 | 0.20 | 0.40 | 0.52 |
| 0.10 | 0.16 | 0.24 | 0.12 | 0.19 | 0.33 | 0.14 | 0.22 | 0.38 | 0.18 | 0.25 | 0.40 | 0.18 | 0.30 | 0.45 | 0.18 | 0.30 | 0.45 |
| 0.10 | 0.16 | 0.24 | 0.12 | 0.19 | 0.33 | 0.14 | 0.22 | 0.38 | 0.18 | 0.25 | 0.40 | 0.18 | 0.30 | 0.45 | 0.18 | 0.30 | 0.45 |
| **-PM,-MM en -GP geometrie** | | | | | | | | | | | | | | | | | |
| 0.12 | 0.14 | 0.19 | 0.14 | 0.16 | 0.22 | 0.14 | 0.18 | 0.24 | 0.18 | 0.24 | 0.30 | 0.22 | 0.28 | 0.34 | 0.22 | 0.28 | 0.34 |
| 0.10 | 0.12 | 0.16 | 0.10 | 0.12 | 0.16 | 0.12 | 0.14 | 0.18 | 0.14 | 0.18 | 0.22 | 0.16 | 0.22 | 0.26 | 0.16 | 0.22 | 0.26 |
| **Geometrie -MM, PM en -GP** | | | | | | | | | | | | | | | | | |
| 0.10 | 0.12 | 0.14 | 0.10 | 0.12 | 0.14 | 0.12 | 0.14 | 0.16 | 0.12 | 0.16 | 0.2 | 0.14 | 0.18 | 0.22 | 0.14 | 0.18 | 0.22 |
| 0.10 | 0.12 | 0.14 | 0.10 | 0.12 | 0.14 | 0.12 | 0.14 | 0.16 | 0.12 | 0.16 | 0.2 | 0.14 | 0.18 | 0.22 | 0.14 | 0.18 | 0.22 |
| 0.10 | 0.12 | 0.16 | 0.10 | 0.12 | 0.16 | 0.12 | 0.14 | 0.18 | 0.14 | 0.16 | 0.22 | 0.14 | 0.18 | 0.24 | 0.14 | 0.18 | 0.24 |
| 0.10 | 0.12 | 0.14 | 0.10 | 0.12 | 0.16 | 0.10 | 0.12 | 0.16 | 0.10 | 0.14 | 0.16 | 0.12 | 0.14 | 0.18 | 0.12 | 0.14 | 0.18 |
| 0.10 | 0.12 | 0.14 | 0.10 | 0.12 | 0.16 | 0.10 | 0.12 | 0.16 | 0.10 | 0.14 | 0.16 | 0.12 | 0.14 | 0.18 | 0.12 | 0.14 | 0.18 |
| **Geometrie -MM en -GP** | | | | | | | | | | | | | | | | | |
| 0.10 | 0.12 | 0.16 | 0.10 | 0.12 | 0.16 | 0.12 | 0.14 | 0.18 | 0.14 | 0.16 | 0.22 | 0.14 | 0.16 | 0.22 | 0.14 | 0.16 | 0.22 |
| 0.10 | 0.12 | 0.14 | 0.10 | 0.12 | 0.14 | 0.12 | 0.14 | 0.16 | 0.12 | 0.16 | 0.2 | 0.12 | 0.16 | 0.2 | 0.12 | 0.16 | 0.2 |
| **Geometrie -KM, PM en -GP** | | | | | | | | | | | | | | | | | |
| 0.16 | 0.25 | 0.36 | 0.18 | 0.30 | 0.42 | 0.21 | 0.37 | 0.48 | 0.25 | 0.44 | 0.55 | 0.30 | 0.48 | 0.60 | 0.30 | 0.50 | 0.60 |
| 0.16 | 0.25 | 0.36 | 0.18 | 0.30 | 0.42 | 0.21 | 0.37 | 0.48 | 0.25 | 0.44 | 0.55 | 0.30 | 0.48 | 0.60 | 0.30 | 0.50 | 0.60 |
| 0.16 | 0.25 | 0.36 | 0.18 | 0.30 | 0.42 | 0.21 | 0.37 | 0.48 | 0.25 | 0.44 | 0.55 | 0.30 | 0.48 | 0.60 | 0.30 | 0.50 | 0.60 |
| 0.16 | 0.25 | 0.36 | 0.18 | 0.30 | 0.42 | 0.21 | 0.37 | 0.48 | 0.25 | 0.44 | 0.55 | 0.30 | 0.48 | 0.60 | 0.30 | 0.50 | 0.60 |
| 0.16 | 0.25 | 0.36 | 0.18 | 0.30 | 0.42 | 0.21 | 0.37 | 0.48 | 0.25 | 0.44 | 0.55 | 0.30 | 0.48 | 0.60 | 0.30 | 0.50 | 0.60 |
| 0.16 | 0.25 | 0.36 | 0.18 | 0.30 | 0.42 | 0.21 | 0.37 | 0.48 | 0.25 | 0.44 | 0.55 | 0.30 | 0.48 | 0.60 | 0.30 | 0.50 | 0.60 |
| **Geometrie -PM en -GP** | | | | | | | | | | | | | | | | | |
| 0.20 | 0.25 | 0.30 | 0.22 | 0.32 | 0.40 | 0.26 | 0.34 | 0.42 | 0.30 | 0.36 | 0.44 | 0.32 | 0.38 | 0.50 | 0.32 | 0.38 | 0.50 |
| 0.20 | 0.25 | 0.30 | 0.22 | 0.32 | 0.40 | 0.26 | 0.34 | 0.42 | 0.30 | 0.36 | 0.44 | 0.32 | 0.38 | 0.50 | 0.32 | 0.38 | 0.50 |
| **Geometrie -MM, -PM en -GP** | | | | | | | | | | | | | | | | | |
| 0.08 | 0.10 | 0.14 | 0.08 | 0.11 | 0.14 | 0.10 | 0.12 | 0.14 | 0.11 | 0.13 | 0.16 | 0.12 | 0.15 | 0.20 | 0.12 | 0.15 | 0.20 |
| 0.09 | 0.12 | 0.15 | 0.10 | 0.14 | 0.16 | 0.12 | 0.16 | 0.20 | 0.14 | 0.18 | 0.22 | 0.16 | 0.20 | 0.25 | 0.18 | 0.22 | 0.27 |

# CoroDrill® 870

**≥ 6 x DC**

| ISO | MC Nr. | CMC nr. | Materiaal | Hardheid Brinell (HB) | Snijsnelheid ($V_c$) m/min correleert met boordiameter | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 10.00-20.99mm | | | 21.00-33.00mm | | |
| | | | | | Min. | Aanb ev. | Max. | Min. | Aanb ev. | Max. |
| P | | | **Ongelegeerd staal** | | **Hardmetaalsoort 4334** | | | | | |
| | P1.1.Z.AN | 01.1 | C=0.10-0.25% | 125 | 80 | 120 | 160 | 80 | 120 | 160 |
| | P1.2.Z.AN | 01.2 | C=0.25-0.55% | 190 | 80 | 120 | 160 | 80 | 120 | 160 |
| | P1.3.Z.AN | 01.3 | C=0.55-0.80% | 190 | 70 | 100 | 130 | 70 | 100 | 130 |
| | P1.5.C.UT | 06.1 | Gegoten - onbehandeld | 150 | 80 | 110 | 140 | 80 | 110 | 140 |
| | | | **Laaggelegeerd staal** | | **Hardmetaalsoort 4334 en 3334** | | | | | |
| | P2.1.Z.AN | 02.1 | Gegloeid | 175 | 80 | 110 | 140 | 80 | 110 | 140 |
| | P2.2.Z.AN | 02.1 | Gegloeid | 240 | 80 | 110 | 140 | 80 | 110 | 140 |
| | P2.4.Z.AN | 02.1 | Gegloeid | 225 | 80 | 110 | 140 | 80 | 110 | 140 |
| | P2.5.Z.HT | 02.2 | Gehard en ontlaten | 330 | 70 | 100 | 130 | 50 | 75 | 100 |
| | P2.6.C.UT | 06.2 | Gegoten - onbehandeld | 200 | 70 | 100 | 130 | 70 | 100 | 130 |
| | | | **Hooggelegeerd staal** | | | | | | | |
| | P3.0.Z.AN | 03.11 | Gegloeid | 200 | 60 | 80 | 100 | 60 | 80 | 100 |
| | P3.0.Z.HT | 03.21 | Gehard en ontlaten | 380 | 40 | 60 | 80 | 40 | 60 | 80 |
| M | | | **Ferritisch/martensitisch roestvaststaal** | | **Hardmetaalsoort 4334 en 2334** | | | | | |
| | P5.0.Z.AN | 05.11 | Gegloeid | 200 | 30 | 40 | 50 | 30 | 40 | 50 |
| | P5.0.Z.HT | 05.13 | Gehard en ontlaten | 330 | 70 | 90 | 110 | 60 | 75 | 90 |
| | | | **Austenitisch roestvaststaal** | | **Hardmetaalsoort 2334 en 4334** | | | | | |
| | M1.0.Z.AQ | 05.21 | Gegloeid/gelest | 200 | 40 | 50 | 60 | 40 | 50 | 60 |
| | M1.0.C.UT | 15.21 | Gegoten+onbehandeld | 200 | 50 | 60 | 70 | 50 | 60 | 70 |
| | M1.1.Z.AQ | 05.21 | Bewerkbaarheid verbeterd | 200 | 60 | 75 | 90 | 60 | 75 | 90 |
| | | | **Super-austenitisch (Ni≥20%) roestvaststaal** | | | | | | | |
| | M2.0.Z.AQ | 05.23 | Gegloeid/gelest | 200 | 20 | 40 | 60 | 20 | 40 | 60 |
| | M2.0.C.AQ | 15.23 | Gegoten+gegloeid/gelest | 200 | 20 | 40 | 60 | 20 | 40 | 60 |
| | | | **Duplex (austenitisch/ferritisch) roestvaststaal** | | **Hardmetaalsoort 2334** | | | | | |
| | M3.1.Z.AQ | 05.51 | >60% ferriet (N<0.10%) | 230 | 40 | 55 | 70 | 40 | 55 | 70 |
| | M3.2.Z.AQ | 05.52 | <60% ferriet (N≥0.10%) | 260 | 20 | 40 | 60 | 20 | 40 | 60 |
| K | | | **Smeedbaar gietijzer** | | **Hardmetaalsoort 3334 en 4334** | | | | | |
| | K1.1.C.NS | 07.1 | Ferrietisch (kortspanig) | 130 | 100 | 130 | 170 | 100 | 130 | 170 |
| | K1.1.C.NS | 07.2 | Perlietisch (langspanig) | 200 | 90 | 115 | 145 | 90 | 115 | 145 |
| | | | **Grijs gietijzer** | | | | | | | |
| | K2.1.C.UT | 08.1 | Lage treksterkte | 180 | 100 | 135 | 180 | 100 | 135 | 180 |
| | K2.2.C.UT | 08.2 | Hoge treksterkte | 245 | 90 | 120 | 155 | 90 | 120 | 155 |
| | | | **Nodulair gietijzer** | | | | | | | |
| | K3.1.C.UT | 09.1 | Ferrietisch | 155 | 100 | 130 | 170 | 100 | 130 | 170 |
| | K3.3.C.UT | 09.2 | Perlietisch | 265 | 90 | 115 | 145 | 90 | 115 | 145 |
| N | | | **Legeringen op aluminiumbasis** | | **Hardmetaalsoort 4334** | | | | | |
| | N1.2.Z.AG | 30.12 | AlSi legeringen, Si ≤ 1% | 100 | 150 | 200 | 250 | 150 | 200 | 250 |
| | N1.3.C.AG | 30.22 | AlSi gegoten legeringen, Si > 1% en < 13% | 80 | 150 | 200 | 250 | 150 | 200 | 250 |
| S | | | **Hittebestendige superlegeringen** | | **Hardmetaalsoort 2334 en 4334** | | | | | |
| | S2.0.Z.AG | 20.22 | Op Ni basis | 350 | 18 | 20 | 30 | 18 | 20 | 30 |
| | S4.3.Z.AN | 23.21 | Titaniumbasis | 330 | 25 | 40 | 60 | 25 | 40 | 60 |

# CoroDrill® 870

**≥ 6 x DC**

| Voeding ($f_n$) mm/omw correlerend met de boordiameter | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10.00-11.99 mm | | | 12.00-13.99 mm | | | 14.00-15.99 mm | | | 16.00-20.99 mm | | | 21.00-25.99 mm | | | 26.00-33.00 mm | | |
| Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. | Min. | Aanbev. | Max. |
| **Geometrie -PM** | | | | | | | | | | | | | | | | | |
| 0.12 | 0.14 | 0.22 | 0.14 | 0.16 | 0.28 | 0.16 | 0.20 | 0.33 | 0.20 | 0.26 | 0.36 | 0.20 | 0.27 | 0.36 | 0.20 | 0.27 | 0.36 |
| 0.12 | 0.14 | 0.22 | 0.14 | 0.16 | 0.28 | 0.16 | 0.20 | 0.33 | 0.20 | 0.26 | 0.36 | 0.20 | 0.27 | 0.36 | 0.20 | 0.27 | 0.36 |
| 0.12 | 0.14 | 0.22 | 0.14 | 0.16 | 0.28 | 0.16 | 0.20 | 0.33 | 0.20 | 0.26 | 0.36 | 0.20 | 0.27 | 0.36 | 0.20 | 0.27 | 0.36 |
| 0.12 | 0.14 | 0.22 | 0.14 | 0.16 | 0.28 | 0.16 | 0.20 | 0.33 | 0.20 | 0.26 | 0.36 | 0.20 | 0.27 | 0.36 | 0.20 | 0.27 | 0.36 |
| **Geometrie -PM en -KM** | | | | | | | | | | | | | | | | | |
| 0.12 | 0.14 | 0.24 | 0.14 | 0.16 | 0.30 | 0.16 | 0.20 | 0.36 | 0.20 | 0.26 | 0.38 | 0.20 | 0.29 | 0.40 | 0.20 | 0.32 | 0.42 |
| 0.12 | 0.14 | 0.24 | 0.14 | 0.16 | 0.30 | 0.16 | 0.20 | 0.36 | 0.20 | 0.26 | 0.38 | 0.20 | 0.29 | 0.40 | 0.20 | 0.32 | 0.42 |
| 0.12 | 0.14 | 0.24 | 0.14 | 0.16 | 0.30 | 0.16 | 0.20 | 0.36 | 0.20 | 0.26 | 0.38 | 0.20 | 0.29 | 0.40 | 0.20 | 0.32 | 0.42 |
| 0.12 | 0.13 | 0.21 | 0.14 | 0.15 | 0.26 | 0.16 | 0.18 | 0.32 | 0.20 | 0.22 | 0.34 | 0.20 | 0.25 | 0.35 | 0.20 | 0.28 | 0.36 |
| 0.12 | 0.14 | 0.24 | 0.14 | 0.16 | 0.30 | 0.16 | 0.20 | 0.36 | 0.20 | 0.26 | 0.38 | 0.20 | 0.29 | 0.40 | 0.20 | 0.32 | 0.42 |
| 0.10 | 0.13 | 0.19 | 0.12 | 0.15 | 0.26 | 0.14 | 0.18 | 0.30 | 0.18 | 0.20 | 0.32 | 0.18 | 0.24 | 0.36 | 0.18 | 0.24 | 0.36 |
| 0.10 | 0.11 | 0.17 | 0.12 | 0.13 | 0.23 | 0.14 | 0.15 | 0.27 | 0.18 | 0.19 | 0.28 | 0.18 | 0.21 | 0.32 | 0.18 | 0.21 | 0.32 |
| **Geometrie -PM en -MM** | | | | | | | | | | | | | | | | | |
| 0.12 | 0.13 | 0.15 | 0.14 | 0.15 | 0.18 | 0.14 | 0.15 | 0.19 | 0.18 | 0.19 | 0.24 | 0.22 | 0.23 | 0.27 | 0.22 | 0.23 | 0.27 |
| 0.10 | 0.11 | 0.12 | 0.10 | 0.11 | 0.12 | 0.12 | 0.13 | 0.14 | 0.14 | 0.15 | 0.16 | 0.16 | 0.17 | 0.18 | 0.16 | 0.17 | 0.18 |
| **Geometrie -MM en -PM** | | | | | | | | | | | | | | | | | |
| 0.10 | 0.11 | 0.12 | 0.10 | 0.11 | 0.12 | 0.12 | 0.13 | 0.14 | 0.12 | 0.13 | 0.16 | 0.14 | 0.15 | 0.18 | 0.14 | 0.15 | 0.18 |
| 0.10 | 0.11 | 0.12 | 0.10 | 0.11 | 0.12 | 0.12 | 0.13 | 0.14 | 0.12 | 0.13 | 0.16 | 0.14 | 0.15 | 0.18 | 0.14 | 0.15 | 0.18 |
| 0.10 | 0.11 | 0.13 | 0.10 | 0.11 | 0.13 | 0.12 | 0.13 | 0.14 | 0.14 | 0.15 | 0.18 | 0.14 | 0.15 | 0.19 | 0.14 | 0.15 | 0.19 |
| 0.10 | 0.11 | 0.12 | 0.10 | 0.11 | 0.13 | 0.10 | 0.11 | 0.13 | 0.10 | 0.11 | 0.13 | 0.12 | 0.13 | 0.14 | 0.12 | 0.13 | 0.14 |
| 0.10 | 0.11 | 0.12 | 0.10 | 0.11 | 0.13 | 0.10 | 0.11 | 0.13 | 0.10 | 0.11 | 0.13 | 0.12 | 0.13 | 0.14 | 0.12 | 0.13 | 0.14 |
| **Geometrie-MM** | | | | | | | | | | | | | | | | | |
| 0.10 | 0.11 | 0.13 | 0.10 | 0.11 | 0.13 | 0.12 | 0.13 | 0.14 | 0.14 | 0.15 | 0.18 | 0.14 | 0.15 | 0.18 | 0.14 | 0.15 | 0.18 |
| 0.10 | 0.11 | 0.12 | 0.10 | 0.11 | 0.13 | 0.12 | 0.13 | 0.14 | 0.12 | 0.13 | 0.16 | 0.12 | 0.13 | 0.16 | 0.12 | 0.13 | 0.16 |
| **Geometrie -PM en -MM** | | | | | | | | | | | | | | | | | |
| 0.16 | 0.20 | 0.29 | 0.18 | 0.24 | 0.34 | 0.21 | 0.30 | 0.38 | 0.25 | 0.35 | 0.44 | 0.30 | 0.38 | 0.48 | 0.30 | 0.40 | 0.48 |
| 0.16 | 0.20 | 0.29 | 0.18 | 0.24 | 0.34 | 0.21 | 0.30 | 0.38 | 0.25 | 0.35 | 0.44 | 0.30 | 0.38 | 0.48 | 0.30 | 0.40 | 0.48 |
| 0.16 | 0.20 | 0.29 | 0.18 | 0.24 | 0.34 | 0.21 | 0.30 | 0.38 | 0.25 | 0.35 | 0.44 | 0.30 | 0.38 | 0.48 | 0.30 | 0.40 | 0.48 |
| 0.16 | 0.20 | 0.29 | 0.18 | 0.24 | 0.34 | 0.21 | 0.30 | 0.38 | 0.25 | 0.35 | 0.44 | 0.30 | 0.38 | 0.48 | 0.30 | 0.40 | 0.48 |
| 0.16 | 0.20 | 0.29 | 0.18 | 0.24 | 0.34 | 0.21 | 0.30 | 0.38 | 0.25 | 0.35 | 0.44 | 0.30 | 0.38 | 0.48 | 0.30 | 0.40 | 0.48 |
| 0.16 | 0.20 | 0.29 | 0.18 | 0.24 | 0.34 | 0.21 | 0.30 | 0.38 | 0.25 | 0.35 | 0.44 | 0.30 | 0.38 | 0.48 | 0.30 | 0.40 | 0.48 |
| **Geometrie -PM** | | | | | | | | | | | | | | | | | |
| 0.20 | 0.22 | 0.28 | 0.22 | 0.24 | 0.35 | 0.26 | 0.28 | 0.38 | 0.30 | 0.32 | 0.40 | 0.32 | 0.34 | 0.45 | 0.32 | 0.34 | 0.45 |
| 0.20 | 0.22 | 0.28 | 0.22 | 0.24 | 0.35 | 0.26 | 0.28 | 0.38 | 0.30 | 0.32 | 0.40 | 0.32 | 0.34 | 0.45 | 0.32 | 0.34 | 0.45 |
| **Geometrie -MM en -PM** | | | | | | | | | | | | | | | | | |
| 0.08 | 0.10 | 0.14 | 0.08 | 0.11 | 0.14 | 0.10 | 0.12 | 0.14 | 0.11 | 0.13 | 0.16 | 0.12 | 0.15 | 0.20 | 0.12 | 0.15 | 0.20 |
| 0.09 | 0.11 | 0.14 | 0.10 | 0.12 | 0.15 | 0.12 | 0.14 | 0.18 | 0.14 | 0.16 | 0.20 | 0.16 | 0.18 | 0.22 | 0.18 | 0.20 | 0.25 |

# CoroDrill® DS20

**4 – 5 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 4-5xD Min. | Aanbev. | Max. | Boordiameter | Boordiepte 4xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 5xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| P | | | | | | | | | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw |
| | P1.0.Z.AN | Ongelegeerd staal C=0.05-0.10% | 110 | 4324 | 230 | 340 | 400 | 15.00-18.00 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | 0.04-0.1 | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | 0.04-0.09 |
| | | | | 4334 | 210 | 285 | 325 | 18.01-22.00 | 0.04-0.09 | **0.04-0.09** | 0.04-0.09 | - | 0.04-0.11 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | 0.04-0.1 |
| | | | | 4344 | 190 | 225 | 245 | 22.01-27.00 | 0.04-0.1 | **0.04-0.1** | 0.04-0.1 | - | 0.04-0.12 | 0.04-0.09 | **0.04-0.09** | 0.04-0.09 | - | 0.04-0.11 |
| | | | | | | | | 27.01-33.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.13 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.12 |
| | | | | | | | | 33.01-40.00 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.16 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.14 |
| | | | | | | | | 40.01-52.00 | 0.06-0.12 | **0.06-0.12** | 0.06-0.12 | - | 0.06-0.16 | 0.06-0.11 | **0.06-0.11** | 0.06-0.11 | - | 0.06-0.14 |
| | | | | | | | | 52.01-65.00 | 0.06-0.12 | **0.06-0.12** | 0.06-0.12 | - | 0.06-0.16 | 0.06-0.11 | **0.06-0.11** | 0.06-0.11 | - | 0.06-0.14 |
| | P1.1.Z.AN | Ongelegeerd staal C=0.05-0.25% | 125 | 4324 | 230 | 320 | 370 | 15.00-18.00 | 0.04-0.1 | **0.04-0.1** | 0.04-0.1 | - | 0.04-0.1 | 0.04-0.09 | **0.04-0.09** | 0.04-0.09 | - | 0.04-0.09 |
| | | | | 4334 | 200 | 270 | 305 | 18.01-22.00 | 0.04-0.11 | **0.04-0.11** | 0.04-0.11 | - | 0.04-0.11 | 0.04-0.1 | **0.04-0.1** | 0.04-0.1 | - | 0.04-0.1 |
| | | | | 4344 | 170 | 210 | 235 | 22.01-27.00 | 0.04-0.12 | **0.04-0.12** | 0.04-0.12 | - | 0.04-0.12 | 0.04-0.11 | **0.04-0.11** | 0.04-0.11 | - | 0.04-0.11 |
| | | | | | | | | 27.01-33.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.13 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.12 |
| | | | | | | | | 33.01-40.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.16 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.14 |
| | | | | | | | | 40.01-52.00 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 | - | 0.06-0.16 | 0.06-0.13 | **0.06-0.13** | 0.06-0.13 | - | 0.06-0.14 |
| | | | | | | | | 52.01-65.00 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 | - | 0.06-0.16 | 0.06-0.13 | **0.06-0.13** | 0.06-0.13 | - | 0.06-0.14 |
| | P1.2.Z.AN | Ongelegeerd staal C=0.25-0.55% | 190 | 4324 | 190 | 265 | 305 | 15.00-18.00 | - | 0.05-0.12 | 0.06-0.14 | **0.06-0.16** | - | - | 0.05-0.1 | 0.06-0.12 | **0.06-0.14** | - |
| | | | | 4334 | 155 | 215 | 250 | 18.01-22.00 | - | 0.05-0.14 | 0.06-0.16 | **0.06-0.18** | - | - | 0.05-0.12 | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4344 | 120 | 165 | 190 | 22.01-27.00 | - | 0.05-0.18 | 0.06-0.2 | **0.06-0.22** | - | - | 0.05-0.15 | 0.06-0.17 | **0.06-0.19** | - |
| | | | | | | | | 27.01-33.00 | - | 0.07-0.22 | 0.08-0.24 | **0.08-0.26** | - | - | 0.07-0.19 | 0.08-0.2 | **0.08-0.22** | - |
| | | | | | | | | 33.01-40.00 | - | 0.07-0.24 | 0.08-0.26 | **0.08-0.28** | - | - | 0.07-0.2 | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 40.01-52.00 | - | 0.09-0.24 | 0.1-0.26 | **0.1-0.28** | - | - | 0.09-0.2 | 0.1-0.22 | **0.1-0.24** | - |
| | | | | | | | | 52.01-65.00 | - | 0.09-0.24 | 0.1-0.26 | **0.1-0.28** | - | - | 0.09-0.2 | 0.1-0.22 | **0.1-0.24** | - |
| | P1.3.Z.AN | Ongelegeerd staal C=0.55-0.80% | 190 | 4324 | 170 | 250 | 290 | 15.00-18.00 | - | 0.05-0.12 | 0.06-0.14 | **0.06-0.16** | - | - | 0.05-0.1 | 0.06-0.12 | **0.06-0.14** | - |
| | | | | 4334 | 140 | 205 | 240 | 18.01-22.00 | - | 0.05-0.14 | 0.06-0.16 | **0.06-0.18** | - | - | 0.05-0.12 | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4344 | 105 | 155 | 185 | 22.01-27.00 | - | 0.05-0.18 | 0.06-0.2 | **0.06-0.22** | - | - | 0.05-0.15 | 0.06-0.17 | **0.06-0.19** | - |
| | | | | | | | | 27.01-33.00 | - | 0.07-0.22 | 0.08-0.24 | **0.08-0.26** | - | - | 0.07-0.19 | 0.08-0.2 | **0.08-0.22** | - |
| | | | | | | | | 33.01-40.00 | - | 0.07-0.24 | 0.08-0.26 | **0.08-0.28** | - | - | 0.07-0.2 | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 40.01-52.00 | - | 0.09-0.24 | 0.1-0.26 | **0.1-0.28** | - | - | 0.09-0.2 | 0.1-0.22 | **0.1-0.24** | - |
| | | | | | | | | 52.01-65.00 | - | 0.09-0.24 | 0.1-0.26 | **0.1-0.28** | - | - | 0.09-0.2 | 0.1-0.22 | **0.1-0.24** | - |
| | P1.5.C.UT | Ongelegeerd staal Gegoten - onbehandeld | 150 | 4324 | 140 | 260 | 325 | 15.00-18.00 | - | 0.04-0.12 | 0.04-0.12 | **0.04-0.12** | - | - | 0.04-0.1 | 0.04-0.1 | **0.04-0.1** | - |
| | | | | 4334 | 135 | 220 | 265 | 18.01-22.00 | - | 0.04-0.13 | 0.04-0.13 | **0.04-0.13** | - | - | 0.04-0.11 | 0.04-0.11 | **0.04-0.11** | - |
| | | | | 4344 | 125 | 175 | 200 | 22.01-27.00 | - | 0.04-0.14 | 0.04-0.14 | **0.04-0.14** | - | - | 0.04-0.12 | 0.04-0.12 | **0.04-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | 0.05-0.15 | 0.05-0.15 | **0.05-0.15** | - | - | 0.05-0.13 | 0.05-0.13 | **0.05-0.13** | - |
| | | | | | | | | 33.01-40.00 | - | 0.05-0.16 | 0.05-0.16 | **0.05-0.16** | - | - | 0.05-0.14 | 0.05-0.14 | **0.05-0.14** | - |
| | | | | | | | | 40.01-52.00 | - | 0.06-0.16 | 0.06-0.16 | **0.06-0.16** | - | - | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | - |
| | | | | | | | | 52.01-65.00 | - | 0.06-0.16 | 0.06-0.16 | **0.06-0.16** | - | - | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | - |
| | P2.1.Z.AN | Laaggelegeerd staal Gegloeid | 175 | 4324 | 180 | 260 | 305 | 15.00-18.00 | - | - | 0.06-0.14 | **0.06-0.16** | - | - | - | 0.06-0.12 | **0.06-0.14** | - |
| | | | | 4334 | 150 | 215 | 250 | 18.01-22.00 | - | - | 0.06-0.16 | **0.06-0.18** | - | - | - | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4344 | 115 | 165 | 190 | 22.01-27.00 | - | - | 0.06-0.2 | **0.06-0.22** | - | - | - | 0.06-0.17 | **0.06-0.19** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.24 | **0.08-0.26** | - | - | - | 0.08-0.2 | **0.08-0.22** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.26 | **0.08-0.28** | - | - | - | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | P2.2.Z.AN | Laaggelegeerd staal Gegloeid | 240 | 4324 | 180 | 250 | 290 | 15.00-18.00 | - | - | 0.06-0.14 | **0.06-0.16** | - | - | - | 0.06-0.12 | **0.06-0.14** | - |
| | | | | 4334 | 150 | 200 | 225 | 18.01-22.00 | - | - | 0.06-0.16 | **0.06-0.18** | - | - | - | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4344 | 115 | 175 | 205 | 22.01-27.00 | - | - | 0.06-0.2 | **0.06-0.22** | - | - | - | 0.06-0.17 | **0.06-0.19** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.24 | **0.08-0.26** | - | - | - | 0.08-0.2 | **0.08-0.22** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.26 | **0.08-0.28** | - | - | - | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | P2.5.Z.HT | Laaggelegeerd staal Gehard en ontlaten | 330 | 4324 | 90 | 190 | 245 | 15.00-18.00 | - | - | 0.06-0.14 | **0.06-0.16** | - | - | - | 0.06-0.12 | **0.06-0.14** | - |
| | | | | 4334 | 85 | 155 | 195 | 18.01-22.00 | - | - | 0.06-0.16 | **0.06-0.18** | - | - | - | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4344 | 75 | 125 | 150 | 22.01-27.00 | - | - | 0.06-0.2 | **0.06-0.22** | - | - | - | 0.06-0.17 | **0.06-0.19** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.24 | **0.08-0.26** | - | - | - | 0.08-0.2 | **0.08-0.22** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.26 | **0.08-0.28** | - | - | - | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | P2.6.C.UT | Laaggelegeerd staal Gegoten - onbehandeld | 200 | 4324 | 110 | 210 | 265 | 15.00-18.00 | - | - | 0.06-0.16 | **0.06-0.18** | - | - | - | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4334 | 105 | 175 | 210 | 18.01-22.00 | - | - | 0.06-0.18 | **0.06-0.2** | - | - | - | 0.06-0.15 | **0.06-0.17** | - |
| | | | | 4344 | 100 | 140 | 160 | 22.01-27.00 | - | - | 0.06-0.22 | **0.06-0.24** | - | - | - | 0.06-0.19 | **0.06-0.2** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.26 | **0.08-0.28** | - | - | - | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.28 | **0.08-0.3** | - | - | - | 0.08-0.24 | **0.08-0.26** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.28 | **0.1-0.3** | - | - | - | 0.1-0.24 | **0.1-0.26** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.28 | **0.1-0.3** | - | - | - | 0.1-0.24 | **0.1-0.26** | - |
| | P3.0.Z.AN | Hooggelegeerd staal Gegloeid | 200 | 4324 | 160 | 245 | 290 | 15.00-18.00 | - | - | 0.06-0.14 | **0.06-0.16** | - | - | - | 0.06-0.12 | **0.06-0.14** | - |
| | | | | 4334 | 130 | 200 | 240 | 18.01-22.00 | - | - | 0.06-0.16 | **0.06-0.18** | - | - | - | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4344 | 100 | 150 | 180 | 22.01-27.00 | - | - | 0.06-0.2 | **0.06-0.22** | - | - | - | 0.06-0.17 | **0.06-0.19** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.24 | **0.08-0.26** | - | - | - | 0.08-0.2 | **0.08-0.22** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.26 | **0.08-0.28** | - | - | - | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |



SANDVIK Coromant

# CoroDrill® DS20

**4 – 5 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 4-5xD | | | Boordiameter | Boordiepte 4xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 5xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| P | P3.0.Z.HT | Hooggelegeerd staal | 380 | 4324 | 80 | 165 | 210 | 15.00-18.00 | - | - | 0.06-0.14 | **0.06-0.16** | - | - | - | 0.06-0.12 | **0.06-0.14** | - |
| | | Gehard en ontlaten | | 4334 | 75 | 140 | 175 | 18.01-22.00 | - | - | 0.06-0.16 | **0.06-0.18** | - | - | - | 0.06-0.14 | **0.06-0.15** | - |
| | | | | 4344 | 70 | 110 | 130 | 22.01-27.00 | - | - | 0.06-0.2 | **0.06-0.22** | - | - | - | 0.06-0.17 | **0.06-0.19** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.24 | **0.08-0.26** | - | - | - | 0.08-0.2 | **0.08-0.22** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.26 | **0.08-0.28** | - | - | - | 0.08-0.22 | **0.08-0.24** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.26 | **0.1-0.28** | - | - | - | 0.1-0.22 | **0.1-0.24** | - |
| | P5.0.Z.AN | Ferritisch/martensitisch roestvaststaal | 200 | 4334 | 115 | 185 | 225 | 15.00-18.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 |
| | | | | 4344 | 115 | 155 | 175 | 18.01-22.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.13 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 |
| | | Gegloeid | | 2044 | 115 | 150 | 165 | 22.01-27.00 | 0.05-0.15 | **0.05-0.15** | 0.05-0.15 | - | 0.05-0.14 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 |
| | | | | | | | | 27.01-33.00 | 0.07-0.16 | **0.07-0.16** | 0.07-0.16 | - | 0.07-0.15 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.13 |
| | | | | | | | | 33.01-40.00 | 0.07-0.18 | **0.07-0.18** | 0.07-0.18 | - | 0.07-0.16 | 0.07-0.15 | **0.07-0.15** | 0.07-0.15 | - | 0.07-0.14 |
| | | | | | | | | 40.01-52.00 | 0.09-0.18 | **0.09-0.18** | 0.09-0.18 | - | 0.09-0.16 | 0.09-0.15 | **0.09-0.15** | 0.09-0.15 | - | 0.09-0.14 |
| | | | | | | | | 52.01-65.00 | 0.09-0.18 | **0.09-0.18** | 0.09-0.18 | - | 0.09-0.16 | 0.09-0.15 | **0.09-0.15** | 0.09-0.15 | - | 0.09-0.14 |
| | P5.0.Z.HT | Ferritisch/martensitisch roestvaststaal | 330 | 4334 | 75 | 135 | 170 | 15.00-18.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 |
| | | | | 4344 | 70 | 115 | 140 | 18.01-22.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.13 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 |
| | | Gehard en ontlaten | | 2044 | 70 | 115 | 140 | 22.01-27.00 | 0.05-0.15 | **0.05-0.15** | 0.05-0.15 | - | 0.05-0.14 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 |
| | | | | | | | | 27.01-33.00 | 0.07-0.16 | **0.07-0.16** | 0.07-0.16 | - | 0.07-0.15 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.13 |
| | | | | | | | | 33.01-40.00 | 0.07-0.18 | **0.07-0.18** | 0.07-0.18 | - | 0.07-0.16 | 0.07-0.15 | **0.07-0.15** | 0.07-0.15 | - | 0.07-0.14 |
| | | | | | | | | 40.01-52.00 | 0.09-0.18 | **0.09-0.18** | 0.09-0.18 | - | 0.09-0.16 | 0.09-0.15 | **0.09-0.15** | 0.09-0.15 | - | 0.09-0.14 |
| | | | | | | | | 52.01-65.00 | 0.09-0.18 | **0.09-0.18** | 0.09-0.18 | - | 0.09-0.16 | 0.09-0.15 | **0.09-0.15** | 0.09-0.15 | - | 0.09-0.14 |
| M | M1.0.Z.AQ | Austenitic Stainless steel | 200 | 4334 | 115 | 185 | 225 | 15.00-18.00 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 |
| | | | | 4344 | 115 | 165 | 190 | 18.01-22.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 |
| | | Annealed/quenched | | 2044 | 115 | 155 | 180 | 22.01-27.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.13 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 |
| | | | | | | | | 27.01-33.00 | 0.07-0.15 | **0.07-0.15** | 0.07-0.15 | - | 0.07-0.14 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.13 |
| | | | | | | | | 33.01-40.00 | 0.07-0.16 | **0.07-0.16** | 0.07-0.16 | - | 0.07-0.15 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.14 |
| | | | | | | | | 40.01-52.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | | | | | | | | 52.01-65.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | M1.1.Z.AQ | Austenitic Stainless steel | 200 | 4334 | 115 | 195 | 240 | 15.00-18.00 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 |
| | | | | 4344 | 115 | 175 | 210 | 18.01-22.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 |
| | | Machinability improved | | 2044 | 115 | 170 | 200 | 22.01-27.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.13 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 |
| | | | | | | | | 27.01-33.00 | 0.07-0.15 | **0.07-0.15** | 0.07-0.15 | - | 0.07-0.14 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.13 |
| | | | | | | | | 33.01-40.00 | 0.07-0.16 | **0.07-0.16** | 0.07-0.16 | - | 0.07-0.15 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.14 |
| | | | | | | | | 40.01-52.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | | | | | | | | 52.01-65.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | M2.0.Z.AQ | Super Austenitic (Ni>20%) Stainless steel | 200 | 4334 | 80 | 125 | 150 | 15.00-18.00 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 |
| | | | | 4344 | 80 | 110 | 125 | 18.01-22.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 |
| | | | | 2044 | 80 | 110 | 125 | 22.01-27.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.13 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 |
| | | Annealed/quenched | | | | | | 27.01-33.00 | 0.07-0.15 | **0.07-0.15** | 0.07-0.15 | - | 0.07-0.14 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.13 |
| | | | | | | | | 33.01-40.00 | 0.07-0.16 | **0.07-0.16** | 0.07-0.16 | - | 0.07-0.15 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.14 |
| | | | | | | | | 40.01-52.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | | | | | | | | 52.01-65.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | M3.1.Z.AQ | Duplex stainless steel | 230 | 4334 | 85 | 125 | 145 | 15.00-18.00 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 |
| | | | | 4344 | 85 | 115 | 130 | 18.01-22.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 |
| | | >60% ferrite (N<0.10%) | | 2044 | 85 | 110 | 125 | 22.01-27.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.13 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 |
| | | | | | | | | 27.01-33.00 | 0.07-0.15 | **0.07-0.15** | 0.07-0.15 | - | 0.07-0.14 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.13 |
| | | | | | | | | 33.01-40.00 | 0.07-0.16 | **0.07-0.16** | 0.07-0.16 | - | 0.07-0.15 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.14 |
| | | | | | | | | 40.01-52.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | | | | | | | | 52.01-65.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | M3.2.Z.AQ | Duplex stainless steel | 260 | 4334 | 75 | 105 | 120 | 15.00-18.00 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 |
| | | | | 4344 | 75 | 100 | 115 | 18.01-22.00 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | 0.05-0.11 |
| | | <60% ferrite (N>0.10%) | | 2044 | 75 | 100 | 115 | 22.01-27.00 | 0.05-0.14 | **0.05-0.14** | 0.05-0.14 | - | 0.05-0.13 | 0.05-0.13 | **0.05-0.13** | 0.05-0.13 | - | 0.05-0.12 |
| | | | | | | | | 27.01-33.00 | 0.07-0.15 | **0.07-0.15** | 0.07-0.15 | - | 0.07-0.14 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.13 |
| | | | | | | | | 33.01-40.00 | 0.07-0.16 | **0.07-0.16** | 0.07-0.16 | - | 0.07-0.15 | 0.07-0.14 | **0.07-0.14** | 0.07-0.14 | - | 0.07-0.14 |
| | | | | | | | | 40.01-52.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| | | | | | | | | 52.01-65.00 | 0.09-0.16 | **0.09-0.16** | 0.09-0.16 | - | 0.09-0.15 | 0.09-0.14 | **0.09-0.14** | 0.09-0.14 | - | 0.09-0.14 |
| S | S2.0.Z.AN | Heat resistant super alloys | 350 | 4334 | 20 | 40 | 50 | 15.00-18.00 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | - | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | - |
| | S2.0.Z.AG | Ni based | | 4344 | 20 | 40 | 50 | 18.01-22.00 | 0.04-0.09 | **0.04-0.09** | 0.04-0.09 | - | - | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | - |
| | S2.0.Z.NS | | | 2044 | 20 | 40 | 50 | 22.01-27.00 | 0.04-0.1 | **0.04-0.1** | 0.04-0.1 | - | - | 0.04-0.09 | **0.04-0.09** | 0.04-0.09 | - | - |
| | | | | | | | | 27.01-33.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | - | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | - |
| | | | | | | | | 33.01-40.00 | 0.05-0.12 | **0.05-0.12** | 0.05-0.12 | - | - | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | - |
| | | | | | | | | 40.01-52.00 | 0.06-0.12 | **0.06-0.12** | 0.06-0.12 | - | - | 0.06-0.11 | **0.06-0.11** | 0.06-0.11 | - | - |
| | | | | | | | | 52.01-65.00 | 0.06-0.12 | **0.06-0.12** | 0.06-0.12 | - | - | 0.06-0.11 | **0.06-0.11** | 0.06-0.11 | - | - |
| | S4.2.Z.AN | Heat resistant super alloys | 330 | H13A | 40 | 90 | 120 | 15.00-18.00 | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - |
| | S4.3.Z.AG | Ti based | | 4344 | 40 | 90 | 120 | 18.01-22.00 | **0.06-0.15** | 0.06-0.15 | 0.06-0.15 | - | - | **0.06-0.13** | 0.06-0.13 | 0.06-0.13 | - | - |
| | | | | 2044 | 40 | 90 | 120 | 22.01-27.00 | **0.06-0.16** | 0.06-0.16 | 0.06-0.16 | - | - | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.17** | 0.08-0.17 | 0.08-0.17 | - | - | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.18** | 0.08-0.18 | 0.08-0.18 | - | - | **0.08-0.15** | 0.08-0.15 | 0.08-0.15 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.18** | 0.1-0.18 | 0.1-0.18 | - | - | **0.1-0.15** | 0.1-0.15 | 0.1-0.15 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.18** | 0.1-0.18 | 0.1-0.18 | - | - | **0.1-0.15** | 0.1-0.15 | 0.1-0.15 | - | - |

# CoroDrill® DS20

**4 – 5 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 4-5xD | | | Boordiameter | Boordiepte 4xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 5xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| K | K1.1.C.NS | Malleable cast iron Low tensile strength | 200 | 4324 | 140 | 210 | 245 | 15.00-18.00 | - | 0.08-0.15 | 0.08-0.15 | **0.08-0.2** | - | - | 0.08-0.13 | 0.08-0.13 | **0.08-0.17** | - |
| | | | | 4334 | 110 | 170 | 200 | 18.01-22.00 | - | 0.08-0.18 | 0.08-0.18 | **0.08-0.23** | - | - | 0.08-0.15 | 0.08-0.15 | **0.08-0.2** | - |
| | | | | 4344 | 180 | 165 | 155 | 22.01-27.00 | - | 0.08-0.21 | 0.08-0.21 | **0.08-0.26** | - | - | 0.08-0.18 | 0.08-0.18 | **0.08-0.22** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.24 | 0.1-0.24 | **0.1-0.29** | - | - | 0.1-0.2 | 0.1-0.2 | **0.1-0.25** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.27 | 0.1-0.27 | **0.1-0.32** | - | - | 0.1-0.23 | 0.1-0.23 | **0.1-0.27** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.27 | 0.12-0.27 | **0.12-0.32** | - | - | 0.12-0.23 | 0.12-0.23 | **0.12-0.27** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.27 | 0.12-0.27 | **0.12-0.32** | - | - | 0.12-0.23 | 0.12-0.23 | **0.12-0.27** | - |
| | K2.1.C.UT | Grey cast iron Low tensile strength | 180 | 4324 | 210 | 285 | 325 | 15.00-18.00 | - | 0.08-0.15 | 0.08-0.15 | **0.08-0.2** | - | - | 0.08-0.13 | 0.08-0.13 | **0.08-0.17** | - |
| | | | | 4334 | 170 | 235 | 270 | 18.01-22.00 | - | 0.08-0.18 | 0.08-0.18 | **0.08-0.23** | - | - | 0.08-0.15 | 0.08-0.15 | **0.08-0.2** | - |
| | | | | 4344 | 130 | 180 | 205 | 22.01-27.00 | - | 0.08-0.21 | 0.08-0.21 | **0.08-0.26** | - | - | 0.08-0.18 | 0.08-0.18 | **0.08-0.22** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.24 | 0.1-0.24 | **0.1-0.29** | - | - | 0.1-0.2 | 0.1-0.2 | **0.1-0.25** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.27 | 0.1-0.27 | **0.1-0.32** | - | - | 0.1-0.23 | 0.1-0.23 | **0.1-0.27** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.27 | 0.12-0.27 | **0.12-0.32** | - | - | 0.12-0.23 | 0.12-0.23 | **0.12-0.27** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.27 | 0.12-0.27 | **0.12-0.32** | - | - | 0.12-0.23 | 0.12-0.23 | **0.12-0.27** | - |
| | K2.2.C.UT | Grey cast iron High tensile strength | 245 | 4324 | 125 | 205 | 245 | 15.00-18.00 | - | 0.08-0.13 | 0.08-0.13 | **0.08-0.18** | - | - | 0.08-0.11 | 0.08-0.11 | **0.08-0.15** | - |
| | | | | 4334 | 100 | 160 | 195 | 18.01-22.00 | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.21** | - | - | 0.08-0.14 | 0.08-0.14 | **0.08-0.18** | - |
| | | | | 4344 | 75 | 125 | 150 | 22.01-27.00 | - | 0.08-0.19 | 0.08-0.19 | **0.08-0.24** | - | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.2** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.22 | 0.1-0.22 | **0.1-0.27** | - | - | 0.1-0.19 | 0.1-0.19 | **0.1-0.23** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.25 | 0.1-0.25 | **0.1-0.3** | - | - | 0.1-0.21 | 0.1-0.21 | **0.1-0.26** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| | K3.1.C.UT | Nodular cast iron Ferritic | 155 | 4324 | 125 | 190 | 225 | 15.00-18.00 | - | 0.08-0.13 | 0.08-0.13 | **0.08-0.18** | - | - | 0.08-0.11 | 0.08-0.11 | **0.08-0.15** | - |
| | | | | 4334 | 100 | 155 | 185 | 18.01-22.00 | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.21** | - | - | 0.08-0.14 | 0.08-0.14 | **0.08-0.18** | - |
| | | | | 4344 | 80 | 120 | 145 | 22.01-27.00 | - | 0.08-0.19 | 0.08-0.19 | **0.08-0.24** | - | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.2** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.22 | 0.1-0.22 | **0.1-0.27** | - | - | 0.1-0.19 | 0.1-0.19 | **0.1-0.23** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.25 | 0.1-0.25 | **0.1-0.3** | - | - | 0.1-0.21 | 0.1-0.21 | **0.1-0.26** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| | K3.3.C.UT | Nodular cast iron Pearlitic | 265 | 4324 | 110 | 175 | 210 | 15.00-18.00 | - | 0.08-0.13 | 0.08-0.13 | **0.08-0.18** | - | - | 0.08-0.11 | 0.08-0.11 | **0.08-0.15** | - |
| | | | | 4334 | 90 | 145 | 175 | 18.01-22.00 | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.21** | - | - | 0.08-0.14 | 0.08-0.14 | **0.08-0.18** | - |
| | | | | 4344 | 70 | 110 | 130 | 22.01-27.00 | - | 0.08-0.19 | 0.08-0.19 | **0.08-0.24** | - | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.2** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.22 | 0.1-0.22 | **0.1-0.27** | - | - | 0.1-0.19 | 0.1-0.19 | **0.1-0.23** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.25 | 0.1-0.25 | **0.1-0.3** | - | - | 0.1-0.21 | 0.1-0.21 | **0.1-0.26** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| | K4.2.C.UT | Compacted graphite iron High tensile strength (Pearlite>90%) | 230 | 4324 | 130 | 210 | 250 | 15.00-18.00 | - | 0.08-0.13 | 0.08-0.13 | **0.08-0.18** | - | - | 0.08-0.11 | 0.08-0.11 | **0.08-0.15** | - |
| | | | | 4334 | 110 | 170 | 200 | 18.01-22.00 | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.21** | - | - | 0.08-0.14 | 0.08-0.14 | **0.08-0.18** | - |
| | | | | 4344 | 85 | 125 | 150 | 22.01-27.00 | - | 0.08-0.19 | 0.08-0.19 | **0.08-0.24** | - | - | 0.08-0.16 | 0.08-0.16 | **0.08-0.2** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.22 | 0.1-0.22 | **0.1-0.27** | - | - | 0.1-0.19 | 0.1-0.19 | **0.1-0.23** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.25 | 0.1-0.25 | **0.1-0.3** | - | - | 0.1-0.21 | 0.1-0.21 | **0.1-0.26** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.25 | 0.12-0.25 | **0.12-0.3** | - | - | 0.12-0.21 | 0.12-0.21 | **0.12-0.26** | - |
| H | H1.3.Z.HA | Extra hard steels Hardened & tempered | 60 (HRC) | 4324 | 30 | 65 | 85 | 15.00-18.00 | - | 0.06-0.13 | **0.06-0.13** | 0.06-0.13 | - | - | 0.06-0.11 | **0.06-0.11** | 0.06-0.11 | - |
| | | | | 4334 | 30 | 65 | 85 | 18.01-22.00 | - | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 | - | - | 0.06-0.12 | **0.06-0.12** | 0.06-0.12 | - |
| | | | | 4344 | 30 | 65 | 85 | 22.01-27.00 | - | 0.06-0.15 | **0.06-0.15** | 0.06-0.15 | - | - | 0.06-0.13 | **0.06-0.13** | 0.06-0.13 | - |
| | | | | | | | | 27.01-33.00 | - | 0.08-0.16 | **0.08-0.16** | 0.08-0.16 | - | - | 0.08-0.14 | **0.08-0.14** | 0.08-0.14 | - |
| | | | | | | | | 33.01-40.00 | - | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 | - | - | 0.08-0.15 | **0.08-0.15** | 0.08-0.15 | - |
| | | | | | | | | 40.01-52.00 | - | 0.1-0.18 | **0.1-0.18** | 0.1-0.18 | - | - | 0.1-0.15 | **0.1-0.15** | 0.1-0.15 | - |
| | | | | | | | | 52.01-65.00 | - | 0.1-0.18 | **0.1-0.18** | 0.1-0.18 | - | - | 0.1-0.15 | **0.1-0.15** | 0.1-0.15 | - |

# CoroDrill® DS20

**4 – 5 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 4-5xD | | | Boordiameter | Boordiepte 4xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 5xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| N | N1.2.Z.AG | Aluminum based alloys AlSi alloys (Si<1%) | 100 | H13A | 300 | 365 | 400 | 15.00-18.00 | **0.06-0.16** | 0.06-0.16 | 0.06-0.16 | - | - | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - |
| | | | | 4344 | 300 | 365 | 400 | 18.01-22.00 | **0.06-0.18** | 0.06-0.18 | 0.06-0.18 | - | - | **0.06-0.15** | 0.06-0.15 | 0.06-0.15 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.2** | 0.06-0.2 | 0.06-0.2 | - | - | **0.06-0.17** | 0.06-0.17 | 0.06-0.17 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.22** | 0.08-0.22 | 0.08-0.22 | - | - | **0.08-0.19** | 0.08-0.19 | 0.08-0.19 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.25** | 0.08-0.25 | 0.08-0.25 | - | - | **0.08-0.21** | 0.08-0.21 | 0.08-0.21 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.25** | 0.1-0.25 | 0.1-0.25 | - | - | **0.1-0.21** | 0.1-0.21 | 0.1-0.21 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.25** | 0.1-0.25 | 0.1-0.25 | - | - | **0.1-0.21** | 0.1-0.21 | 0.1-0.21 | - | - |
| | N1.3.C.UT | Aluminum based alloys AlSi cast alloys (1%< Si >13%) | 75 | H13A | 250 | 350 | 400 | 15.00-18.00 | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - |
| | | | | 4344 | 250 | 350 | 400 | 18.01-22.00 | **0.06-0.16** | 0.06-0.16 | 0.06-0.16 | - | - | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.18** | 0.06-0.18 | 0.06-0.18 | - | - | **0.06-0.15** | 0.06-0.15 | 0.06-0.15 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.2** | 0.08-0.2 | 0.08-0.2 | - | - | **0.08-0.17** | 0.08-0.17 | 0.08-0.17 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.22** | 0.08-0.22 | 0.08-0.22 | - | - | **0.08-0.19** | 0.08-0.19 | 0.08-0.19 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.22** | 0.1-0.22 | 0.1-0.22 | - | - | **0.1-0.19** | 0.1-0.19 | 0.1-0.19 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.22** | 0.1-0.22 | 0.1-0.22 | - | - | **0.1-0.19** | 0.1-0.19 | 0.1-0.19 | - | - |
| | N1.3.C.AG | Aluminum based alloys AlSi cast and aged alloys (1%< Si >13%) | 90 | H13A | 250 | 315 | 350 | 15.00-18.00 | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - |
| | | | | 4344 | 250 | 315 | 350 | 18.01-22.00 | **0.06-0.16** | 0.06-0.16 | 0.06-0.16 | - | - | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.18** | 0.06-0.18 | 0.06-0.18 | - | - | **0.06-0.15** | 0.06-0.15 | 0.06-0.15 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.2** | 0.08-0.2 | 0.08-0.2 | - | - | **0.08-0.17** | 0.08-0.17 | 0.08-0.17 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.22** | 0.08-0.22 | 0.08-0.22 | - | - | **0.08-0.19** | 0.08-0.19 | 0.08-0.19 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.22** | 0.1-0.22 | 0.1-0.22 | - | - | **0.1-0.19** | 0.1-0.19 | 0.1-0.19 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.22** | 0.1-0.22 | 0.1-0.22 | - | - | **0.1-0.19** | 0.1-0.19 | 0.1-0.19 | - | - |
| | N3.3.U.UT | Copper based alloys Free cutting copper based alloys | 110 | H13A | 250 | 350 | 400 | 15.00-18.00 | **0.06-0.16** | 0.06-0.16 | 0.06-0.16 | - | - | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - |
| | | | | 4344 | 250 | 350 | 400 | 18.01-22.00 | **0.06-0.18** | 0.06-0.18 | 0.06-0.18 | - | - | **0.06-0.15** | 0.06-0.15 | 0.06-0.15 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.2** | 0.06-0.2 | 0.06-0.2 | - | - | **0.06-0.17** | 0.06-0.17 | 0.06-0.17 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.22** | 0.08-0.22 | 0.08-0.22 | - | - | **0.08-0.19** | 0.08-0.19 | 0.08-0.19 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.25** | 0.08-0.25 | 0.08-0.25 | - | - | **0.08-0.21** | 0.08-0.21 | 0.08-0.21 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.25** | 0.1-0.25 | 0.1-0.25 | - | - | **0.1-0.21** | 0.1-0.21 | 0.1-0.21 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.25** | 0.1-0.25 | 0.1-0.25 | - | - | **0.1-0.21** | 0.1-0.21 | 0.1-0.21 | - | - |
| | N3.2.C.UT | Copper based alloys Leaded brass and bronzes (Pb<1%) | 90 | H13A | 180 | 220 | 240 | 15.00-18.00 | **0.06-0.16** | 0.06-0.16 | 0.06-0.16 | - | - | **0.06-0.14** | 0.06-0.14 | 0.06-0.14 | - | - |
| | | | | 4344 | 180 | 220 | 240 | 18.01-22.00 | **0.06-0.18** | 0.06-0.18 | 0.06-0.18 | - | - | **0.06-0.15** | 0.06-0.15 | 0.06-0.15 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.2** | 0.06-0.2 | 0.06-0.2 | - | - | **0.06-0.17** | 0.06-0.17 | 0.06-0.17 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.22** | 0.08-0.22 | 0.08-0.22 | - | - | **0.08-0.19** | 0.08-0.19 | 0.08-0.19 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.25** | 0.08-0.25 | 0.08-0.25 | - | - | **0.08-0.21** | 0.08-0.21 | 0.08-0.21 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.25** | 0.1-0.25 | 0.1-0.25 | - | - | **0.1-0.21** | 0.1-0.21 | 0.1-0.21 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.25** | 0.1-0.25 | 0.1-0.25 | - | - | **0.1-0.21** | 0.1-0.21 | 0.1-0.21 | - | - |

# CoroDrill® DS20

**6 – 7 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 6-7xD Min. | Aanbev. | Max. | Boordiameter | Boorlengte 6xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 7xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| P | | | | | | | | | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw | $f_n$ mm/omw |
| | P1.0.Z.AN | Ongelegeerd staal C=0.05-0.10% | 110 | 4324 | 230 | 305 | 360 | 15.00-18.00 | 0.04-0.06 | **0.04-0.06** | 0.04-0.06 | - | 0.04-0.08 | 0.04-0.05 | **0.04-0.05** | 0.04-0.05 | - | 0.04-0.07 |
| | | | | 4334 | 210 | 255 | 295 | 18.01-22.00 | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | 0.04-0.09 | 0.04-0.06 | **0.04-0.06** | 0.04-0.06 | - | 0.04-0.07 |
| | | | | 4344 | 190 | 205 | 220 | 22.01-27.00 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | 0.04-0.1 | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | 0.04-0.08 |
| | | | | | | | | 27.01-33.00 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.1 | 0.05-0.07 | **0.05-0.07** | 0.05-0.07 | - | 0.05-0.08 |
| | | | | | | | | 33.01-40.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.13 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.1 |
| | | | | | | | | 40.01-52.00 | 0.06-0.1 | **0.06-0.1** | 0.06-0.1 | - | 0.06-0.13 | 0.06-0.08 | **0.06-0.08** | 0.06-0.08 | - | 0.06-0.1 |
| | | | | | | | | 52.01-65.00 | 0.06-0.1 | **0.06-0.1** | 0.06-0.1 | - | 0.06-0.13 | 0.06-0.08 | **0.06-0.08** | 0.06-0.08 | - | 0.06-0.1 |
| | P1.1.Z.AN | Ongelegeerd staal C=0.05-0.25% | 125 | 4324 | 230 | 290 | 335 | 15.00-18.00 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | 0.04-0.08 | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | 0.04-0.07 |
| | | | | 4334 | 200 | 245 | 275 | 18.01-22.00 | 0.04-0.09 | **0.04-0.09** | 0.04-0.09 | - | 0.04-0.09 | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | 0.04-0.07 |
| | | | | 4344 | 170 | 190 | 210 | 22.01-27.00 | 0.04-0.1 | **0.04-0.1** | 0.04-0.1 | - | 0.04-0.1 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | 0.04-0.08 |
| | | | | | | | | 27.01-33.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.1 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | | | | | | | 33.01-40.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.13 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.1 |
| | | | | | | | | 40.01-52.00 | 0.06-0.11 | **0.06-0.11** | 0.06-0.11 | - | 0.06-0.13 | 0.06-0.09 | **0.06-0.09** | 0.06-0.09 | - | 0.06-0.1 |
| | | | | | | | | 52.01-65.00 | 0.06-0.11 | **0.06-0.11** | 0.06-0.11 | - | 0.06-0.13 | 0.06-0.09 | **0.06-0.09** | 0.06-0.09 | - | 0.06-0.1 |
| | P1.2.Z.AN | Ongelegeerd staal C=0.25-0.55% | 190 | 4324 | 190 | 240 | 275 | 15.00-18.00 | - | 0.05-0.08 | 0.06-0.09 | **0.06-0.1** | - | - | 0.05-0.07 | 0.06-0.08 | **0.06-0.09** | - |
| | | | | 4334 | 155 | 195 | 225 | 18.01-22.00 | - | 0.05-0.09 | 0.06-0.1 | **0.06-0.12** | - | - | 0.05-0.08 | 0.06-0.09 | **0.06-0.1** | - |
| | | | | 4344 | 120 | 150 | 170 | 22.01-27.00 | - | 0.05-0.12 | 0.06-0.13 | **0.06-0.14** | - | - | 0.05-0.1 | 0.06-0.11 | **0.06-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | 0.07-0.14 | 0.08-0.16 | **0.08-0.17** | - | - | 0.07-0.12 | 0.08-0.13 | **0.08-0.14** | - |
| | | | | | | | | 33.01-40.00 | - | 0.07-0.16 | 0.08-0.17 | **0.08-0.18** | - | - | 0.07-0.13 | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 40.01-52.00 | - | 0.09-0.16 | 0.1-0.17 | **0.1-0.18** | - | - | 0.09-0.13 | 0.1-0.14 | **0.1-0.15** | - |
| | | | | | | | | 52.01-65.00 | - | 0.09-0.16 | 0.1-0.17 | **0.1-0.18** | - | - | 0.09-0.13 | 0.1-0.14 | **0.1-0.15** | - |
| | P1.3.Z.AN | Ongelegeerd staal C=0.55-0.80% | 190 | 4324 | 170 | 225 | 260 | 15.00-18.00 | - | 0.05-0.08 | 0.06-0.09 | **0.06-0.1** | - | - | 0.05-0.07 | 0.06-0.08 | **0.06-0.09** | - |
| | | | | 4334 | 140 | 185 | 215 | 18.01-22.00 | - | 0.05-0.09 | 0.06-0.1 | **0.06-0.12** | - | - | 0.05-0.08 | 0.06-0.09 | **0.06-0.1** | - |
| | | | | 4344 | 105 | 140 | 165 | 22.01-27.00 | - | 0.05-0.12 | 0.06-0.13 | **0.06-0.14** | - | - | 0.05-0.1 | 0.06-0.11 | **0.06-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | 0.07-0.14 | 0.08-0.16 | **0.08-0.17** | - | - | 0.07-0.12 | 0.08-0.13 | **0.08-0.14** | - |
| | | | | | | | | 33.01-40.00 | - | 0.07-0.16 | 0.08-0.17 | **0.08-0.18** | - | - | 0.07-0.13 | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 40.01-52.00 | - | 0.09-0.16 | 0.1-0.17 | **0.1-0.18** | - | - | 0.09-0.13 | 0.1-0.14 | **0.1-0.15** | - |
| | | | | | | | | 52.01-65.00 | - | 0.09-0.16 | 0.1-0.17 | **0.1-0.18** | - | - | 0.09-0.13 | 0.1-0.14 | **0.1-0.15** | - |
| | P1.5.C.UT | Ongelegeerd staal Gegoten - onbehandeld | 150 | 4324 | 140 | 235 | 295 | 15.00-18.00 | - | 0.04-0.08 | 0.04-0.08 | **0.04-0.08** | - | - | 0.04-0.07 | 0.04-0.07 | **0.04-0.07** | - |
| | | | | 4334 | 135 | 200 | 240 | 18.01-22.00 | - | 0.04-0.08 | 0.04-0.08 | **0.04-0.08** | - | - | 0.04-0.07 | 0.04-0.07 | **0.04-0.07** | - |
| | | | | 4344 | 125 | 160 | 180 | 22.01-27.00 | - | 0.04-0.09 | 0.04-0.09 | **0.04-0.09** | - | - | 0.04-0.08 | 0.04-0.08 | **0.04-0.08** | - |
| | | | | | | | | 27.01-33.00 | - | 0.05-0.1 | 0.05-0.1 | **0.05-0.1** | - | - | 0.05-0.08 | 0.05-0.08 | **0.05-0.08** | - |
| | | | | | | | | 33.01-40.00 | - | 0.05-0.1 | 0.05-0.1 | **0.05-0.1** | - | - | 0.05-0.09 | 0.05-0.09 | **0.05-0.09** | - |
| | | | | | | | | 40.01-52.00 | - | 0.06-0.1 | 0.06-0.1 | **0.06-0.1** | - | - | 0.06-0.09 | 0.06-0.09 | **0.06-0.09** | - |
| | | | | | | | | 52.01-65.00 | - | 0.06-0.1 | 0.06-0.1 | **0.06-0.1** | - | - | 0.06-0.09 | 0.06-0.09 | **0.06-0.09** | - |
| | P2.1.Z.AN | Laaggelegeerd staal Gegloeid | 175 | 4324 | 180 | 235 | 275 | 15.00-18.00 | - | - | 0.06-0.09 | **0.06-0.1** | - | - | - | 0.06-0.08 | **0.06-0.09** | - |
| | | | | 4334 | 150 | 195 | 225 | 18.01-22.00 | - | - | 0.06-0.1 | **0.06-0.12** | - | - | - | 0.06-0.09 | **0.06-0.1** | - |
| | | | | 4344 | 115 | 150 | 170 | 22.01-27.00 | - | - | 0.06-0.13 | **0.06-0.14** | - | - | - | 0.06-0.11 | **0.06-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.16 | **0.08-0.17** | - | - | - | 0.08-0.13 | **0.08-0.14** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.17 | **0.08-0.18** | - | - | - | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | P2.2.Z.AN | Laaggelegeerd staal Gegloeid | 240 | 4324 | 180 | 225 | 260 | 15.00-18.00 | - | - | 0.06-0.09 | **0.06-0.1** | - | - | - | 0.06-0.08 | **0.06-0.09** | - |
| | | | | 4334 | 150 | 180 | 205 | 18.01-22.00 | - | - | 0.06-0.1 | **0.06-0.12** | - | - | - | 0.06-0.09 | **0.06-0.1** | - |
| | | | | 4344 | 115 | 160 | 185 | 22.01-27.00 | - | - | 0.06-0.13 | **0.06-0.14** | - | - | - | 0.06-0.11 | **0.06-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.16 | **0.08-0.17** | - | - | - | 0.08-0.13 | **0.08-0.14** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.17 | **0.08-0.18** | - | - | - | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | P2.5.Z.HT | Laaggelegeerd staal Gehard en ontlaten | 330 | 4324 | 90 | 170 | 220 | 15.00-18.00 | - | - | 0.06-0.09 | **0.06-0.1** | - | - | - | 0.06-0.08 | **0.06-0.09** | - |
| | | | | 4334 | 85 | 140 | 175 | 18.01-22.00 | - | - | 0.06-0.1 | **0.06-0.12** | - | - | - | 0.06-0.09 | **0.06-0.1** | - |
| | | | | 4344 | 75 | 115 | 135 | 22.01-27.00 | - | - | 0.06-0.13 | **0.06-0.14** | - | - | - | 0.06-0.11 | **0.06-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.16 | **0.08-0.17** | - | - | - | 0.08-0.13 | **0.08-0.14** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.17 | **0.08-0.18** | - | - | - | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | P2.6.C.UT | Laaggelegeerd staal Gegoten - onbehandeld | 200 | 4324 | 110 | 190 | 240 | 15.00-18.00 | - | - | 0.06-0.1 | **0.06-0.12** | - | - | - | 0.06-0.09 | **0.06-0.1** | - |
| | | | | 4334 | 105 | 160 | 190 | 18.01-22.00 | - | - | 0.06-0.12 | **0.06-0.13** | - | - | - | 0.06-0.1 | **0.06-0.11** | - |
| | | | | 4344 | 100 | 125 | 145 | 22.01-27.00 | - | - | 0.06-0.14 | **0.06-0.16** | - | - | - | 0.06-0.12 | **0.06-0.13** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.17 | **0.08-0.18** | - | - | - | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.18 | **0.08-0.2** | - | - | - | 0.08-0.15 | **0.08-0.17** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.18 | **0.1-0.2** | - | - | - | 0.1-0.15 | **0.1-0.17** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.18 | **0.1-0.2** | - | - | - | 0.1-0.15 | **0.1-0.17** | - |
| | P3.0.Z.AN | Hooggelegeerd staal Gegloeid | 200 | 4324 | 160 | 220 | 260 | 15.00-18.00 | - | - | 0.06-0.09 | **0.06-0.1** | - | - | - | 0.06-0.08 | **0.06-0.09** | - |
| | | | | 4334 | 130 | 180 | 215 | 18.01-22.00 | - | - | 0.06-0.1 | **0.06-0.12** | - | - | - | 0.06-0.09 | **0.06-0.1** | - |
| | | | | 4344 | 100 | 135 | 160 | 22.01-27.00 | - | - | 0.06-0.13 | **0.06-0.14** | - | - | - | 0.06-0.11 | **0.06-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.16 | **0.08-0.17** | - | - | - | 0.08-0.13 | **0.08-0.14** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.17 | **0.08-0.18** | - | - | - | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |



SANDVIK Coromant

# CoroDrill® DS20

**6 – 7 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 6-7xD | | | Boordiameter | Boorlengte 6xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 7xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| P | P3.0.Z.HT | Hooggelegeerd staal | 380 | 4324 | 80 | 150 | 190 | 15.00-18.00 | - | - | 0.06-0.09 | **0.06-0.1** | - | - | - | 0.06-0.08 | **0.06-0.09** | - |
| | | | | 4334 | 75 | 125 | 160 | 18.01-22.00 | - | - | 0.06-0.1 | **0.06-0.12** | - | - | - | 0.06-0.09 | **0.06-0.1** | - |
| | | Gehard en ontlaten | | 4344 | 70 | 100 | 115 | 22.01-27.00 | - | - | 0.06-0.13 | **0.06-0.14** | - | - | - | 0.06-0.11 | **0.06-0.12** | - |
| | | | | | | | | 27.01-33.00 | - | - | 0.08-0.16 | **0.08-0.17** | - | - | - | 0.08-0.13 | **0.08-0.14** | - |
| | | | | | | | | 33.01-40.00 | - | - | 0.08-0.17 | **0.08-0.18** | - | - | - | 0.08-0.14 | **0.08-0.15** | - |
| | | | | | | | | 40.01-52.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | | | | | | | | 52.01-65.00 | - | - | 0.1-0.17 | **0.1-0.18** | - | - | - | 0.1-0.14 | **0.1-0.15** | - |
| | P5.0.Z.AN | Ferritisch/martensitisch roestvaststaal | 200 | 4334 | 115 | 165 | 205 | 15.00-18.00 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 | 0.05-0.07 | **0.05-0.07** | 0.05-0.07 | - | 0.05-0.07 |
| | | | | 4344 | 115 | 140 | 160 | 18.01-22.00 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.08 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.07 |
| | | Gegloeid | | 2044 | 115 | 135 | 150 | 22.01-27.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.09 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | | | | | | | 27.01-33.00 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.1 | 0.07-0.09 | **0.07-0.09** | 0.07-0.09 | - | 0.07-0.08 |
| | | | | | | | | 33.01-40.00 | 0.07-0.12 | **0.07-0.12** | 0.07-0.12 | - | 0.07-0.1 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.09 |
| | | | | | | | | 40.01-52.00 | 0.09-0.12 | **0.09-0.12** | 0.09-0.12 | - | 0.09-0.1 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.09 |
| | | | | | | | | 52.01-65.00 | 0.09-0.12 | **0.09-0.12** | 0.09-0.12 | - | 0.09-0.1 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.09 |
| | P5.0.Z.HT | Ferritisch/martensitisch roestvaststaal | 330 | 4334 | 75 | 120 | 155 | 15.00-18.00 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 | 0.05-0.07 | **0.05-0.07** | 0.05-0.07 | - | 0.05-0.07 |
| | | | | 4344 | 70 | 105 | 125 | 18.01-22.00 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.08 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.07 |
| | | Gehard en ontlaten | | 2044 | 70 | 105 | 125 | 22.01-27.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.09 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | | | | | | | 27.01-33.00 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.1 | 0.07-0.09 | **0.07-0.09** | 0.07-0.09 | - | 0.07-0.08 |
| | | | | | | | | 33.01-40.00 | 0.07-0.12 | **0.07-0.12** | 0.07-0.12 | - | 0.07-0.1 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.09 |
| | | | | | | | | 40.01-52.00 | 0.09-0.12 | **0.09-0.12** | 0.09-0.12 | - | 0.09-0.1 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.09 |
| | | | | | | | | 52.01-65.00 | 0.09-0.12 | **0.09-0.12** | 0.09-0.12 | - | 0.09-0.1 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.09 |
| M | M1.0.Z.AQ | Austenitisch roestvaststaal | 200 | 4334 | 115 | 165 | 205 | 15.00-18.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.09 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.07 |
| | | | | 4344 | 115 | 150 | 170 | 18.01-22.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.1 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | Annealed/quenched | | 2044 | 115 | 140 | 160 | 22.01-27.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.08 |
| | | | | | | | | 27.01-33.00 | 0.07-0.12 | **0.07-0.12** | 0.07-0.12 | - | 0.07-0.11 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.09 |
| | | | | | | | | 33.01-40.00 | 0.07-0.13 | **0.07-0.13** | 0.07-0.13 | - | 0.07-0.12 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.1 |
| | | | | | | | | 40.01-52.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | | | | | | | | 52.01-65.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | M1.1.Z.AQ | Austenitisch roestvaststaal | 200 | 4334 | 115 | 175 | 215 | 15.00-18.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.09 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.07 |
| | | | | 4344 | 115 | 160 | 190 | 18.01-22.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.1 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | Bewerkbaarheid verbeterd | | 2044 | 115 | 155 | 180 | 22.01-27.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.08 |
| | | | | | | | | 27.01-33.00 | 0.07-0.12 | **0.07-0.12** | 0.07-0.12 | - | 0.07-0.11 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.09 |
| | | | | | | | | 33.01-40.00 | 0.07-0.13 | **0.07-0.13** | 0.07-0.13 | - | 0.07-0.12 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.1 |
| | | | | | | | | 40.01-52.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | | | | | | | | 52.01-65.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | M2.0.Z.AQ | Super-austenitisch (Ni>20%) roestvaststaal | 200 | 4334 | 80 | 115 | 135 | 15.00-18.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.09 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.07 |
| | | | | 4344 | 80 | 100 | 115 | 18.01-22.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.1 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | | | 2044 | 80 | 100 | 115 | 22.01-27.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.08 |
| | | Gegloeid/gelest | | | | | | 27.01-33.00 | 0.07-0.12 | **0.07-0.12** | 0.07-0.12 | - | 0.07-0.11 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.09 |
| | | | | | | | | 33.01-40.00 | 0.07-0.13 | **0.07-0.13** | 0.07-0.13 | - | 0.07-0.12 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.1 |
| | | | | | | | | 40.01-52.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | | | | | | | | 52.01-65.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | M3.1.Z.AQ | Duplex roestvaststaal | 230 | 4334 | 85 | 115 | 130 | 15.00-18.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.09 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.07 |
| | | | | 4344 | 85 | 105 | 115 | 18.01-22.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.1 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | >60% ferriet (N<0.10%) | | 2044 | 85 | 100 | 115 | 22.01-27.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.08 |
| | | | | | | | | 27.01-33.00 | 0.07-0.12 | **0.07-0.12** | 0.07-0.12 | - | 0.07-0.11 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.09 |
| | | | | | | | | 33.01-40.00 | 0.07-0.13 | **0.07-0.13** | 0.07-0.13 | - | 0.07-0.12 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.1 |
| | | | | | | | | 40.01-52.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | | | | | | | | 52.01-65.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | M3.2.Z.AQ | Duplex roestvaststaal | 260 | 4334 | 75 | 95 | 110 | 15.00-18.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.09 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.07 |
| | | | | 4344 | 75 | 90 | 105 | 18.01-22.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | 0.05-0.1 | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | 0.05-0.08 |
| | | <60% ferriet (N≥0.10%) | | 2044 | 75 | 90 | 105 | 22.01-27.00 | 0.05-0.11 | **0.05-0.11** | 0.05-0.11 | - | 0.05-0.1 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | 0.05-0.08 |
| | | | | | | | | 27.01-33.00 | 0.07-0.12 | **0.07-0.12** | 0.07-0.12 | - | 0.07-0.11 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.09 |
| | | | | | | | | 33.01-40.00 | 0.07-0.13 | **0.07-0.13** | 0.07-0.13 | - | 0.07-0.12 | 0.07-0.1 | **0.07-0.1** | 0.07-0.1 | - | 0.07-0.1 |
| | | | | | | | | 40.01-52.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| | | | | | | | | 52.01-65.00 | 0.09-0.13 | **0.09-0.13** | 0.09-0.13 | - | 0.09-0.12 | 0.09-0.1 | **0.09-0.1** | 0.09-0.1 | - | 0.09-0.1 |
| S | S2.0.Z.AN | Hittebestendige superlegeringen | 350 | 4334 | 20 | 35 | 45 | 15.00-18.00 | 0.04-0.06 | **0.04-0.06** | 0.04-0.06 | - | - | 0.04-0.05 | **0.04-0.05** | 0.04-0.05 | - | - |
| | S2.0.Z.AG | Op Ni basis | | 4344 | 20 | 35 | 45 | 18.01-22.00 | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | - | 0.04-0.06 | **0.04-0.06** | 0.04-0.06 | - | - |
| | S2.0.Z.NS | | | 2044 | 20 | 35 | 45 | 22.01-27.00 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 | - | - | 0.04-0.07 | **0.04-0.07** | 0.04-0.07 | - | - |
| | | | | | | | | 27.01-33.00 | 0.05-0.09 | **0.05-0.09** | 0.05-0.09 | - | - | 0.05-0.07 | **0.05-0.07** | 0.05-0.07 | - | - |
| | | | | | | | | 33.01-40.00 | 0.05-0.1 | **0.05-0.1** | 0.05-0.1 | - | - | 0.05-0.08 | **0.05-0.08** | 0.05-0.08 | - | - |
| | | | | | | | | 40.01-52.00 | 0.06-0.1 | **0.06-0.1** | 0.06-0.1 | - | - | 0.06-0.08 | **0.06-0.08** | 0.06-0.08 | - | - |
| | | | | | | | | 52.01-65.00 | 0.06-0.1 | **0.06-0.1** | 0.06-0.1 | - | - | 0.06-0.08 | **0.06-0.08** | 0.06-0.08 | - | - |
| | S4.2.Z.AN | Hittebestendige superlegeringen | 330 | H13A | 40 | 80 | 110 | 15.00-18.00 | **0.06-0.11** | 0.06-0.11 | 0.06-0.11 | - | - | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - |
| | S4.3.Z.AG | Op Ti-basis | | 4344 | 40 | 80 | 110 | 18.01-22.00 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - |
| | | | | 2044 | 40 | 80 | 110 | 22.01-27.00 | 0.06-0.13 | 0.06-0.13 | 0.06-0.13 | - | - | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - | **0.08-0.11** | 0.08-0.11 | 0.08-0.11 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - | **0.08-0.12** | 0.08-0.12 | 0.08-0.12 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - | **0.1-0.12** | 0.1-0.12 | 0.1-0.12 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - | **0.1-0.12** | 0.1-0.12 | 0.1-0.12 | - | - |

Voeding bij gatintrede moet 75% zijn van de aanbevolen voeding. Voeding bij uittreden van het gat, gebruik 0,05 mm/omw.

# CoroDrill® DS20

**6 – 7 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 6-7xD | | | Boordiameter | Boorlengte 6xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 7xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| K | K1.1.C.NS | Smeedbaar gietijzer Lage treksterkte | 200 | 4324 | 140 | 190 | 220 | 15.00-18.00 | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - | - | 0.08-0.08 | 0.08-0.08 | **0.08-0.11** | - |
| | | | | 4334 | 110 | 155 | 180 | 18.01-22.00 | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.15** | - | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - |
| | | | | 4344 | 180 | 150 | 140 | 22.01-27.00 | - | 0.08-0.14 | 0.08-0.14 | **0.08-0.17** | - | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.14** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.16 | 0.1-0.16 | **0.1-0.19** | - | - | 0.1-0.13 | 0.1-0.13 | **0.1-0.16** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.18 | 0.1-0.18 | **0.1-0.21** | - | - | 0.1-0.15 | 0.1-0.15 | **0.1-0.18** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.18 | 0.12-0.18 | **0.12-0.21** | - | - | 0.12-0.15 | 0.12-0.15 | **0.12-0.18** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.18 | 0.12-0.18 | **0.12-0.21** | - | - | 0.12-0.15 | 0.12-0.15 | **0.12-0.18** | - |
| | K2.1.C.UT | Grijs gietijzer Lage treksterkte | 180 | 4324 | 210 | 255 | 295 | 15.00-18.00 | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - | - | 0.08-0.08 | 0.08-0.08 | **0.08-0.11** | - |
| | | | | 4334 | 170 | 210 | 245 | 18.01-22.00 | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.15** | - | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - |
| | | | | 4344 | 130 | 160 | 185 | 22.01-27.00 | - | 0.08-0.14 | 0.08-0.14 | **0.08-0.17** | - | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.14** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.16 | 0.1-0.16 | **0.1-0.19** | - | - | 0.1-0.13 | 0.1-0.13 | **0.1-0.16** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.18 | 0.1-0.18 | **0.1-0.21** | - | - | 0.1-0.15 | 0.1-0.15 | **0.1-0.18** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.18 | 0.12-0.18 | **0.12-0.21** | - | - | 0.12-0.15 | 0.12-0.15 | **0.12-0.18** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.18 | 0.12-0.18 | **0.12-0.21** | - | - | 0.12-0.15 | 0.12-0.15 | **0.12-0.18** | - |
| | K2.2.C.UT | Grijs gietijzer Hoge treksterkte | 245 | 4324 | 125 | 185 | 220 | 15.00-18.00 | - | 0.08-0.08 | 0.08-0.08 | **0.08-0.12** | - | - | 0.08-0.07 | 0.08-0.07 | **0.08-0.1** | - |
| | | | | 4334 | 100 | 145 | 175 | 18.01-22.00 | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.14** | - | - | 0.08-0.09 | 0.08-0.09 | **0.08-0.12** | - |
| | | | | 4344 | 75 | 115 | 135 | 22.01-27.00 | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.16** | - | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.18** | - | - | 0.1-0.12 | 0.1-0.12 | **0.1-0.15** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.16 | 0.1-0.16 | **0.1-0.2** | - | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.17** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| | K3.1.C.UT | Nodulair gietijzer Ferrietisch | 155 | 4324 | 125 | 170 | 205 | 15.00-18.00 | - | 0.08-0.08 | 0.08-0.08 | **0.08-0.12** | - | - | 0.08-0.07 | 0.08-0.07 | **0.08-0.1** | - |
| | | | | 4334 | 100 | 140 | 165 | 18.01-22.00 | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.14** | - | - | 0.08-0.09 | 0.08-0.09 | **0.08-0.12** | - |
| | | | | 4344 | 80 | 110 | 130 | 22.01-27.00 | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.16** | - | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.18** | - | - | 0.1-0.12 | 0.1-0.12 | **0.1-0.15** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.16 | 0.1-0.16 | **0.1-0.2** | - | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.17** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| | K3.3.C.UT | Nodulair gietijzer Perlietisch | 265 | 4324 | 110 | 160 | 190 | 15.00-18.00 | - | 0.08-0.08 | 0.08-0.08 | **0.08-0.12** | - | - | 0.08-0.07 | 0.08-0.07 | **0.08-0.1** | - |
| | | | | 4334 | 90 | 130 | 160 | 18.01-22.00 | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.14** | - | - | 0.08-0.09 | 0.08-0.09 | **0.08-0.12** | - |
| | | | | 4344 | 70 | 100 | 115 | 22.01-27.00 | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.16** | - | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.18** | - | - | 0.1-0.12 | 0.1-0.12 | **0.1-0.15** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.16 | 0.1-0.16 | **0.1-0.2** | - | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.17** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| | K4.2.C.UT | Gecompacteerd gietijzer Hoge treksterkte | 230 | 4324 | 130 | 190 | 225 | 15.00-18.00 | - | 0.08-0.08 | 0.08-0.08 | **0.08-0.12** | - | - | 0.08-0.07 | 0.08-0.07 | **0.08-0.1** | - |
| | | | | 4334 | 110 | 155 | 180 | 18.01-22.00 | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.14** | - | - | 0.08-0.09 | 0.08-0.09 | **0.08-0.12** | - |
| | | | | 4344 | 85 | 115 | 135 | 22.01-27.00 | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.16** | - | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.13** | - |
| | | | | | | | | 27.01-33.00 | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.18** | - | - | 0.1-0.12 | 0.1-0.12 | **0.1-0.15** | - |
| | | | | | | | | 33.01-40.00 | - | 0.1-0.16 | 0.1-0.16 | **0.1-0.2** | - | - | 0.1-0.14 | 0.1-0.14 | **0.1-0.17** | - |
| | | | | | | | | 40.01-52.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| | | | | | | | | 52.01-65.00 | - | 0.12-0.16 | 0.12-0.16 | **0.12-0.2** | - | - | 0.12-0.14 | 0.12-0.14 | **0.12-0.17** | - |
| H | H1.3.Z.HA | Extra hard staal Gehard en ontlaten | 60 (HRC) | 4324 | 30 | 60 | 75 | 15.00-18.00 | - | 0.06-0.08 | 0.06-0.08 | **0.06-0.08** | - | - | 0.06-0.07 | 0.06-0.07 | **0.06-0.07** | - |
| | | | | 4334 | 30 | 60 | 75 | 18.01-22.00 | - | 0.06-0.09 | 0.06-0.09 | **0.06-0.09** | - | - | 0.06-0.08 | 0.06-0.08 | **0.06-0.08** | - |
| | | | | 4344 | 30 | 60 | 75 | 22.01-27.00 | - | 0.06-0.1 | 0.06-0.1 | **0.06-0.1** | - | - | 0.06-0.08 | 0.06-0.08 | **0.06-0.08** | - |
| | | | | | | | | 27.01-33.00 | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.1** | - | - | 0.08-0.09 | 0.08-0.09 | **0.08-0.09** | - |
| | | | | | | | | 33.01-40.00 | - | 0.08-0.12 | 0.08-0.12 | **0.08-0.12** | - | - | 0.08-0.1 | 0.08-0.1 | **0.08-0.1** | - |
| | | | | | | | | 40.01-52.00 | - | 0.1-0.12 | 0.1-0.12 | **0.1-0.12** | - | - | 0.1-0.1 | 0.1-0.1 | **0.1-0.1** | - |
| | | | | | | | | 52.01-65.00 | - | 0.1-0.12 | 0.1-0.12 | **0.1-0.12** | - | - | 0.1-0.1 | 0.1-0.1 | **0.1-0.1** | - |

# CoroDrill® DS20

**6 – 7 × DC**

| ISO | MC Nr. | Materiaal | HB | Soort | Aanbevolen snijsnelheden 6-7xD | | | Boordiameter | Boorlengte 6xD -S5W | -L5W | -L6W | -M7W | -H5W | Boorlengte 7xD -S5W | -L5W | -L6W | -M7W | -H5W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Aanbevolen startwaarde bij midden van voedingsbereik | | | | | | | | | |
| N | N1.2.Z.AG | Legeringen op aluminiumbasis<br>AlSi legeringen, Si ≤ 1% | 100 | H13A | 300 | 330 | 360 | 15.00-18.00 | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - |
| | | | | 4344 | 300 | 330 | 360 | 18.01-22.00 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.13** | 0.06-0.13 | 0.06-0.13 | - | - | **0.06-0.11** | 0.06-0.11 | 0.06-0.11 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - | **0.08-0.12** | 0.08-0.12 | 0.08-0.12 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.16** | 0.08-0.16 | 0.08-0.16 | - | - | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.16** | 0.1-0.16 | 0.1-0.16 | - | - | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.16** | 0.1-0.16 | 0.1-0.16 | - | - | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - |
| | N1.3.C.UT | Legeringen op aluminiumbasis<br>AlSi gegoten legeringen, Si < 1% en > 13% | 75 | H13A | 250 | 315 | 360 | 15.00-18.00 | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - | **0.06-0.08** | 0.06-0.08 | 0.06-0.08 | - | - |
| | | | | 4344 | 250 | 315 | 360 | 18.01-22.00 | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.13** | 0.08-0.13 | 0.08-0.13 | - | - | **0.08-0.11** | 0.08-0.11 | 0.08-0.11 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - | **0.08-0.12** | 0.08-0.12 | 0.08-0.12 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - | **0.1-0.12** | 0.1-0.12 | 0.1-0.12 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - | **0.1-0.12** | 0.1-0.12 | 0.1-0.12 | - | - |
| | N1.3.C.AG | Legeringen op aluminiumbasis<br>AlSi cast and aged alloys (1%< Si >13%) | 90 | H13A | 250 | 285 | 315 | 15.00-18.00 | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - | **0.06-0.08** | 0.06-0.08 | 0.06-0.08 | - | - |
| | | | | 4344 | 250 | 285 | 315 | 18.01-22.00 | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.13** | 0.08-0.13 | 0.08-0.13 | - | - | **0.08-0.11** | 0.08-0.11 | 0.08-0.11 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - | **0.08-0.12** | 0.08-0.12 | 0.08-0.12 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - | **0.1-0.12** | 0.1-0.12 | 0.1-0.12 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - | **0.1-0.12** | 0.1-0.12 | 0.1-0.12 | - | - |
| | N3.3.U.UT | Legeringen op koperbasis<br>Vrije koperbasis legeringen | 110 | H13A | 250 | 315 | 360 | 15.00-18.00 | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - |
| | | | | 4344 | 250 | 315 | 360 | 18.01-22.00 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.13** | 0.06-0.13 | 0.06-0.13 | - | - | **0.06-0.11** | 0.06-0.11 | 0.06-0.11 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - | **0.08-0.12** | 0.08-0.12 | 0.08-0.12 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.16** | 0.08-0.16 | 0.08-0.16 | - | - | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.16** | 0.1-0.16 | 0.1-0.16 | - | - | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.16** | 0.1-0.16 | 0.1-0.16 | - | - | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - |
| | N3.2.C.UT | Legeringen op koperbasis<br>Gelood messing & brons (Pb ≤ 1%) | 90 | H13A | 180 | 200 | 215 | 15.00-18.00 | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - | **0.06-0.09** | 0.06-0.09 | 0.06-0.09 | - | - |
| | | | | 4344 | 180 | 200 | 215 | 18.01-22.00 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | - | - | **0.06-0.1** | 0.06-0.1 | 0.06-0.1 | - | - |
| | | | | | | | | 22.01-27.00 | **0.06-0.13** | 0.06-0.13 | 0.06-0.13 | - | - | **0.06-0.11** | 0.06-0.11 | 0.06-0.11 | - | - |
| | | | | | | | | 27.01-33.00 | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - | **0.08-0.12** | 0.08-0.12 | 0.08-0.12 | - | - |
| | | | | | | | | 33.01-40.00 | **0.08-0.16** | 0.08-0.16 | 0.08-0.16 | - | - | **0.08-0.14** | 0.08-0.14 | 0.08-0.14 | - | - |
| | | | | | | | | 40.01-52.00 | **0.1-0.16** | 0.1-0.16 | 0.1-0.16 | - | - | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - |
| | | | | | | | | 52.01-65.00 | **0.1-0.16** | 0.1-0.16 | 0.1-0.16 | - | - | **0.1-0.14** | 0.1-0.14 | 0.1-0.14 | - | - |

Voeding bij gatintrede moet 75% zijn van de aanbevolen voeding. Voeding bij het uittreden van het gat, gebruik 0,05 mm/omw.

# CoroDrill® 880

**2 – 3 x DC**

| ISO | MC Nr. | Materiaal | Hardheid Brinell HB | Soort | Snijsnelheid (m/min) | Boordiameter $D_c$ mm | Geometrie / Voeding Boordiepte 2-3xD -LM $f_n$ mm/omw | -GM $f_n$ mm/omw | -GR $f_n$ mm/omw | -GT $f_n$ mm/omw |
|---|---|---|---|---|---|---|---|---|---|---|
| P | P1.0.Z.AN (01.0) | **Ongelegeerd staal** Ongehard 0.05-0.10% C | 90-200 | 4324 | 230-400 | 12.00-13.99 | **0.04-0.08** | | | |
| | | | | 4334 | 210-325 | 14.00-16.49 | **0.04-0.08** | 0.04-0.06 | 0.04-0.06 | 0.04-0.06 |
| | | | | 4344 | 190-245 | 16.50-19.99 | **0.04-0.10** | 0.04-0.06 | 0.04-0.06 | 0.04-0.06 |
| | | | | | | 20.00-23.99 | **0.04-0.12** | 0.04-0.08 | 0.04-0.08 | 0.04-0.08 |
| | | | | | | 24.00-29.99 | **0.04-0.12** | 0.04-0.08 | 0.04-0.08 | 0.04-0.08 |
| | | | | | | 30.00-35.99 | **0.06-0.14** | 0.06-0.10 | 0.06-0.10 | 0.06-0.10 |
| | | | | | | 36.00-43.99 | **0.06-0.16** | 0.06-0.10 | 0.06-0.10 | 0.06-0.10 |
| | | | | | | 44.00-52.99 | **0.08-0.16** | 0.08-0.12 | 0.08-0.12 | 0.08-0.12 |
| | | | | | | 53.00-63.50 | **0.08-0.16** | 0.08-0.12 | 0.08-0.12 | 0.08-0.12 |
| | P1.1.Z.AN (01.1) | Ongehard 0.05-0.25% C | 90-200 | 4324 | 230-370 | 12.00-13.99 | **0.04-0.10** | | | |
| | | | | 4334 | 200-305 | 14.00-16.49 | **0.04-0.10** | 0.04-0.06 | 0.04-0.06 | 0.04-0.06 |
| | | | | 4344 | 170-235 | 16.50-19.99 | **0.04-0.12** | 0.04-0.06 | 0.04-0.06 | 0.04-0.06 |
| | | | | | | 20.00-23.99 | **0.04-0.14** | 0.04-0.10 | 0.04-0.10 | 0.04-0.10 |
| | | | | | | 24.00-29.99 | **0.04-0.14** | 0.04-0.10 | 0.04-0.10 | 0.04-0.10 |
| | | | | | | 30.00-35.99 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 |
| | | | | | | 36.00-43.99 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 |
| | | | | | | 44.00-52.99 | **0.08-0.16** | 0.08-0.12 | 0.08-0.12 | 0.08-0.12 |
| | | | | | | 53.00-63.50 | **0.08-0.16** | 0.08-0.12 | 0.08-0.12 | 0.08-0.12 |
| | P1.2.Z.AN (01.2) | Ongehard 0.25-0.55% C | 125-225 | 4324 | 190-305 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | 4334 | 155-250 | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | 4344 | 120-190 | 16.50-19.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.22 | 0.06-0.22 | **0.06-0.22** | 0.06-0.22 |
| | | | | | | 36.00-43.99 | 0.06-0.24 | 0.06-0.24 | **0.06-0.24** | 0.06-0.24 |
| | | | | | | 44.00-52.99 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | | | | | | 53.00-63.50 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | P1.3.Z.AN (01.3) | Ongehard 0.55-0.80% C | 150-250 | 4324 | 170-290 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | 4334 | 140-240 | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | 4344 | 105-185 | 16.50-19.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.24 | 0.08-0.24 | **0.08-0.24** | 0.08-0.24 |
| | | | | | | 36.00-43.99 | 0.06-0.24 | 0.08-0.24 | **0.08-0.24** | 0.08-0.24 |
| | | | | | | 44.00-52.99 | 0.06-0.24 | 0.08-0.24 | **0.08-0.24** | 0.08-0.24 |
| | | | | | | 53.00-63.50 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | P1.3.Z.AN (01.4) | Staal met hoog koolstofgehalte en koolstofstaal | 180-275 | 4324 | 200-290 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | 4334 | 155-240 | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | 4344 | 105-180 | 16.50-19.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.24 | 0.08-0.24 | **0.08-0.24** | 0.08-0.24 |
| | | | | | | 36.00-43.99 | 0.06-0.24 | 0.08-0.24 | **0.08-0.24** | 0.08-0.24 |
| | | | | | | 44.00-52.99 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | | | | | | 53.00-63.50 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | P2.1.Z.AN (02.1) | Laaggelegeerd staal (niet-gehard) | 150-260 | 4324 | 180-305 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | 4334 | 150-250 | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | 4344 | 115-190 | 16.50-19.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.24 | 0.06-0.24 | **0.06-0.24** | 0.06-0.24 |
| | | | | | | 36.00-43.99 | 0.06-0.24 | 0.06-0.24 | **0.06-0.24** | 0.06-0.24 |
| | | | | | | 44.00-52.99 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | | | | | | 53.00-63.50 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | P2.5.Z.HT (02.2) | Gehard staal | 220-450 | 4324 | 90-245 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | 4334 | 85-195 | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | 4344 | 75-150 | 16.50-19.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.24 | 0.06-0.24 | **0.06-0.24** | 0.06-0.24 |
| | | | | | | 36.00-43.99 | 0.06-0.24 | 0.06-0.24 | **0.06-0.24** | 0.06-0.24 |
| | | | | | | 44.00-52.99 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | | | | | | 53.00-63.50 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |

Opmerking: Vette tekst is aanbevolen geometrie
De centrum wisselplaat is altijd 1044.

# CoroDrill® 880

**2 – 3 x DC**

| ISO | MC Nr. | Materiaal | Hardheid Brinell HB | Soort | Snijsnelheid (m/min) | Boordiameter $D_c$ mm | Geometrie / Voeding Boordiepte 2-3xD -LM $f_n$ mm/omw | -GM $f_n$ mm/omw | -GR $f_n$ mm/omw | -GT $f_n$ mm/omw |
|---|---|---|---|---|---|---|---|---|---|---|
| P | P3.0.Z.AN (03.11) | Hooggelegeerd staal (gegloeid) | 150-250 | 4324<br>4334<br>4044 | 160-280<br>130-240<br>100-170 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | | | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | | | 16.50-19.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.24 | 0.06-0.24 | **0.06-0.24** | 0.06-0.24 |
| | | | | | | 36.00-43.99 | 0.06-0.24 | 0.06-0.24 | **0.06-0.24** | 0.06-0.24 |
| | | | | | | 44.00-52.99 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | | | | | | 53.00-63.50 | 0.10-0.24 | 0.10-0.24 | **0.10-0.24** | 0.10-0.24 |
| | P3.0.Z.HT (03.21) | Gehard staal | 250-350 | 4324<br>4334<br>4044 | 80-210<br>75-175<br>70-125 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | | | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | | | 16.50-19.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.20 | 0.06-0.20 | **0.06-0.20** | 0.06-0.20 |
| | | | | | | 36.00-43.99 | 0.06-0.22 | 0.06-0.22 | **0.06-0.22** | 0.06-0.22 |
| | | | | | | 44.00-52.99 | 0.10-0.22 | 0.10-0.22 | **0.10-0.22** | 0.10-0.22 |
| | | | | | | 53.00-63.50 | 0.10-0.22 | 0.10-0.22 | **0.10-0.22** | 0.10-0.22 |
| | 06.1 | Gietstaal (ongelegeerd) | 90-225 | 4324<br>4334<br>4044 | 140-365<br>135-265<br>125-190 | 12.00-13.99 | 0.04-0.08 | | | |
| | | | | | | 14.00-16.49 | 0.04-0.08 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 |
| | | | | | | 16.50-19.99 | 0.04-0.08 | 0.04-0.08 | **0.04-0.08** | 0.04-0.08 |
| | | | | | | 20.00-23.99 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | | | 24.00-29.99 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | | | 30.00-35.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 36.00-43.99 | 0.06-0.14 | 0.06-0.14 | **0.06-0.14** | 0.06-0.14 |
| | | | | | | 44.00-52.99 | 0.08-0.14 | 0.08-0.14 | **0.08-0.14** | 0.08-0.14 |
| | | | | | | 53.00-63.50 | 0.08-0.14 | 0.08-0.14 | **0.08-0.14** | 0.08-0.14 |
| | P1.5.C.UT (06.2) | Laaggelegeerd (legeringselementen minder dan 5%) | 150-250 | 4324<br>4334<br>4044 | 110-265<br>105-210<br>100-150 | 12.00-13.99 | 0.04-0.10 | | | |
| | | | | | | 14.00-16.49 | 0.04-0.10 | 0.04-0.10 | **0.04-0.10** | 0.04-0.10 |
| | | | | | | 16.50-19.99 | 0.04-0.14 | 0.04-0.14 | **0.04-0.14** | 0.04-0.14 |
| | | | | | | 20.00-23.99 | 0.06-0.18 | 0.06-0.18 | **0.06-0.18** | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | 0.08-0.18 | **0.08-0.18** | 0.08-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.20 | 0.06-0.20 | **0.06-0.20** | 0.06-0.20 |
| | | | | | | 36.00-43.99 | 0.06-0.22 | 0.06-0.22 | **0.06-0.22** | 0.06-0.22 |
| | | | | | | 44.00-52.99 | 0.10-0.22 | 0.10-0.22 | **0.10-0.22** | 0.10-0.22 |
| | | | | | | 53.00-63.50 | 0.10-0.22 | 0.10-0.22 | **0.10-0.22** | 0.10-0.22 |

Opmerking: Vette tekst is aanbevolen geometrie
De centrum wisselplaat is altijd 1044.

# CoroDrill® 880

**2 – 3 x DC**

| ISO | MC Nr. | Materiaal | Hardheid Brinell HB | Soort | Snijsnelheid (m/min) | Boordiameter $D_c$ mm | Geometrie/ voeding ($f_n$ mm/omw.) Boordiepte 2-3xD -LM | -MS[1] | -GM | -GR | -GT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M | P5.0.Z.AN (05.11) | Roestvrij staal ferritisch / martensitisch 13-25% Cr | 150-270 | 4324 | 120-280 | 12.00-13.99 | 0.04-0.12 | **0.04-0.12** | | 0.04-0.08 | |
| | | | | 4334 | 115-225 | 14.00-16.49 | 0.04-0.14 | **0.04-0.14** | 0.04-0.08 | 0.04-0.08 | 0.04-0.14 |
| | | | | 4344 | 115-175 | 16.50-19.99 | 0.06-0.16 | **0.06-0.16** | 0.04-0.08 | 0.04-0.08 | 0.06-0.16 |
| | | | | 2044 | 115-165 | 20.00-23.99 | 0.06-0.18 | **0.06-0.18** | 0.06-0.14 | 0.06-0.14 | 0.06-0.18 |
| | | | | | | 24.00-29.99 | 0.06-0.18 | **0.06-0.18** | 0.06-0.14 | 0.06-0.14 | 0.06-0.18 |
| | | | | | | 30.00-35.99 | 0.06-0.20 | **0.06-0.20** | 0.06-0.16 | 0.06-0.16 | 0.06-0.20 |
| | | | | | | 36.00-43.99 | 0.06-0.20 | **0.06-0.20** | 0.06-0.16 | 0.06-0.16 | 0.10-0.24 |
| | | | | | | 44.00-52.99 | 0.10-0.24 | **0.10-0.24** | 0.10-0.18 | 0.10-0.18 | 0.10-0.24 |
| | | | | | | 53.00-63.50 | 0.10-0.24 | **0.10-0.24** | 0.10-0.18 | 0.10-0.18 | 0.10-0.24 |
| | M1.0.Z.AQ (05.21) | Austenietisch Ni > 8%, 13-25% Cr | 150-275 | 4324 | 120-265 | 12.00-13.99 | 0.04-0.12 | **0.04-0.12** | | 0.04-0.08 | |
| | | | | 4334 | 115-225 | 14.00-16.49 | 0.04-0.14 | **0.04-0.14** | 0.04-0.08 | 0.04-0.08 | 0.04-0.14 |
| | | | | 4344 | 115-190 | 16.50-19.99 | 0.06-0.14 | **0.06-0.14** | 0.04-0.08 | 0.04-0.08 | 0.06-0.14 |
| | | | | 2044 | 115-180 | 20.00-23.99 | 0.06-0.16 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.16 |
| | | | | | | 24.00-29.99 | 0.06-0.16 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.16 |
| | | | | | | 30.00-35.99 | 0.06-0.18 | **0.06-0.18** | 0.06-0.16 | 0.06-0.16 | 0.06-0.20 |
| | | | | | | 36.00-43.99 | 0.06-0.20 | **0.06-0.20** | 0.06-0.16 | 0.06-0.16 | 0.06-0.20 |
| | | | | | | 44.00-52.99 | 0.10-0.20 | **0.10-0.20** | 0.10-0.16 | 0.10-0.16 | 0.10-0.20 |
| | | | | | | 53.00-63.50 | 0.10-0.20 | **0.10-0.20** | 0.10-0.16 | 0.10-0.16 | 0.10-0.20 |
| | M3.1.Z.AQ (05.51) M3.2.Z.AQ (05.52) | Austenietisch / ferrietisch (Duplex) | 200-320 | 4324 | 90-155 | 12.00-13.99 | 0.04-0.12 | **0.04-0.12** | | 0.04-0.08 | |
| | | | | 4334 | 85-145 | 14.00-16.49 | 0.04-0.14 | **0.04-0.14** | 0.04-0.08 | 0.04-0.08 | 0.04-0.14 |
| | | | | 4344 | 85-130 | 16.50-19.99 | 0.06-0.14 | **0.06-0.14** | 0.04-0.08 | 0.04-0.08 | 0.06-0.14 |
| | | | | 2044 | 85-125 | 20.00-23.99 | 0.06-0.16 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.16 |
| | | | | | | 24.00-29.99 | 0.06-0.16 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.16 |
| | | | | | | 30.00-35.99 | 0.06-0.18 | **0.06-0.18** | 0.06-0.16 | 0.06-0.16 | 0.06-0.18 |
| | | | | | | 36.00-43.99 | 0.06-0.20 | **0.06-0.20** | 0.06-0.16 | 0.06-0.16 | 0.06-0.20 |
| | | | | | | 44.00-52.99 | 0.10-0.20 | **0.10-0.20** | 0.10-0.16 | 0.10-0.16 | 0.10-0.20 |
| | | | | | | 53.00-63.50 | 0.10-0.20 | **0.10-0.20** | 0.10-0.16 | 0.10-0.16 | 0.10-0.20 |
| | M1.0.C.UT (15.21) | Austenietisch gietstaal | 150-250 | 4324 | 150-210 | 12.00-13.99 | 0.04-0.12 | **0.04-0.12** | | 0.04-0.08 | |
| | | | | 4334 | 115-185 | 14.00-16.49 | 0.04-0.12 | **0.04-0.12** | 0.04-0.08 | 0.04-0.08 | 0.04-0.12 |
| | | | | 4344 | 80-165 | 16.50-19.99 | 0.06-0.14 | **0.06-0.14** | 0.04-0.08 | 0.04-0.08 | 0.06-0.14 |
| | | | | 2044 | 80-155 | 20.00-23.99 | 0.06-0.16 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.16 |
| | | | | | | 24.00-29.99 | 0.06-0.16 | **0.06-0.16** | 0.06-0.12 | 0.06-0.12 | 0.06-0.16 |
| | | | | | | 30.00-35.99 | 0.06-0.18 | **0.06-0.18** | 0.06-0.16 | 0.06-0.16 | 0.06-0.18 |
| | | | | | | 36.00-43.99 | 0.06-0.20 | **0.06-0.20** | 0.06-0.16 | 0.06-0.16 | 0.06-0.20 |
| | | | | | | 44.00-52.99 | 0.10-0.20 | **0.10-0.20** | 0.10-0.16 | 0.10-0.16 | 0.10-0.20 |
| | | | | | | 53.00-63.50 | 0.10-0.20 | **0.10-0.20** | 0.10-0.16 | 0.10-0.16 | 0.10-0.20 |
| S | S2.0.Z.AN (20.21) S2.0.Z.AG (20.22) S2.0.C.NS (20.24) | Hittebestendige legeringen. Nikkelbasis | 140-425 | 4344 | 20-95 | 12.00-13.99 | **0.04-0.08** | 0.04-0.08 | | 0.04-0.08 | |
| | | | | H13A | 15-90 | 14.00-16.49 | **0.04-0.08** | 0.04-0.08 | 0.04-0.10 | 0.04-0.08 | 0.04-0.08 |
| | | | | 2044 | 20-90 | 16.50-19.99 | **0.05-0.08** | 0.05-0.08 | 0.05-0.10 | 0.05-0.08 | 0.05-0.08 |
| | | | | | | 20.00-23.99 | **0.05-0.08** | 0.05-0.08 | 0.05-0.10 | 0.05-0.08 | 0.05-0.08 |
| | | | | | | 24.00-29.99 | **0.06-0.10** | 0.06-0.10 | 0.06-0.12 | 0.06-0.08 | 0.05-0.08 |
| | | | | | | 30.00-35.99 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 |
| | | | | | | 36.00-43.99 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 |
| | | | | | | 44.00-52.99 | **0.06-0.12** | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 | 0.06-0.12 |
| | | | | | | 53.00-63.50 | **0.08-0.14** | 0.08-0.14 | 0.06-0.14 | 0.08-0.12 | 0.08-0.14 |
| | S4.2.Z.AN (23.21) S4.3.Z.AG (23.22) | Titanium: Alfa-, bijna Alfa- en Alfa + Beta legeringen in gegloeide conditie?? Titanium: Alfa + Beta legeringen in veredelde conditie, Beta legeringen in gegloeide of veredelde conditie | Rm (Mpa) 600-1500 | 4344 | 40-145 | 12.00-13.99 | **0.04-0.14** | 0.04-0.14 | | 0.04-0.10 | |
| | | | | H13A | 40-135 | 14.00-16.49 | **0.06-0.14** | 0.06-0.14 | 0.06-0.12 | 0.06-0.10 | 0.06-0.10 |
| | | | | 2044 | 40-135 | 16.50-19.99 | **0.08-0.16** | 0.08-0.16 | 0.08-0.14 | 0.08-0.12 | 0.08-0.12 |
| | | | | | | 20.00-23.99 | **0.08-0.16** | 0.08-0.16 | 0.08-0.14 | 0.08-0.12 | 0.08-0.12 |
| | | | | | | 24.00-29.99 | **0.12-0.18** | 0.12-0.18 | 0.10-0.16 | 0.10-0.14 | 0.10-0.14 |
| | | | | | | 30.00-35.99 | **0.12-0.18** | 0.12-0.18 | 0.10-0.18 | 0.10-0.16 | 0.12-0.18 |
| | | | | | | 36.00-43.99 | **0.12-0.18** | 0.12-0.18 | 0.10-0.18 | 0.10-0.16 | 0.12-0.18 |
| | | | | | | 44.00-52.99 | **0.12-0.18** | 0.12-0.18 | 0.10-0.18 | 0.10-0.16 | 0.12-0.18 |
| | | | | | | 53.00-63.50 | **0.14-0.20** | 0.14-0.20 | 0.14-0.20 | 0.12-0.16 | 0.14-0.20 |

Opmerking: Vette tekst is aanbevolen geometrie

[1] -MS geometrie is uitsluitend leverbaar in GC2044

GC1044 is de universele centrumwisselplaat hardmetaalsoort voor alle materialen

GC1144 is de geoptimaliseerde centrumwisselplaat hardmetaalsoort voor ISO M materialen



SANDVIK Coromant

# CoroDrill® 880

**2 – 3 x DC**

| ISO | MC Nr. | Materiaal | Hardheid Brinell HB | Soort | Snijsnelheid (m/min) | Boordiameter $D_c$ mm | Geometrie / Voeding Boordiepte 2-3xD -LM $f_n$ mm/omw. | -GM $f_n$ mm/omw. | -GR $f_n$ mm/omw. | -GT $f_n$ mm/omw. |
|---|---|---|---|---|---|---|---|---|---|---|
| K | K1.1.C.NS (07.1) | Smeedbaar gietijzer ferrietisch (kortspanig) | 110-145 | 4324 | 140-245 | 12.00-13.99 | | | | |
| | | | | | | 14.00-16.49 | 0.06-0.10 | 0.06-0.12 | **0.06-0.20** | |
| | | | | | | 16.50-19.99 | 0.06-0.12 | 0.08-0.14 | **0.08-0.22** | 0.08 - 0.22 |
| | | | | | | 20.00-23.99 | 0.08-0.14 | 0.10-0.18 | **0.14-0.28** | 0.10 - 0.26 |
| | | | | 4334 | 110-200 | 24.00-29.99 | 0.08-0.14 | 0.10-0.20 | **0.16-0.32** | |
| | | | | 4344 | 80-155 | 30.00-35.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 36.00-43.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.34** | |
| | | | | | | 44.00-52.99 | 0.12-0.18 | 0.12-0.22 | **0.12-0.34** | |
| | | | | | | 53.00-63.50 | | | | |
| | K1.1.C.NS (07.2) | Perlietisch (langspanig) | 150-270 | 4324 | 105-180 | 12.00-13.99 | | | | |
| | | | | | | 14.00-16.49 | 0.06-0.10 | 0.06-0.12 | **0.06-0.16** | |
| | | | | | | 16.50-19.99 | 0.06-0.12 | 0.08-0.14 | **0.08-0.18** | 0.08 - 0.18 |
| | | | | | | 20.00-23.99 | 0.08-0.14 | 0.10-0.16 | **0.10-0.24** | 0.10 - 0.24 |
| | | | | 4334 | 85-150 | 24.00-29.99 | 0.08-0.14 | 0.10-0.18 | **0.10-0.28** | |
| | | | | 4344 | 65-110 | 30.00-35.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.30** | |
| | | | | | | 36.00-43.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 44.00-52.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 53.00-63.50 | | | | |
| | K2.1.C.UT (08.1) | Grijs gietijzer: met lage treksterkte | 150-220 | 4324 | 210-325 | 12.00-13.99 | | | | |
| | | | | | | 14.00-16.49 | 0.06-0.10 | 0.06-0.12 | **0.06-0.20** | |
| | | | | | | 16.50-19.99 | 0.06-0.12 | 0.08-0.14 | **0.08-0.22** | 0.08 - 0.22 |
| | | | | | | 20.00-23.99 | 0.08-0.14 | 0.10-0.18 | **0.10-0.28** | 0.10 - 0.28 |
| | | | | 4334 | 170-270 | 24.00-29.99 | 0.08-0.14 | 0.10-0.20 | **0.10-0.32** | |
| | | | | 4344 | 130-205 | 30.00-35.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 36.00-43.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.34** | |
| | | | | | | 44.00-52.99 | 0.12-0.18 | 0.12-0.22 | **0.12-0.34** | |
| | | | | | | 53.00-63.50 | | | | |
| | K2.2.C.UT (08.2) | Hoge treksterkte | 200-330 | 4324 | 125-245 | 12.00-13.99 | | | | |
| | | | | | | 14.00-16.49 | 0.06-0.10 | 0.06-0.12 | **0.06-0.16** | |
| | | | | | | 16.50-19.99 | 0.06-0.12 | 0.08-0.14 | **0.08-0.18** | 0.08 - 0.18 |
| | | | | | | 20.00-23.99 | 0.08-0.14 | 0.10-0.16 | **0.10-0.24** | 0.10 - 0.24 |
| | | | | 4334 | 100-195 | 24.00-29.99 | 0.08-0.14 | 0.10-0.18 | **0.10-0.28** | |
| | | | | 4344 | 75-150 | 30.00-35.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.30** | |
| | | | | | | 36.00-43.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 44.00-52.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 53.00-63.50 | | | | |
| | K3.1.C.UT (09.1) | Nodulair gietijzer (ferritisch) | 150-230 | 4324 | 125-225 | 12.00-13.99 | | | | |
| | | | | | | 14.00-16.49 | 0.06-0.10 | 0.06-0.12 | **0.08-0.16** | |
| | | | | | | 16.50-19.99 | 0.06-0.12 | 0.08-0.14 | **0.10-0.18** | 0.08 - 0.18 |
| | | | | | | 20.00-23.99 | 0.08-0.14 | 0.10-0.16 | **0.12-0.24** | 0.10 - 0.24 |
| | | | | 4334 | 100-185 | 24.00-29.99 | 0.08-0.14 | 0.10-0.18 | **0.14-0.28** | |
| | | | | 4344 | 80-145 | 30.00-35.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.30** | |
| | | | | | | 36.00-43.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 44.00-52.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 53.00-63.50 | | | | |
| | K3.3.C.UT (09.2) | Perlietisch | 200-330 | 4324 | 110-210 | 12.00-13.99 | | | | |
| | | | | | | 14.00-16.49 | 0.06-0.10 | 0.06-0.12 | **0.08-0.16** | |
| | | | | | | 16.50-19.99 | 0.06-0.12 | 0.08-0.14 | **0.10-0.18** | 0.08 - 0.18 |
| | | | | | | 20.00-23.99 | 0.08-0.14 | 0.10-0.16 | **0.12-0.24** | 0.10 - 0.24 |
| | | | | 4334 | 90-175 | 24.00-29.99 | 0.08-0.14 | 0.10-0.18 | **0.14-0.28** | |
| | | | | 4344 | 70-130 | 30.00-35.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.30** | |
| | | | | | | 36.00-43.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 44.00-52.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | | | 53.00-63.50 | | | | |

Opmerking: Vette tekst is aanbevolen geometrie
De centrum wisselplaat is altijd 1044.

# CoroDrill® 880

**2 – 3 x DC**

| ISO | MC Nr. | Materiaal | Hardheid Brinell | Soort | Snijsnelheid | Boordiameter | Geometrie / Voeding Boordiepte 2-3xD -LM | -GM | -GR | -GT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | HB | | (m/min) | $D_c$ mm | $f_n$ mm/omw. | $f_n$ mm/omw. | $f_n$ mm/omw. | $f_n$ mm/omw. |
| H | H1.3.Z.HA (04.1) | Gehard en ontlaten | 47-65 (HRC) | 4324 | 30-85 | 12.00-13.99 | 0.10-0.16 | 0.10-0.20 | **0.10-0.32** | |
| | | | | 4334 | 30-85 | 14.00-16.49 | 0.04-0.08 | **0.04-0.12** | 0.04-0.08 | 0.04 - 0.08 |
| | | | | 4344 | 30-85 | 16.50-19.99 | 0.05-0.12 | **0.06-0.14** | 0.05-0.12 | 0.05 - 0.12 |
| | | | | | | 20.00-23.99 | 0.05-0.14 | **0.06-0.18** | 0.05-0.14 | 0.05 - 0.14 |
| | | | | | | 24.00-29.99 | 0.05-0.14 | **0.06-0.18** | 0.05-0.14 | 0.05 - 0.14 |
| | | | | | | 30.00-35.99 | 0.06-0.16 | **0.06-0.20** | 0.06-0.16 | |
| | | | | | | 36.00-43.99 | 0.06-0.16 | **0.06-0.20** | 0.06-0.16 | |
| | | | | | | 44.00-52.99 | 0.10-0.16 | **0.10-0.20** | 0.10-0.16 | |
| | | | | | | 53.00-63.50 | | | | |
| N | N1.2.Z.AG (30.12) | Al.-legeringen gesmeed of gesmeed en gehard | 30-150 | 4344 | 300-405 | 12.00-13.99 | 0.04-0.08 | | 0.04-0.08 | |
| | | | | H13A | 300-400 | 14.00-16.49 | **0.04-0.14** | 0.04-0.12 | 0.04-0.12 | 0.04-0.12 |
| | | | | | | 16.50-19.99 | **0.04-0.16** | 0.04-0.14 | 0.04-0.14 | 0.04 - 0.14 |
| | | | | | | 20.00-23.99 | **0.06-0.18** | 0.06-0.16 | 0.06-0.16 | 0.06 - 0.16 |
| | | | | | | 24.00-29.99 | **0.10-0.20** | 0.10-0.18 | 0.10-0.18 | 0.10-0.18 |
| | | | | | | 30.00-35.99 | **0.10-0.25** | 0.10-0.20 | 0.10-0.20 | |
| | | | | | | 36.00-43.99 | **0.10-0.25** | 0.10-0.20 | 0.10-0.20 | |
| | | | | | | 44.00-52.99 | **0.12-0.28** | 0.12-0.22 | 0.12-0.22 | |
| | | | | | | 53.00-63.50 | 0.12-0.28 | 0.12-0.22 | 0.12-0.22 | |
| | N1.3.C.UT (30.21) | Gegoten, niet-veredeld | 40-100 | 4344 | 300-405 | 12.00-13.99 | 0.04-0.12 | | 0.04-0.12 | |
| | | | | H13A | 300-400 | 14.00-16.49 | **0.04-0.12** | 0.04-0.14 | 0.04-0.12 | 0.04-0.12 |
| | | | | | | 16.50-19.99 | **0.04-0.14** | 0.04-0.16 | 0.04-0.14 | 0.04 - 0.14 |
| | | | | | | 20.00-23.99 | **0.06-0.16** | 0.06-0.18 | 0.06-0.16 | 0.06 - 0.16 |
| | | | | | | 24.00-29.99 | **0.10-0.18** | 0.10-0.20 | 0.10-0.18 | 0.10-0.18 |
| | | | | | | 30.00-35.99 | **0.10-0.20** | 0.10-0.22 | 0.10-0.20 | |
| | | | | | | 36.00-43.99 | **0.10-0.20** | 0.10-0.24 | 0.10-0.20 | |
| | | | | | | 44.00-52.99 | **0.12-0.22** | 0.12-0.26 | 0.12-0.22 | |
| | | | | | | 53.00-63.50 | 0.12-0.22 | 0.12-0.26 | 0.12-0.22 | |
| | N1.3.C.AG (30.22) | Gegoten of gegoten en veredeld | 70-140 | 4344 | 250-350 | 12.00-13.99 | 0.04-0.12 | | 0.04-0.12 | |
| | | | | H13A | 250-350 | 14.00-16.49 | **0.04-0.12** | 0.04-0.14 | 0.04-0.12 | 0.04-0.12 |
| | | | | | | 16.50-19.99 | **0.04-0.14** | 0.04-0.16 | 0.04-0.14 | 0.04 - 0.14 |
| | | | | | | 20.00-23.99 | **0.06-0.16** | 0.06-0.18 | 0.06-0.16 | 0.06 - 0.16 |
| | | | | | | 24.00-29.99 | **0.10-0.18** | 0.10-0.20 | 0.10-0.18 | 0.10-0.18 |
| | | | | | | 30.00-35.99 | **0.10-0.20** | 0.10-0.22 | 0.10-0.20 | |
| | | | | | | 36.00-43.99 | **0.10-0.20** | 0.10-0.24 | 0.10-0.20 | |
| | | | | | | 44.00-52.99 | **0.12-0.22** | 0.12-0.26 | 0.12-0.22 | |
| | | | | | | 53.00-63.50 | 0.12-0.22 | 0.12-0.26 | 0.12-0.22 | |
| | N3.3.U.UT (33.1) | Koper en koperlegeringen | 70-160 | 4344 | 250-400 | 12.00-13.99 | 0.04-0.14 | | 0.04-0.12 | |
| | | | | H13A | 250-400 | 14.00-16.49 | **0.04-0.14** | 0.04-0.12 | 0.04-0.12 | 0.04-0.12 |
| | | | | | | 16.50-19.99 | **0.04-0.16** | 0.04-0.14 | 0.04-0.14 | 0.04 - 0.14 |
| | | | | | | 20.00-23.99 | **0.06-0.18** | 0.06-0.16 | 0.06-0.16 | 0.06 - 0.16 |
| | | | | | | 24.00-29.99 | **0.10-0.20** | 0.10-0.18 | 0.10-0.18 | 0.10-0.18 |
| | | | | | | 30.00-35.99 | **0.10-0.25** | 0.10-0.20 | 0.10-0.20 | |
| | | | | | | 36.00-43.99 | **0.10-0.25** | 0.10-0.20 | 0.10-0.20 | |
| | | | | | | 44.00-52.99 | **0.12-0.28** | 0.12-0.22 | 0.12-0.22 | |
| | | | | | | 53.00-63.50 | 0.12-0.28 | 0.12-0.22 | 0.12-0.22 | |
| | N3.2.C.UT (33.2) | Messing- en loodlegeringen (Pb < 1%) | 50-200 | 4344 | 180-240 | 12.00-13.99 | 0.04-0.14 | | 0.04-0.12 | |
| | | | | H13A | 180-240 | 14.00-16.49 | **0.04-0.14** | 0.04-0.12 | 0.04-0.12 | 0.04-0.12 |
| | | | | | | 16.50-19.99 | **0.04-0.16** | 0.04-0.14 | 0.04-0.14 | 0.04 - 0.14 |
| | | | | | | 20.00-23.99 | **0.06-0.18** | 0.06-0.16 | 0.06-0.16 | 0.06 - 0.16 |
| | | | | | | 24.00-29.99 | **0.10-0.20** | 0.10-0.18 | 0.10-0.18 | 0.10-0.18 |
| | | | | | | 30.00-35.99 | **0.10-0.25** | 0.10-0.20 | 0.10-0.20 | |
| | | | | | | 36.00-43.99 | **0.10-0.25** | 0.10-0.20 | 0.10-0.20 | |
| | | | | | | 44.00-52.99 | **0.12-0.28** | 0.12-0.22 | 0.12-0.22 | |
| | | | | | | 53.00-63.50 | 0.12-0.28 | 0.12-0.22 | 0.12-0.22 | |

Opmerking: Vette tekst is aanbevolen geometrie
De centrum wisselplaat is altijd 1044.



SANDVIK Coromant

# Opboor-gereedschap

| ISO | CMC nr. | Materiaal | Hardheid Brinell HB | Boordiam. $D_c$ mm | Voeding $f_n$ mm/omw | Snijsnelheid $vc$ m/min | Geometrie/ hardmetaalsoort |
|---|---|---|---|---|---|---|---|
| P | | **Ongelegeerd staal** | | | | | |
| | **01.0** | Ongehard 0,05-0,10% C | 80-170 | | 0.07–0.10 | 250-345 | -58/3040 |
| | **01.1** | Ongehard 0,05-0,25% C | 90–200 | | 0.07–0.12 | 225-315 | -58/3040 |
| | **01.2** | Ongehard 0,25–0,55% C | 125–225 | | | | |
| | **01.3** | Ongehard 0,55-0,80% C | 150–250 | 60-110 | 0.10-0.20 | 130-210 | -53/3040 |
| | **01.4** | Staal met hoog koolstofgehalte en koolstofstaal | 180–275 | | | | |
| | | **Laaggelegeerd staal** | | | | | |
| | **02.1** | Ongehard | 150–260 | 60-110 | 0.11-0.18 | 145-210 | -53/3040 |
| | **02.2** | Gehard | 220–400 | | 0.10–0.20 | 100-165 | |
| | | **Hooggelegeerd staal** | | | | | |
| | **03.11** | Gegloeid | 50–250 | | 0.10–0.20 | 125-200 | |
| | **03.13** | Gegloeid HSS | | 60-110 | | | -53/3040 |
| | **03.21** | Gehard gereedschapsstaal | 250–450 | | 0.11–0.18 | 90-145 | |
| | **03.22** | Gehard staal | | | | | |
| | | **Gietstaal** | | | | | |
| | **06.1** | Ongelegeerd | 90–225 | 60-110 | 0.06–0.12 | 195-280 | -58/3040 |
| | **06.2** | Laaggelegeerd (legeringselementen ≤ 5%) | 150–250 | | 0.11–0.18 | 120-175 | -53/3040 |
| M | | **Roestvaststaal** | | | | | |
| | **05.1** | Ferrietisch, Martensietisch 13-25% Cr | 150–270 | 60-110 | 0.10–0.20 | 170-240 | -58/3040 |
| | **05.2** | Austenietisch Ni > 8% 13-25% Cr | 150–270 | 60-110 | 0.10–0.16 | 100-140 | -58/235 |
| K | | **Smeedbaar** | | | | | |
| | **07.1** | Ferrietisch (kortspanig) | 110–145 | 60-110 | 0.16-0.26 | 140-210 | -53/3040 |
| | **07.2** | Perlietisch (langspanig) | 150–270 | | 0.14-0.20 | 105-155 | |
| | | **Grijs gietijzer** | | | | | |
| | **08.1** | Lage treksterkte | 150–220 | 60-110 | 0.16-0.26 | 210-280 | -53/3040 |
| | **08.2** | Hoge treksterkte | 200-300 | | 0.14-0.20 | 125-210 | |
| | | **Nodulair gietijzer** | | | | | |
| | **09.1** | Ferrietisch | 125-230 | 60-110 | 0.14-0.20 | 125-195 | -53/3040 |
| | **09.2** | Ferrietisch | 200-300 | | 0.14-0.20 | 100-180 | |
| N | | **Aluminiumlegeringen** | | | | | |
| | **30.12** | Gesmeed of gesmeed en veredeld | 75-150 | | | | |
| | **30.21** | Gesmeed | 40-100 | 60-110 | 0.12-0.22 | 250-400 | -53/H13A |
| | **30.22** | Gegoten, met oploss. beh. en veredeld | 70-125 | | | | |
| | | **Koper en koperlegeringen** | | | | | |
| | **33.1** | Automatenlegeringen (Pb ≥ 1%) | 50-160 | 60-110 | 0.12-0.22 | 180-350 | -53/H13A |
| | **33.2** | Messing en loodhoudend brons, (Pb ≤ 1%) | | | | | |

# Coromant U wisselplaat plunge boor

| ISO | CMC nr. | Materiaal | Hardheid Brinell HB | Boordiam. $D_c$ mm | Voeding $f_n$ mm/omw | Snijsnelheid $vc$ m/min | Geometrie/hardmetaalsoort EERSTE KEUZE Hoogste productiviteit P | EERSTE KEUZE Hoogste productiviteit C | Aanvullend P | Aanvullend C |
|---|---|---|---|---|---|---|---|---|---|---|
| P | | **Ongelegeerd staal** | | 12.7–17.0 | 0.04–0.08 | 290 (230–380) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | 01.0 | Ongehard 0,05-0,10% C | 80-170 | 17.5–25.4 | 0.04–0.08 | | -53/3040 | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.05–0.08 | | -53/3040 | | -53/1020 | |
| | | | | 31.0–41.3 | 0.07–0.10 | | -53/3040 | | -53/1020 | |
| | | | | 42.0–80.0 | 0.08–0.12 | | -53/3040 | | -53/1020 | |
| | 01.1 | Ongehard 0,05-0,25% C | 90–200 | 12.7–17.0 | 0.04–0.08 | 270 (225–345) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.04–0.08 | | -53/3040 | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.05–0.10 | | -53/3040 | | -53/1020 | |
| | | | | 31.0–41.3 | 0.07–0.12 | | -53/3040 | | -53/1020 | |
| | | | | 42.0–80.0 | 0.08–0.14 | | -53/3040 | | -53/1020 | |
| | 01.2 | Ongehard 0,25–0,55% C | 125–225 | 12.7–17.0 | 0.04–0.10 | 230 (190–290) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.04–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.08–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.12–0.24 | | | | -53/1020 | |
| | 01.3 | Ongehard 0,55-0,80% C | 150–225 | 12.7–17.0 | 0.04–0.10 | 210 (170–275) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.08–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.12–0.24 | | | | -53/1020 | |
| | 01.4 | Staal met hoog koolstofgehalte en koolstofstaal | 180–275 | 12.7–17.0 | 0.04–0.10 | 210 (200–275) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.08–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.12–0.24 | | | | -53/1020 | |
| | | **Laaggelegeerd staal** | | 12.7–17.0 | 0.04–0.10 | 220 (180–290) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | 02.1 | Ongehard | 150–260 | 17.5–25.4 | 0.06–0.12 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.10–0.16 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.11–0.18 | | | | -53/1020 | |
| | | | | 42.0-80.0 | 0.12–0.22 | | | | -53/1020 | |
| | 02.2 | Gehard | 220–450 | 12.7–17.0 | 0.04–0.10 | 170 ( 90–230) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.10–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.12–0.24 | | | | -53/1020 | |
| | | **Hooggelegeerd staal** | | 12.7–17.0 | 0.04–0.08 | 180 (160–275) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | 03.11 | Gegloeid | 50–250 | 17.5–25.4 | 0.04–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.08–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.12–0.24 | | | | -53/1020 | |
| | 03.21 | Gehard staal | 250–450 | 12.7–17.0 | 0.04–0.10 | 130 ( 80–200) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.12 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.10–0.16 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.11–0.18 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.12–0.22 | | | | -53/1020 | |
| | | **Gietstaal** | | 12.7–17.0 | 0.04–0.08 | 200 (140–310) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | 06.1 | Ongelegeerd | 90–225 | 17.5–25.4 | 0.04–0.08 | | -53/3040 | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.05–0.10 | | -53/3040 | | -53/1020 | |
| | | | | 31.0–41.3 | 0.06–0.12 | | -53/3040 | | -53/1020 | |
| | | | | 42.0–80.0 | 0.07–0.14 | | -53/3040 | | -53/1020 | |
| | 06.2 | Laaggelegeerd (legeringselementen ≤ 5%) | 150–250 | 12.7–17.0 | 0.04–0.10 | 160 (110–250) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.12 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.10–0.16 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.11–0.18 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.12–0.22 | | | | -53/1020 | |
| M | | **Roestvaststaal** | | 12.7–17.0 | 0.04–0.10 | 170 (120–265) | 53/3040 | 53/1020 | 53/1120 | 53/1020 |
| | 05.11 | Ferrietisch, Martensietisch 13-25% Cr | 150–270 | 17.5–25.4 | 0.04–0.14 | | 53/3040 | | 53/1020 | |
| | | | | 26.0–30.0 | 0.08–0.18 | | 53/3040 | | 53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.20 | | 53/3040 | | 53/1020 | |
| | | | | 42.0–80.0 | 12–0.24 | | 53/3040 | | 53/1020 | |
| | 05.21 | Austenietisch Ni > 8% 13-25% Cr | 150–275 | 12.7–17.0 | 0.04–0.10 | 150 (120–250) | 53/3040 | 53/1020 | 53/1120 | 53/1020 |
| | | | | 17.5–25.4 | 0.04–0.12 | | 53/3040 | | 53/1020 | |
| | | | | 26.0–30.0 | 0.08–0.14 | | 53/3040 | | 53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.16 | | 53/3040 | | 53/1020 | |
| | | | | 42.0–80.0 | 0.11–0.18 | | 53/3040 | | 53/1020 | |
| | 05.51 05.52 | Austenietisch Ferrietisch (duplex) | 180–320 | 12.7–17.0 | 0.04–0.10 | 110 ( 90–145) | 53/3040 | 53/1020 | 53/1120 | 53/1020 |
| | | | | 17.5–25.4 | 0.04–0.12 | | 53/3040 | | 53/1020 | |
| | | | | 26.0–30.0 | 0.08–0.14 | | 53/3040 | | 53/1020 | |
| | | | | 31.0–41.3 | 0.10–0.16 | | 53/3040 | | 53/1020 | |
| | | | | 42.0–80.0 | 0.11–0.18 | | 53/3040 | | 53/1020 | |

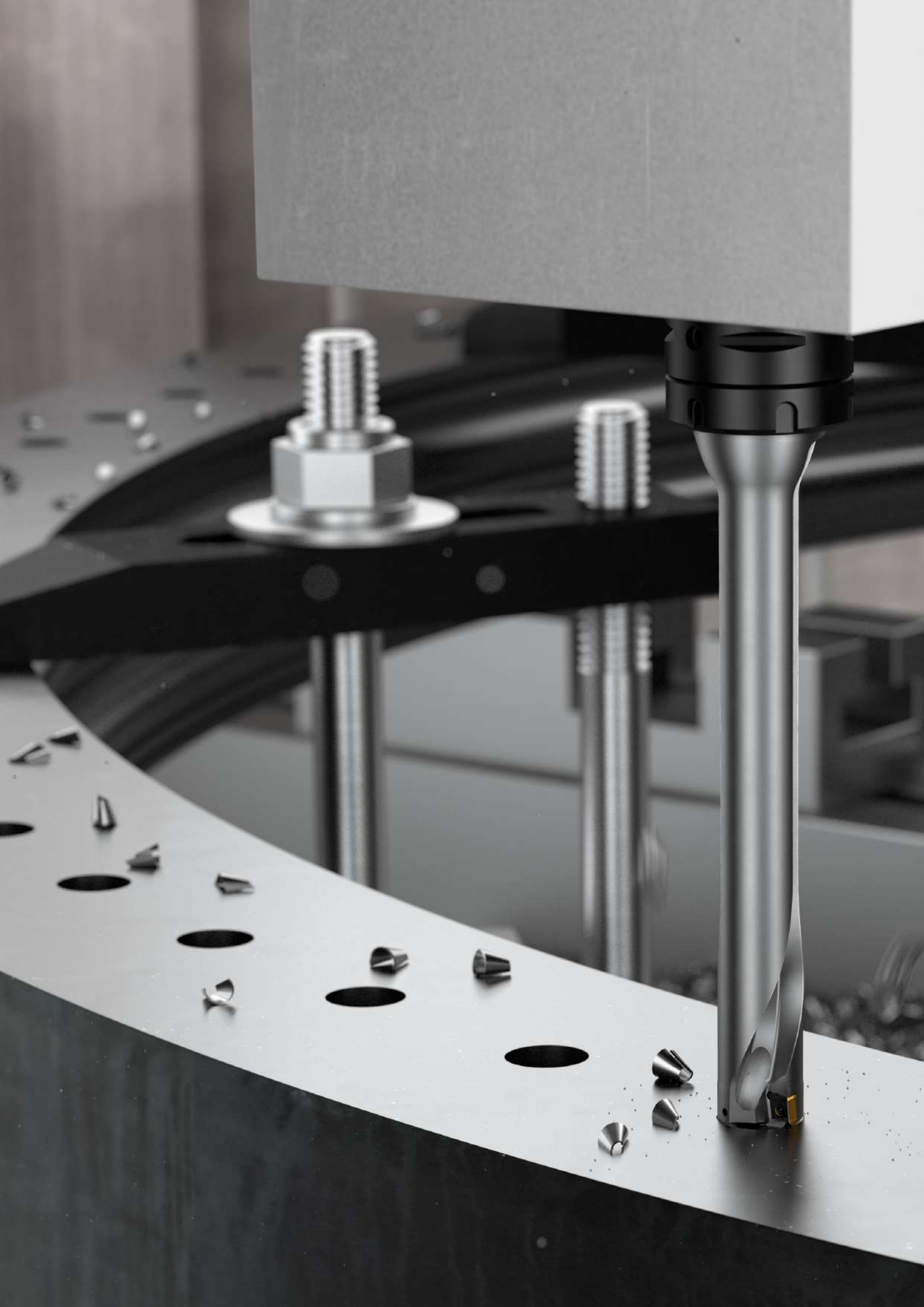
**Positionering van de wisselplaat:** C = Centrum, P = Omtrek

Wiper TECHNOLOGY -WM geometrie voor het bewerken van staal en gietijzer met hardheid < 200 HB in stabiele condities, verhoog de voeding (fn) met 50%. Voor eenvoudig te bewerken roestvaststaal in stabiele condities, verhoog de voeding (fn) met 25%.

# Coromant U wisselplaat plunge boor

| ISO | CMC nr. | Materiaal | Hardheid Brinell HB | Boordiam. $D_c$ mm | Voeding $f_n$ mm/omw | Snijsnelheid $vc$ m/min | Geometrie/hardmetaalsoort EERSTE KEUZE Hoogste productiviteit P | EERSTE KEUZE Hoogste productiviteit C | Aanvullend P | Aanvullend C |
|---|---|---|---|---|---|---|---|---|---|---|
| M | | **Roestvaststaal** | | 12.7–17.0 | 0.04–0.08 | | -53/1120 | | -53/1120 | -53/1020 |
| | 15.21 | Austenietisch gietstaal | 150–250 | 17.5–25.4 | 0.04–0.12 | | | -53/1020 | -53/1020 | |
| | | | | 26.0–30.0 | 0.05–0.12 | 110 ( 80–155) | -53/1020 | -53/1020 | -53/1020 | |
| | | | | 31.0–41.3 | 0.06–0.14 | | | -53/1020 | -53/1020 | |
| | | | | 42.0–80.0 | 0.06–0.14 | | | -53/1020 | -53/1020 | |
| S | | **Hittebestendige legeringen** | | 12.7–17.0 | 0.03–0.08 | | -53/1120 | | -53/1120 | -53/1020 |
| | 20.21 | Op Ni basis | 140–425 | 17.5–25.4 | 0.04–0.08 | | | -53/1020 | -53/1020 | |
| | 20.22 | | | 26.0–30.0 | 0.06–0.10 | 50 ( 20– 88) | -53/1020 | -53/1020 | -53/1020 | |
| | 20.24 | | | 31.0–41.3 | 0.08–0.12 | | | -53/1020 | -53/1020 | |
| | | | | 42.0–80.0 | 0.09–0.14 | | | -53/1020 | -53/1020 | |
| | | **Titaniumlegeringen** | | 12.7–17.0 | 0.04–0.10 | | -53/1120 | -53/1020 | -53/1120 | -53/1020 |
| | 23.21 | α, bijna α en α+β-legeringen. | 600–1500 | 17.5–25.4 | 0.08–0.14 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | 23.22 | Legeringen in gegloeide of geharde conditie | | 26.0–30.0 | 0.12–0.16 | 60 ( 40–132) | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 31.0–41.3 | 0.14–0.18 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 42.0–80.0 | 0.16–0.20 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| K | | **Smeedbaar gietijzer** | | 12.7–17.0 | 0.04–0.14 | 170 (140–230) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | 07.1 | Ferrietisch (kortspanig) | 110–145 | 17.5–25.4 | 0.10–0.18 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.14–0.20 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.16–0.26 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.18–0.28 | | | | -53/1020 | |
| | 07.2 | Perlietisch (langspanig) | 150–270 | 12.7–17.0 | 0.04–0.10 | 140 (105–170) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.08–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.12–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.14–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.15–0.22 | | | | -53/1020 | |
| | | **Grijs gietijzer** | | 12.7–17.0 | 0.04–0.14 | 250 (210–310) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | 08.1 | Lage trek- sterkte | 150–220 | 17.5–25.4 | 0.10–0.18 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.14–0.20 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.16–0.26 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.18–0.28 | | | | -53/1020 | |
| | 08.2 | Hoge trek- sterkte | 200–330 | 12.7–17.0 | 0.04–0.10 | 170 (125–230) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.08–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.12–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.14–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.15–0.22 | | | | -53/1020 | |
| | | **Nodulair gietijzer** | | 12.7–17.0 | 0.04–0.10 | 170 (125–215) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | 09.1 | Ferrietisch | 125–230 | 17.5–25.4 | 0.08–0.14 | | | | -53/1020 | T-53/1020 |
| | | | | 26.0–30.0 | 0.12–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.14–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.15–0.22 | | | | -53/1020 | |
| | 09.2 | Perlietisch | 200–300 | 12.7–17.0 | 0.04–0.10 | 150 (110–200) | -53/3040 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.08–0.14 | | | | -53/1020 | |
| | | | | 26.0–30.0 | 0.12–0.18 | | | | -53/1020 | |
| | | | | 31.0–41.3 | 0.14–0.20 | | | | -53/1020 | |
| | | | | 42.0–80.0 | 0.15–0.22 | | | | -53/1020 | |
| H | | **Extra hard staal** | | 12.7–17.0 | 0.05-0.08 | | | | | |
| | 04.1 | Gehard en ontlaten | 450 | 17.5–25.4 | 0.07-0.15 | | | | | |
| | | | | 26.0–30.0 | 0.07-0.15 | 40 (30-80) | -53/3040 | -53/1020 | -53/1020 | -53/1020 |
| | | | | 31.0–41.3 | 0.10-0.15 | | | | -53/1120 | |
| | | | | 42.0–80.0 | 0.10-0.15 | | | | | |
| N | | **Aluminiumlegeringen** | | 12.7–17.0 | 0.04–0.12 | 350 (300–440) | -53/1120 | -53/1020 | -53/1120 | -53/1020 |
| | 30.12 | Gesmeed of gesmeed en veredeld | 30–150 | 17.5–25.4 | 0.06–0.16 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 26.0–30.0 | 0.10–0.18 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 31.0–41.3 | 0.12–0.22 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 42.0–80.0 | 0.14–0.26 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | 30.21 | Gegoten, niet-veredeld | 40–100 | 12.7–17.0 | 0.04–0.12 | 150 ( 30–440) | -53/1120 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.16 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 26.0–30.0 | 0.10–0.18 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 31.0–41.3 | 0.12–0.22 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 42.0–80.0 | 0.14–0.26 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | 30.22 | Gegoten of gegoten en veredeld | 70–140 | 12.7–17.0 | 0.04–0.12 | 300 (250–385) | -53/1120 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.16 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 26.0–30.0 | 0.10–0.18 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 31.0–41.3 | 0.12–0.22 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 42.0–80.0 | 0.14–0.26 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | **Koper en koperlegeringen** | | 12.7–17.0 | 0.04–0.12 | 300 (250–385) | -53/1120 | -53/1020 | -53/1120 | -53/1020 |
| | 33.1 | Automatenlegeringen (Pb ≥ 1%) | 50–160 | 17.5–25.4 | 0.06–0.16 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 26.0–30.0 | 0.10–0.18 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 31.0–41.3 | 0.12–0.22 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 42.0–80.0 | 0.14–0.26 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | 33.2 | Messing en loodhoudende legeringen (Pb ≤ 1%) | 50–160 | 12.7–17.0 | 0.04–0.12 | 230 (180–265) | -53/1120 | -53/1020 | -53/1120 | -53/1020 |
| | | | | 17.5–25.4 | 0.06–0.16 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 26.0–30.0 | 0.10–0.18 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 31.0–41.3 | 0.12–0.22 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |
| | | | | 42.0–80.0 | 0.14–0.26 | | -53/H13A | -53/H13A | -53/H13A | -53/H13A |

**Positionering van de wisselplaat:** C = Centrum P = Omtrek



# Kotteren


Voorkotteren K3

CoroBore® BR10 K4

CoroBore® BR20 K6

CoroBore® BR30 K17

CoroBore® 820 XL K23

Fijnkotteren K34

391.37A/B kotterbaren en fijnboorkop K38

CoroBore® 824 K35

CoroBore™ 825 K43

CoroBore® 826 K44

CoroBore® 825 XL K53

CoroBore® 826 XL K53

Kopsteken K66

CoroCut® MB-adapter K67

CoroBore® 825 SL K68

SpiroGrooving™ K71

Interpolatie draaien K74

Adapters K76

CoroBore® cassettes voor kotteren K78

# Hoe kiest u het juiste kottergereedschap

## Identificeer gereedschapsconcepten

**1**

- Definieer het toepassingstype
- Bepaal uw toepassingstype: voorbewerken, nabewerken of kopsteken. Kijk naar de karakteristieken van het te bewerken gat, beperkingen, materiaal en de machine.
- Kies een kottersysteem
- Bepaal uw bewerkingstype: kotteren met meerdere snijkanten, kotteren met één snijkant, getrapt kotteren, trekkend kotteren of uitwendig kotteren om het beschikbare diameterbereik en de vereiste toebehoren te vinden.

**N.B.: Probeer altijd de grootst mogelijke koppeling te gebruiken. Vergeet niet het opgenomen vermogen en het benodigde koppel van de toepassing te berekenen.**

## Selecteer een wisselplaat

**2**

- Kies de wisselplaten op basis van uw gatvereisten: bepaal instelhoek en wisselplaattype. Specifieke kotterwisselplaten staan hier in het hoofdstuk over kotteren. ISO-wisselplaten staan in het algemene hoofdstuk over draaien van de draaigereedschappencatalogus.
- Voor informatie over de startaanbevelingen en aanbevolen wisselplaten voor kotteren, zie pagina K91.

## Selectie van gereedschapssysteem componenten

**3**

- Zoek, indien nodig, de complete selectie van machinekoppeling adapters, extensies en reducties om uw modulaire montage op te bouwen, zie pagina L2.
- Probeer altijd de gereedschappen zo kort mogelijk te houden.

## Kottergereedschapscomponenten

- Meegeleverde onderdelen en extra componenten zijn te vinden op www.sandvik.coromant.com

## Toebehoren en onderdelen

- Gerelateerde toebehoren en onderdelen voor alle kottergereedschapsseries zijn te vinden op www.sandvik.coromant.com

# Hoe een kopsteekgereedschap te kiezen

## Selecteer uw gereedschap

**1**

- Het gereedschap zonder SL-kop en wisselplaat wordt afhankelijk van uw eisen ten aanzien van diameter en koppeling aan machinezijde gekozen.

## Selectie van SL-koppen

**2**

- Identificeer SL-koppen voor kopsteken:
- De eerste snedediameter van de SL-kop moet overeenkomen met de diameter van de kopsteektoepassing.
- De breedte van de groef heeft invloed op de keuze van SL-koppen en wisselplaten.
- Gebruik alleen SL-koppen met een machinezijdige koppeling SL32, linkse uitvoering, A-curve.
- De SL-kopmaat LF = 18 mm geeft een maximum diameter voor de montagesetcode. LF=14 mm reduceert het diameterbereik van het kopsteekgereedschap met 8 mm.
- Zie CoroCut 1-2 in de draaigereedschappencatalogus voor SL-kopassortiment.

## Selectie van wisselplaten

**3**

- Kies uit CoroCut 1-2-systeem wisselplaten. Zie Draaigereedschappencatalogus.

# Voorkotteren

| | Gereedschaps-concept | Diameter-bereik, mm | Gat-tolerantie | Snijkanten | Bewerking | Wisselplaat-keuze | Koppeling machinezijde | Pagina |
|---|---|---|---|---|---|---|---|---|
| **CoroBore® BR10**  | Conventioneel | 32-170 | IT9 | 1 | - Trekkend kotteren met één snijkant | - CoroTurn® 107 | - Coromant Capto®<br>- Coromant EH | K4-K5 |
| **CoroBore® BR20**  | Conventioneel | 23-150 | IT9 | 2 | - Trekkend kotteren met één snijkant<br>- Kotteren<br>- Getrapt kotteren<br>- Kotteren met één snijkant | - CoroTurn® 107<br>- T-Max® P<br>- CoroBore® 111 | - Coromant Capto®<br>- Coromant EH | K6-K10 |
|  | Gedempt | 23-150 | IT9 | 2 | - Kotteren<br>- Getrapt kotteren<br>- Kotteren met één snijkant | - CoroTurn® 107<br>- CoroBore® 111 | - Coromant Capto® | K14 |
| **CoroBore® BR30**  | Conventioneel | 35-214 | IT9 | 3 | - Kotteren<br>- Getrapt kotteren<br>- Kotteren met één snijkant | - CoroTurn® 107<br>- T-Max® P<br>- CoroBore® 111 | - Coromant Capto® | K17-K21 |
| Holtes kotteren  | Conventioneel | 85-205 | IT9 | 4,6,8 | - Kotteren<br>- Getrapt kotteren | - CoroTurn® 107*<br>- CoroBore® 111 | - Coromant Capto® | K22 |
| **CoroBore® 820 XL**  | Conventioneel | 148-300 (350**)<br><br>298-1260 | IT9 | 2 | - Kotteren<br>- Getrapt kotteren<br>- Kotteren met één snijkant | - CoroTurn® 107<br>- T-Max® P<br>- CoroBore® 111 | - Coromant Capto®<br><br>- 40X met 4 bout cirkel | K24-K25<br><br>K28-K31 |
|  | Lichtgewicht | 148-300 | IT9 | 2 | - Kotteren<br>- Getrapt kotteren<br>- Kotteren met één snijkant | - CoroTurn® 107<br>- CoroBore® 111 | - 40S met 4 bout cirkel | K26 |
|  | Gedempt | 148-300 | IT9 | 2 | - Kotteren<br>- Getrapt kotteren<br>- Kotteren met één snijkant | - CoroTurn® 107<br>- CoroBore® 111 | - A33 gedempte adapter | K27 |

*Niet in set inbegrepen, componenten moeten afzonderlijk worden besteld

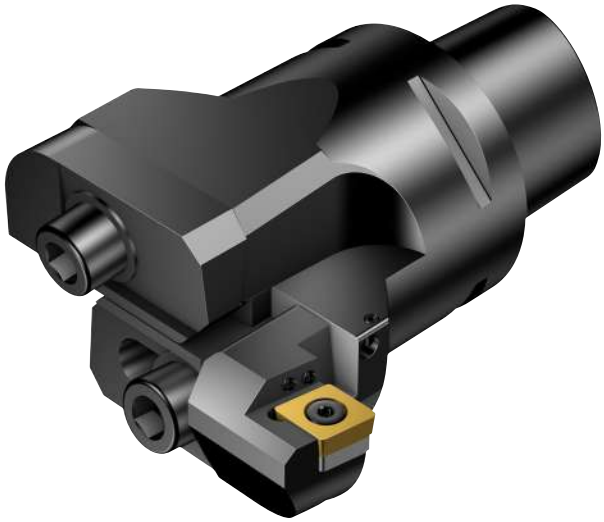
**Componenten moeten afzonderlijk worden besteld

# CoroBore® BR10

## Gereedschappen voor trekkend kotteren met één snijkant

### Toepassing

- Voorkotteren
- Trekkend kotteren



### ISO toepassingsgebied:

P M K N S H

### Voordelen en kenmerken

- Een met lasermarkering aangegeven schaal op de adapter maakt het eenvoudig om de diameter in te stellen
- Mogelijkheid om gemakkelijk geassembleerd te kunnen worden als een tweesnijder, gebruik makend van BR20 sledes
- Spuitmonden met hoge precisie ingebouwd in slede voor het nauwkeurig richten van koelmiddel
- Snijvloeistof door het gereedschap voor een goede spaanafvoer
- Modulariteit met Coromant Capto® en Coromant EH

www.sandvik.coromant.com/coroborebr10

### Klemhouders

Koppelingen:
- Coromant Capto®
- Coromant EH

### Wisselplaten

- ?Standaard CoroTurn® 107 wisselplaten met een uitgebreide keuze aan hardmetaalsoorten en geometrieën voor alle materialen.

Het gereedschap maakt gebruik van de CoroBore® BR20-adapter en combineert deze met een unieke slede en afdekplaat voor trekkend kotteren.



Beschikbaar als complete set voor trekkend kotteren. De afdekplaat en slede voor trekkend kotteren zijn ook los verkrijgbaar.

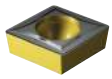


# CoroBore® BR10 voorkottergereedschap voor trekkend kotteren

## Coromant EH - interne koelmiddeltoevoer

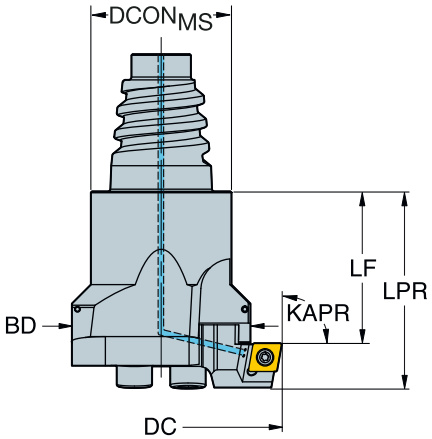
KAPR 90°





CCMT, CCGT
CCGX, CCET

CCMW

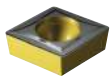



| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXRDL | LF | LPR | BD1 | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32.00 | 38.00 | 06 | E20 | 1 | BR10-38CC06F-EH20 | 19.30 | 3.00 | 15.00 | 25.00 | 20.00 | 70 | 0.070 | 1 | CCMT 06 02 04 |
| 37.00 | 45.00 | 06 | E25 | 1 | BR10-45CC06F-EH25 | 24.20 | 4.00 | 14.00 | 24.00 | 24.00 | 70 | 0.110 | 1 | CCMT 06 02 04 |

## Coromant Capto® - inwendige koelmiddeltoevoer

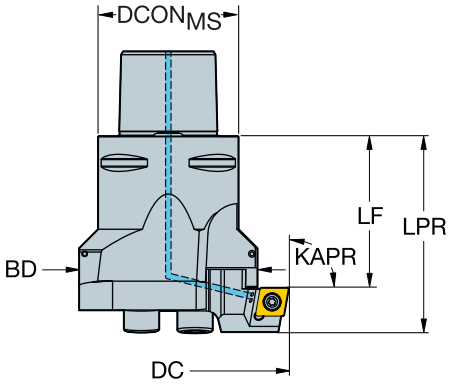
KAPR 90°





CCMT, CCGT
CCGX, CCET

CCMW




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXRDL | LF | LPR | BD1 | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44.00 | 54.00 | 06 | C3 | 3 | BR10-54CC06F-C3 | 32.00 | 5.00 | 35.00 | 45.00 | 30.00 | 70 | 0.560 | 1 | CCMT 06 02 04 |
| 53.00 | 65.00 | 06 | C4 | 3 | BR10-65CC06F-C4 | 40.00 | 6.00 | 43.00 | 53.00 | 39.00 | 70 | 0.560 | 1 | CCMT 06 02 04 |
| 64.00 | 76.00 | 09 | C4 | 3 | BR10-76CC09F-C4 | 40.00 | 6.00 | 43.00 | 58.00 | 39.00 | 70 | 0.560 | 1 | CCMT 09 T3 08 |
| 75.00 | 91.00 | 12 | C5 | 3 | BR10-91CC12F-C5 | 50.00 | 8.00 | 48.00 | 68.00 | 50.00 | 70 | 0.860 | 1 | CCMT 12 04 08 |
| 90.00 | 110.00 | 12 | C5 | 3 | BR10-110CC12F-C5 | 50.00 | 10.00 | 50.00 | 70.00 | 63.00 | 70 | 1.230 | 1 | CCMT 12 04 08 |
| 109.00 | 136.00 | 12 | C6 | 3 | BR10-136CC12F-C6 | 63.00 | 13.50 | 68.00 | 88.00 | 82.00 | 70 | 2.080 | 1 | CCMT 12 04 08 |
| 135.00 | 170.00 | 12 | C6 | 3 | BR10-170CC12F-C6 | 63.00 | 17.50 | 78.00 | 98.00 | 108.00 | 70 | 2.380 | 1 | CCMT 12 04 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus


L2


M1



N23



N15

# CoroBore® BR20

## Voorkottergereedschappen met twee snijkanten voor flexibel kotteren

### Toepassing

- Voorkotteren
- Tweesnijder kottergereedschap
- Stapsgewijs kotteren
- Trekkend kotteren
- Eénsnijder

**ISO toepassingsgebied:**

P M K N S H



### Voordelen en kenmerken

- Een met lasermarkering aangegeven schaal op de adapter maakt het eenvoudig om de diameter in te stellen
- Een eenvoudiger gereedschapsopbouw voor trekkend kotteren dankzij een unieke slede en afdekplaat
- Ingebouwde functionaliteit voor getrapt kotteren zonder de noodzaak van een extra vulring
- De differentiële vertanding reduceert de neiging tot trillen – de gereedschappen kunnen worden gebruikt bij langere uitsteeklengtes en grotere snededieptes
- Specifieke wisselplaten met vier snijkanten en voor het voorkotteren geoptimaliseerde hardmetaalsoorten
- Spuitmonden met hoge precisie ingebouwd in slede voor het nauwkeurig richten van koelmiddel.
- Snijvloeistof door het gereedschap voor een goede spaanafvoer
- Ook leverbaar als gedempt kottergereedschapassortiment

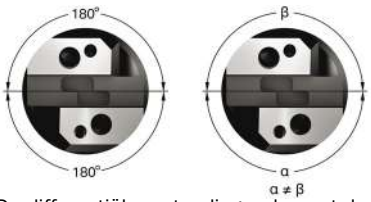
www.sandvik.coromant.com/coroborebr20

### Klemhouders

Koppelingen:
- Coromant Capto®
- Coromant EH

### Wisselplaten

Standaardwisselplaten met specifieke geometrieën en hardmetaalsoorten voor alle materialen
- CoroBore® 111
- CoroTurn® 107




De differentiële vertanding reduceert de neiging tot trillen. De gereedschappen kunnen worden gebruikt bij langere uitsteeklengtes en grotere snededieptes.



Specifieke CoroBore® 111 voorkotterwisselplaten. Met uitstekende spaanbreking en langere standtijd.



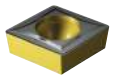

De probleemoplosser bij bewerkingen met lange uitsteeklengtes.
Het gebruik van Silent Tools™ maakt het mogelijk om de snededieptе te verdubbelen en tegelijkertijd productief te kottteren.

# CoroBore® BR20 voorkottergereedschap met twee snijkanten

**Coromant EH - interne koelmiddeltoevoer**

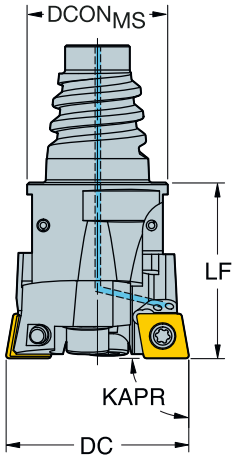
KAPR 90°





CCMT, CCGT
CCGX, CCET

CCMW




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXRDL | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23.00 | 29.00 | 06 | E20 | 1 | **BR20-29CC06F-EH20** | 19.30 | 3.00 | 25.00 | 70 | 0.070 | 2 | CCMT 06 02 04 |
| 28.00 | 36.00 | 06 | E25 | 1 | **BR20-36CC06F-EH25** | 24.20 | 4.00 | 25.00 | 70 | 0.110 | 2 | CCMT 06 02 04 |

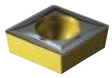
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 M1 N23 N15 K85

# CoroBore® BR20 voorkottergereedschap met twee snijkanten

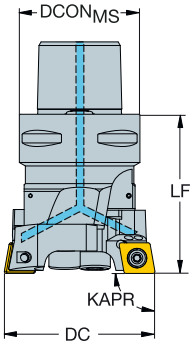
**Coromant Capto® - inwendige koelmiddeltoevoer**

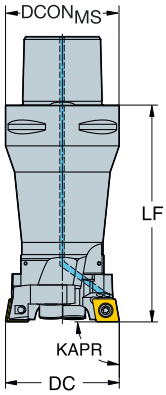




CCMT, CCGT
CCGX, CCET
CCMW

| | | |
|---|---|---|
| KAPR | 90° | 90° |
| DSGN | 1 | 2 |




| | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | | $CZC_{MS}$ | CNSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $ADJLX_{RDL}$ | ULDR | LF | $BD_1$ | BAR | KG | CICT | MIID |
| 23.00 | 29.00 | 06 | C3 | 3 | 2 | **BR20-29CC06F-C3** | 32.00 | 3.00 | 2.00 | 76.00 | 20.00 | 70 | 0.260 | 2 | CCMT 06 02 04 |
| 28.00 | 36.00 | 06 | C3 | 3 | 2 | **BR20-36CC06F-C3** | 32.00 | 4.00 | 2.00 | 83.00 | 24.00 | 70 | 0.360 | 2 | CCMT 06 02 04 |
| 35.00 | 45.00 | 09 | C3 | 3 | 1 | **BR20-45CC09F-C3** | 32.00 | 5.00 | | 48.00 | | 70 | 0.270 | 2 | CCMT 09 T3 08 |
| 35.00 | 45.00 | 09 | C4 | 3 | 2 | **BR20-45CC09F-C4** | 40.00 | 5.00 | 1.50 | 83.00 | 30.00 | 70 | 0.560 | 2 | CCMT 09 T3 08 |
| 44.00 | 56.00 | 09 | C4 | 3 | 1 | **BR20-56CC09F-C4** | 40.00 | 6.00 | | 56.00 | | 70 | 0.480 | 2 | CCMT 09 T3 08 |
| 44.00 | 56.00 | 09 | C5 | 3 | 2 | **BR20-56CC09F-C5** | 50.00 | 6.00 | 1.50 | 98.00 | 39.00 | 70 | 1.030 | 2 | CCMT 09 T3 08 |
| 55.00 | 71.00 | 12 | C5 | 3 | 1 | **BR20-71CC12F-C5** | 50.00 | 8.00 | | 66.00 | | 70 | 0.860 | 2 | CCMT 12 04 08 |
| 55.00 | 71.00 | 12 | C6 | 3 | 2 | **BR20-71CC12F-C6** | 63.00 | 8.00 | 1.50 | 120.00 | 50.00 | 70 | 1.940 | 2 | CCMT 12 04 08 |
| 70.00 | 90.00 | 12 | C5 | 3 | 1 | **BR20-90CC12F-C5** | 50.00 | 10.00 | | 70.00 | | 70 | 1.230 | 2 | CCMT 12 04 08 |
| 70.00 | 90.00 | 12 | C6 | 3 | 1 | **BR20-90CC12F-C6** | 63.00 | 10.00 | | 78.00 | | 70 | 1.580 | 2 | CCMT 12 04 08 |
| 89.00 | 116.00 | 12 | C6 | 3 | 1 | **BR20-116CC12F-C6** | 63.00 | 13.50 | | 90.00 | | 70 | 2.080 | 2 | CCMT 12 04 08 |
| 89.00 | 116.00 | 12 | C8 | 3 | 1 | **BR20-116CC12F-C8** | 80.00 | 13.50 | | 94.00 | | 70 | 2.990 | 2 | CCMT 12 04 08 |
| 115.00 | 150.00 | 12 | C6 | 3 | 1 | **BR20-150CC12F-C6** | 63.00 | 17.50 | | 90.00 | | 70 | 2.380 | 2 | CCMT 12 04 08 |
| 115.00 | 150.00 | 12 | C8 | 3 | 1 | **BR20-150CC12F-C8** | 80.00 | 17.50 | | 100.00 | | 70 | 3.630 | 2 | CCMT 12 04 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
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Voor alle DSGN 2; LU = DC*ULDR

L2 M1 N23 N15 K85

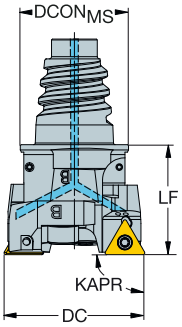
# CoroBore® BR20 voorkottergereedschap met twee snijkanten

**Coromant EH - interne koelmiddeltoevoer**

KAPR 90°








TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| DCN | DCX | ◁▷ | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.00 | 36.00 | 09 | E25 | 1 | **BR20-36TC09F-EH25** | 24.20 | 4.00 | 25.00 | 70 | 0.130 | 2 | TCMT 09 02 04 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
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L2 M1 N23 N15 K85

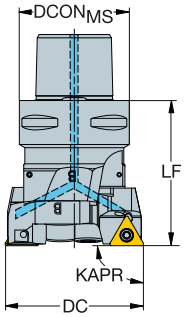
# CoroBore® BR20 voorkottergereedschap met twee snijkanten

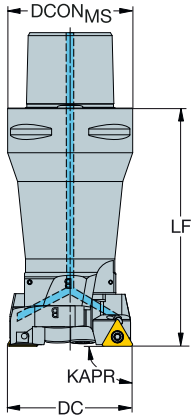
**Coromant Capto® - inwendige koelmiddeltoevoer**

| | | |
|---|---|---|
| KAPR | 90° | 90° |
| DSGN | 1 | 2 |








TCMT, TCMX, TCGT, TCGX TCEX

TCMW

| DCN | DCX | | CZC$_{MS}$ | CNSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | ULDR | LF | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.00 | 36.00 | 09 | C3 | 3 | 2 | **BR20-36TC09F-C3** | 32.00 | 4.00 | 2.00 | 83.00 | 24.00 | 70 | 0.380 | 2 | TCMT 09 02 04 |
| 35.00 | 45.00 | 11 | C3 | 3 | 1 | **BR20-45TC11F-C3** | 32.00 | 5.00 | | 48.00 | | 70 | 0.270 | 2 | TCMT 11 03 04 |
| 44.00 | 56.00 | 11 | C4 | 3 | 1 | **BR20-56TC11F-C4** | 40.00 | 6.00 | | 56.00 | | 70 | 0.500 | 2 | TCMT 11 03 04 |
| 55.00 | 71.00 | 16 | C5 | 3 | 1 | **BR20-71TC16F-C5** | 50.00 | 8.00 | | 66.00 | | 70 | 0.860 | 2 | TCMT 16 T3 08 |
| 70.00 | 90.00 | 16 | C5 | 3 | 1 | **BR20-90TC16F-C5** | 50.00 | 10.00 | | 70.00 | | 70 | 1.250 | 2 | TCMT 16 T3 08 |
| 70.00 | 90.00 | 16 | C6 | 3 | 1 | **BR20-90TC16F-C6** | 63.00 | 10.00 | | 78.00 | | 70 | 1.600 | 2 | TCMT 16 T3 08 |
| 89.00 | 116.00 | 16 | C6 | 3 | 1 | **BR20-116TC16F-C6** | 63.00 | 13.50 | | 90.00 | | 70 | 2.100 | 2 | TCMT 16 T3 08 |
| 115.00 | 150.00 | 16 | C8 | 3 | 1 | **BR20-150TC16F-C8** | 80.00 | 17.50 | | 100.00 | | 70 | 3.650 | 2 | TCMT 16 T3 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

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Voor alle DSGN 2; LU = DC*ULDR

L2 M1 N23 N15 K85

# CoroBore® BR20 voorkottergereedschap met twee snijkanten

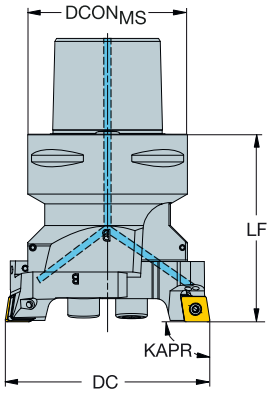
**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 90°





CNMU




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70.00 | 90.00 | 12 | C6 | 3 | **BR20-90CN12F-C6** | 63.00 | 10.00 | 78.00 | 70 | 2.200 | 2 | CNMU 12 04 12 |
| 89.00 | 116.00 | 12 | C8 | 3 | **BR20-116CN12F-C8** | 80.00 | 13.50 | 94.00 | 70 | 2.900 | 2 | CNMU 12 04 12 |
| 115.00 | 150.00 | 12 | C8 | 3 | **BR20-150CN12F-C8** | 80.00 | 17.50 | 100.00 | 70 | 3.690 | 2 | CNMU 12 04 12 |

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L2 M1 N23 N15 K85

# CoroBore® BR20 voorkottergereedschap met twee snijkanten

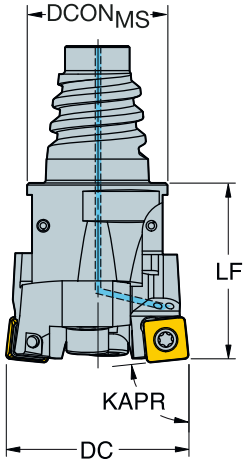
**Coromant EH - interne koelmiddeltoevoer**





SPMT

KAPR 84°




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXRDL | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23.00 | 29.00 | 06 | E20 | 1 | **BR20-29SP06Y-EH20** | 19.30 | 3.00 | 25.00 | 70 | 0.070 | 2 | SPMT 0606-BM |
| 28.00 | 36.00 | 06 | E25 | 1 | **BR20-36SP06Y-EH25** | 24.20 | 4.00 | 25.00 | 70 | 0.110 | 2 | SPMT 0606-BM |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

K32 L2 M1 N23 N15 K85

# CoroBore® BR20 voorkottergereedschap met twee snijkanten

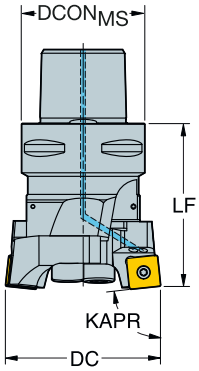
**Coromant Capto® - inwendige koelmiddeltoevoer**

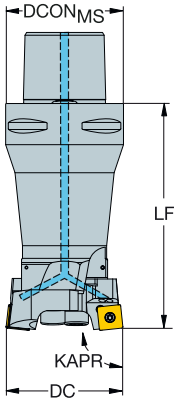
| | | |
|---|---|---|
| KAPR | 84° | 84° |
| DSGN | 1 | 2 |





SPMT




| DCN | DCX | ↔ | $CZC_{MS}$ | CNSC | DSGN | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | ULDR | LF | $BD_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23.00 | 29.00 | 06 | C3 | 3 | 2 | **BR20-29SP06Y-C3** | 32.00 | 3.00 | 2.00 | 76.00 | 20.00 | 70 | 0.260 | 2 | SPMT 0606-BM |
| 28.00 | 36.00 | 06 | C3 | 3 | 2 | **BR20-36SP06Y-C3** | 32.00 | 4.00 | 2.00 | 83.00 | 24.00 | 70 | 0.360 | 2 | SPMT 0606-BM |
| 35.00 | 45.00 | 08 | C3 | 3 | 1 | **BR20-45SP08Y-C3** | 32.00 | 5.00 | | 48.00 | | 70 | 0.270 | 2 | SPMT 0808-BM |
| 35.00 | 45.00 | 08 | C4 | 3 | 2 | **BR20-45SP08Y-C4** | 40.00 | 5.00 | 1.50 | 83.00 | 30.00 | 70 | 0.560 | 2 | SPMT 0808-BM |
| 44.00 | 56.00 | 08 | C4 | 3 | 1 | **BR20-56SP08Y-C4** | 40.00 | 6.00 | | 56.00 | | 70 | 0.480 | 2 | SPMT 0808-BM |
| 44.00 | 56.00 | 08 | C5 | 3 | 2 | **BR20-56SP08Y-C5** | 50.00 | 6.00 | 1.50 | 98.00 | 39.00 | 70 | 1.030 | 2 | SPMT 0808-BM |
| 55.00 | 71.00 | 12 | C5 | 3 | 1 | **BR20-71SP12Y-C5** | 50.00 | 8.00 | | 66.00 | | 70 | 0.860 | 2 | SPMT 1210-BM |
| 55.00 | 71.00 | 12 | C6 | 3 | 2 | **BR20-71SP12Y-C6** | 63.00 | 8.00 | 1.50 | 120.00 | 50.00 | 70 | 1.940 | 2 | SPMT 1210-BM |
| 70.00 | 90.00 | 12 | C5 | 3 | 1 | **BR20-90SP12Y-C5** | 50.00 | 10.00 | | 70.00 | | 70 | 1.230 | 2 | SPMT 1210-BM |
| 70.00 | 90.00 | 12 | C6 | 3 | 1 | **BR20-90SP12Y-C6** | 63.00 | 10.00 | | 78.00 | | 70 | 1.580 | 2 | SPMT 1210-BM |
| 89.00 | 116.00 | 12 | C6 | 3 | 1 | **BR20-116SP12Y-C6** | 63.00 | 13.50 | | 90.00 | | 70 | 2.080 | 2 | SPMT 1210-BM |
| 89.00 | 116.00 | 12 | C8 | 3 | 1 | **BR20-116SP12Y-C8** | 80.00 | 13.50 | | 94.00 | | 70 | 2.990 | 2 | SPMT 1210-BM |
| 115.00 | 150.00 | 12 | C6 | 3 | 1 | **BR20-150SP12Y-C6** | 63.00 | 17.50 | | 90.00 | | 70 | 2.380 | 2 | SPMT 1210-BM |
| 115.00 | 150.00 | 12 | C8 | 3 | 1 | **BR20-150SP12Y-C8** | 80.00 | 17.50 | | 100.00 | | 70 | 3.630 | 2 | SPMT 1210-BM |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Voor alle DSGN 2; LU = DC*ULDR

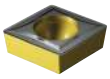
K32 L2 M1 N23 N15 K85

# CoroBore® BR20 gedempt voorkottergereedschap met twee snijkanten

**Coromant Capto® - inwendige koelmiddeltoevoer**

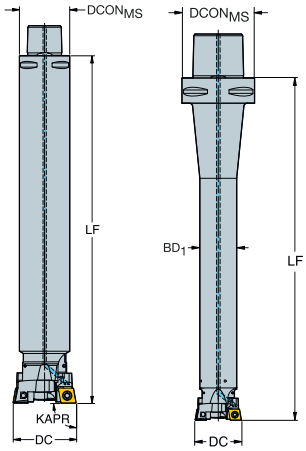


SilentTools®



CCMT, CCGT
CCGX, CCET
CCMW

| | | |
|---|---|---|
| KAPR | 90° | 90° |
| DSGN | 1 | 2 |




| DCN | DCX | | CZCMS | CNSC | DSGN | Bestelnummer | Afmetingen, mm DCONMS | ADJLXRDL | ULDR | LF | BD1 | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23.00 | 29.00 | 06 | C4 | 3 | 2 | BR20D-29CC06F-C4L | 40.00 | 3.00 | 6.00 | 199.00 | 20.00 | 70 | 0.740 | 2 | CCMT 06 02 04 |
| 28.00 | 36.00 | 06 | C3 | 3 | 2 | BR20D-36CC06F-C3L | 32.00 | 4.00 | 6.00 | 216.00 | 25.00 | 70 | 1.030 | 2 | CCMT 06 02 04 |
| 35.00 | 45.00 | 09 | C3 | 3 | 1 | BR20D-45CC09F-C3L | 32.00 | 5.00 | | 221.00 | | 70 | 1.540 | 2 | CCMT 09 T3 08 |
| 35.00 | 45.00 | 09 | C4 | 3 | 2 | BR20D-45CC09F-C4L | 40.00 | 5.00 | 6.00 | 270.00 | 32.00 | 70 | 1.980 | 2 | CCMT 09 T3 08 |
| 35.00 | 45.00 | 09 | C6 | 3 | 2 | BR20D-45CC09F-C6L | 63.00 | 5.00 | 6.00 | 297.00 | 32.00 | 70 | 2.620 | 2 | CCMT 09 T3 08 |
| 44.00 | 56.00 | 09 | C4 | 3 | 1 | BR20D-56CC09F-C4L | 40.00 | 6.00 | | 220.00 | | 70 | 2.380 | 2 | CCMT 09 T3 08 |
| 44.00 | 56.00 | 09 | C5 | 3 | 2 | BR20D-56CC09F-C5L | 50.00 | 6.00 | 6.00 | 336.00 | 40.00 | 70 | 3.720 | 2 | CCMT 09 T3 08 |
| 44.00 | 56.00 | 09 | C6 | 3 | 2 | BR20D-56CC09F-C6L | 63.00 | 6.00 | 6.00 | 363.00 | 40.00 | 70 | 4.350 | 2 | CCMT 09 T3 08 |
| 55.00 | 71.00 | 12 | C5 | 3 | 1 | BR20D-71CC12F-C5M | 50.00 | 8.00 | | 300.00 | | 70 | 5.080 | 2 | CCMT 12 04 08 |
| 55.00 | 71.00 | 12 | C6 | 3 | 2 | BR20D-71CC12F-C6M | 63.00 | 8.00 | 5.60 | 400.00 | 50.00 | 70 | 6.940 | 2 | CCMT 12 04 08 |
| 70.00 | 90.00 | 12 | C6 | 3 | 1 | BR20D-90CC12F-C6M | 63.00 | 10.00 | | 400.00 | | 70 | 9.910 | 2 | CCMT 12 04 08 |
| 70.00 | 90.00 | 12 | C8 | 3 | 2 | BR20D-90CC12F-C8M | 80.00 | 10.00 | 5.60 | 500.00 | 63.00 | 70 | 12.660 | 2 | CCMT 12 04 08 |
| 89.00 | 116.00 | 12 | C8 | 3 | 1 | BR20D-116CC12F-C8M | 80.00 | 13.50 | | 500.00 | | 70 | 18.490 | 2 | CCMT 12 04 08 |
| 89.00 | 116.00 | 12 | C8 | 3 | 1 | BR20D-116CC12F-C8S | 80.00 | 13.50 | | 410.00 | | 70 | 16.140 | 2 | CCMT 12 04 08 |
| 115.00 | 150.00 | 12 | C8 | 3 | 1 | BR20D-150CC12F-C8M | 80.00 | 17.50 | | 500.00 | | 70 | 18.620 | 2 | CCMT 12 04 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus
Voor alle DSGN 2; LU = DC*ULDR

L2 M1 N23 N15 K85

# CoroBore® BR20 gedempt voorkottergereedschap met twee snijkanten

**Coromant Capto® - inwendige koelmiddeltoevoer**

| | | |
|---|---|---|
| KAPR | 90° | 90° |
| DSGN | 1 | 2 |

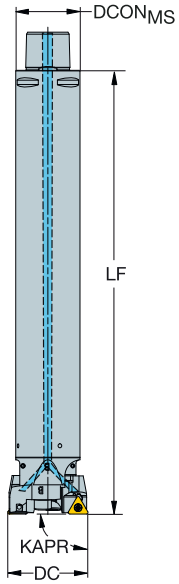
SilentTools®

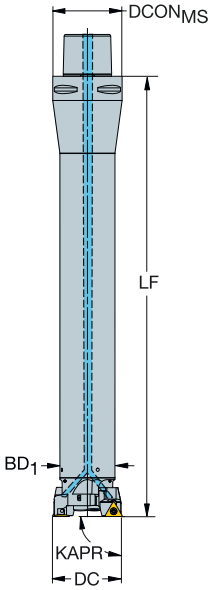




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW




| DCN | DCX | | CZC$_{MS}$ | CNSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | ULDR | LF | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28.00 | 36.00 | 09 | C3 | 3 | 2 | **BR20D-36TC09F-C3L** | 32.00 | 4.00 | 6.00 | 216.00 | 25.00 | 70 | 1.718 | 2 | TCMT 09 02 04 |
| 35.00 | 45.00 | 11 | C3 | 3 | 1 | **BR20D-45TC11F-C3L** | 32.00 | 5.00 | | 221.00 | | 70 | 2.330 | 2 | TCMT 11 03 04 |
| 35.00 | 45.00 | 11 | C4 | 3 | 2 | **BR20D-45TC11F-C4L** | 40.00 | 5.00 | 6.00 | 270.00 | 32.00 | 70 | 1.980 | 2 | TCMT 11 03 04 |
| 44.00 | 56.00 | 11 | C4 | 3 | 1 | **BR20D-56TC11F-C4L** | 40.00 | 6.00 | | 220.00 | | 70 | 2.400 | 2 | TCMT 11 03 04 |
| 44.00 | 56.00 | 11 | C5 | 3 | 2 | **BR20D-56TC11F-C5L** | 50.00 | 6.00 | 6.00 | 336.00 | 40.00 | 70 | 5.740 | 2 | TCMT 11 03 04 |
| 55.00 | 71.00 | 16 | C5 | 3 | 1 | **BR20D-71TC16F-C5M** | 50.00 | 8.00 | | 300.00 | | 70 | 5.080 | 2 | TCMT 16 T3 08 |
| 70.00 | 90.00 | 16 | C6 | 3 | 1 | **BR20D-90TC16F-C6M** | 63.00 | 10.00 | | 400.00 | | 70 | 9.930 | 2 | TCMT 16 T3 08 |
| 89.00 | 116.00 | 16 | C8 | 3 | 1 | **BR20D-116TC16F-C8M** | 80.00 | 13.50 | | 500.00 | | 70 | 22.085 | 2 | TCMT 16 T3 08 |
| 89.00 | 116.00 | 16 | C8 | 3 | 1 | **BR20D-116TC16F-C8S** | 80.00 | 13.50 | | 410.00 | | 70 | 16.160 | 2 | TCMT 16 T3 08 |
| 115.00 | 150.00 | 16 | C8 | 3 | 1 | **BR20D-150TC16F-C8M** | 80.00 | 17.50 | | 500.00 | | 70 | 23.200 | 2 | TCMT 16 T3 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Zie voor wisselplaten de Draaigereedschappencatalogus

Voor alle DSGN 2; LU = DC*ULDR

L2 M1 N23 N15 K85

# CoroBore® BR20 gedempt voorkottergereedschap met twee snijkanten

**Coromant Capto® - inwendige koelmiddeltoevoer**

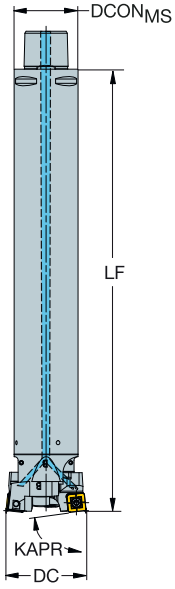


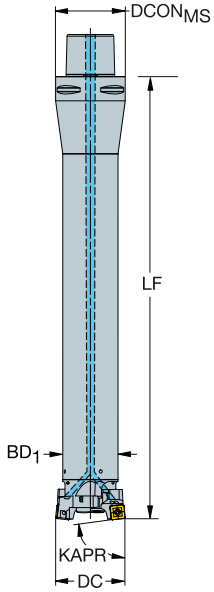


SPMT

SilentTools®

| | | |
|---|---|---|
| KAPR | 84° | 84° |
| DSGN | 1 | 2 |




| | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | | $CZC_{MS}$ | CNSC | DSGN | Bestelnummer | $DCON_{MS}$ | $ADJLX_{RDL}$ | ULDR | LF | $BD_1$ | BAR | KG | CICT | MIID |
| 23.00 | 29.00 | 06 | C4 | 3 | 2 | BR20D-29SP06Y-C4L | 40.00 | 3.00 | 6.00 | 199.00 | 20.00 | 70 | 0.740 | 2 | SPMT 0606-BM |
| 28.00 | 36.00 | 06 | C3 | 3 | 2 | BR20D-36SP06Y-C3L | 32.00 | 4.00 | 6.00 | 216.00 | 25.00 | 70 | 1.030 | 2 | SPMT 0606-BM |
| 35.00 | 45.00 | 08 | C3 | 3 | 1 | BR20D-45SP08Y-C3L | 32.00 | 5.00 | | 221.00 | | 70 | 2.330 | 2 | SPMT 0808-BM |
| 35.00 | 45.00 | 08 | C4 | 3 | 2 | BR20D-45SP08Y-C4L | 40.00 | 5.00 | 6.00 | 270.00 | 32.00 | 70 | 4.500 | 2 | SPMT 0808-BM |
| 35.00 | 45.00 | 08 | C6 | 3 | 2 | BR20D-45SP08Y-C6L | 63.00 | 5.00 | 6.00 | 297.00 | 32.00 | 70 | 2.630 | 2 | SPMT 0808-BM |
| 44.00 | 56.00 | 08 | C4 | 3 | 1 | BR20D-56SP08Y-C4L | 40.00 | 6.00 | | 220.00 | | 70 | 5.120 | 2 | SPMT 0808-BM |
| 44.00 | 56.00 | 08 | C5 | 3 | 2 | BR20D-56SP08Y-C5L | 50.00 | 6.00 | 6.00 | 336.00 | 40.00 | 70 | 3.720 | 2 | SPMT 0808-BM |
| 44.00 | 56.00 | 08 | C6 | 3 | 1 | BR20D-56SP08Y-C6L | 63.00 | 6.00 | 6.00 | 363.00 | 40.00 | 70 | 4.350 | 2 | SPMT 0808-BM |
| 55.00 | 71.00 | 12 | C5 | 3 | 1 | BR20D-71SP12Y-C5M | 50.00 | 8.00 | | 300.00 | | 70 | 7.672 | 2 | SPMT 1210-BM |
| 55.00 | 71.00 | 12 | C6 | 3 | 2 | BR20D-71SP12Y-C6M | 63.00 | 8.00 | 5.60 | 400.00 | 50.00 | 70 | 6.940 | 2 | SPMT 1210-BM |
| 70.00 | 90.00 | 12 | C6 | 3 | 1 | BR20D-90SP12Y-C6M | 63.00 | 10.00 | | 400.00 | | 70 | 12.000 | 2 | SPMT 1210-BM |
| 70.00 | 90.00 | 12 | C8 | 3 | 2 | BR20D-90SP12Y-C8M | 80.00 | 10.00 | 5.60 | 500.00 | 63.00 | 70 | 16.183 | 2 | SPMT 1210-BM |
| 89.00 | 116.00 | 12 | C8 | 3 | 1 | BR20D-116SP12Y-C8M | 80.00 | 13.50 | | 500.00 | | 70 | 22.125 | 2 | SPMT 1210-BM |
| 89.00 | 116.00 | 12 | C8 | 3 | 1 | BR20D-116SP12Y-C8S | 80.00 | 13.50 | | 410.00 | | 70 | 16.140 | 2 | SPMT 1210-BM |
| 115.00 | 150.00 | 12 | C8 | 3 | 1 | BR20D-150SP12Y-C8M | 80.00 | 17.50 | | 500.00 | | 70 | 18.620 | 2 | SPMT 1210-BM |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Voor alle DSGN 2; LU = DC*ULDR

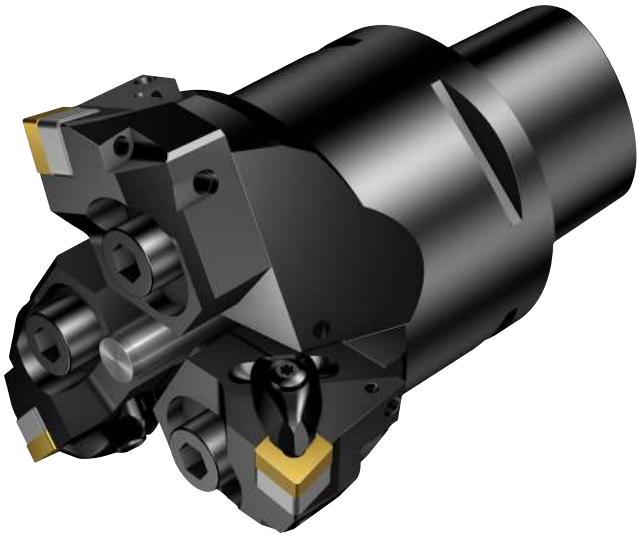
L2 M1 N23 N15 K85

# CoroBore® BR30

## Voorkottergereedschappen met meerdere snijkanten voor optimale productiviteit

### Toepassing

- Voorkotteren
- Meer snijkanten kotteren
- Stapsgewijs kotteren
- Eénsnijder



### ISO toepassingsgebied

P M K N S H

### Voordelen en kenmerken

- Uiterst productief gereedschap met meerdere snijkanten voor een maximaal verspaningsvolume.
- Een met lasermarkering aangegeven schaal op de adapter maakt het eenvoudig om de diameter in te stellen.
- Modulariteit met Coromant Capto® .
- Hogedruk koelmiddel via adapter
- Getrapt kotteren: Extra onderlegplaten beschikbaar die apart besteld moeten worden
- Kort, robuust en compact, voor een maximale stabiliteit

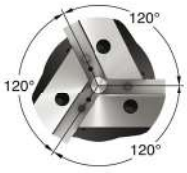
www.sandvik.coromant.com/coroborebr30

### Klemhouders

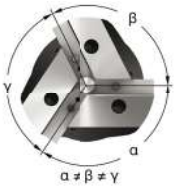
Koppelingen:
- Coromant Capto®

### Wisselplaten

Standaardwisselplaten met specifieke geometrieën en hardmetaalsoorten voor alle materialen
- CoroBore® 111
- CoroTurn® 107
- T-max® P




De differentiële vertanding reduceert de neiging tot trillen. De gereedschappen kunnen worden gebruikt bij langere uitsteeklengtes en grotere snededieptes.






Van diameter 85 tot 205 mm, is CoroBore® BR30 leverbaar met maximaal 8 snijdende wisselplaten voor een maximaal verspaand volume.



Indien geen voorinsteller beschikbaar is, moet de diameter van CoroBore BR30 worden afgesteld door de afstand te meten vanaf de pen tot de wisselplaat en moet hiervan de helft van de pendiameter afgetrokken worden. Vermenigvuldig met twee voor de effectieve kotterdiameter.

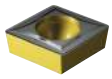


Specifieke CoroBore® 111 voorkotterwisselplaten. Met uitstekende spaanbreking en langere standtijd.

# CoroBore® BR30 voorkottergereedschap met drie snijkanten

**Coromant Capto® - inwendige koelmiddeltoevoer**

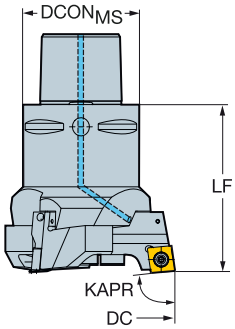


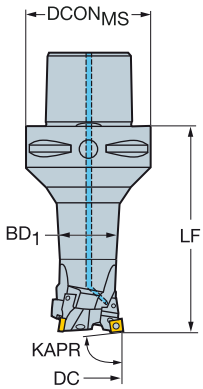


CCMT, CCGT
CCGX, CCET

CCMW

| | | |
|---|---|---|
| KAPR | 90° | 90° |
| DSGN | 1 | 2 |




| | | | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | ↔ | $CZC_{MS}$ | CNSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $ADJLX_{RDL}$ | ULDR | LF | $BD_1$ | BAR | KG | CICT | MIID |
| 35.00 | 40.50 | 06 | C3 | 3 | 1 | **BR30-41CC06F-C3** | 32.00 | 2.75 | | 48.00 | | 70 | 0.250 | 3 | CCMT 06 02 04 |
| 35.00 | 40.50 | 06 | C4 | 3 | 2 | **BR30-41CC06F-C4** | 40.00 | 2.75 | 1.50 | 83.00 | 31.50 | 70 | 0.640 | 3 | CCMT 06 02 04 |
| 39.50 | 45.00 | 06 | C3 | 3 | 1 | **BR30-45CC06F-C3** | 32.00 | 2.75 | | 48.00 | | 70 | 0.280 | 3 | CCMT 06 02 04 |
| 39.50 | 45.00 | 06 | C4 | 3 | 2 | **BR30-45CC06F-C4** | 40.00 | 2.75 | 1.50 | 83.00 | 31.50 | 70 | 0.670 | 3 | CCMT 06 02 04 |
| 44.00 | 50.50 | 06 | C4 | 3 | 1 | **BR30-51CC06F-C4** | 40.00 | 3.25 | | 56.00 | | 70 | 0.620 | 3 | CCMT 06 02 04 |
| 44.00 | 50.50 | 06 | C5 | 3 | 2 | **BR30-51CC06F-C5** | 50.00 | 3.25 | 1.50 | 98.00 | 39.60 | 70 | 1.180 | 3 | CCMT 06 02 04 |
| 49.50 | 56.00 | 06 | C4 | 3 | 1 | **BR30-56CC06F-C4** | 40.00 | 3.25 | | 56.00 | | 70 | 0.650 | 3 | CCMT 06 02 04 |
| 49.50 | 56.00 | 09 | C4 | 3 | 1 | **BR30-56CC09F-C4** | 40.00 | 3.25 | | 58.00 | | 70 | 0.641 | 3 | CCMT 09 T3 08 |
| 49.50 | 56.00 | 06 | C5 | 3 | 2 | **BR30-56CC06F-C5** | 50.00 | 3.25 | 1.50 | 98.00 | 39.60 | 70 | 1.210 | 3 | CCMT 06 02 04 |
| 49.50 | 56.00 | 09 | C5 | 3 | 2 | **BR30-56CC09F-C5** | 50.00 | 3.25 | 1.50 | 100.00 | 39.60 | 70 | 1.240 | 3 | CCMT 09 T3 08 |
| 55.00 | 63.00 | 09 | C5 | 3 | 1 | **BR30-63CC09F-C5** | 50.00 | 4.00 | | 66.00 | | 70 | 0.890 | 3 | CCMT 09 T3 08 |
| 55.00 | 63.00 | 09 | C6 | 3 | 2 | **BR30-63CC09F-C6** | 63.00 | 4.00 | 1.50 | 120.00 | 49.50 | 70 | 1.980 | 3 | CCMT 09 T3 08 |
| 62.00 | 70.00 | 09 | C5 | 3 | 1 | **BR30-70CC09F-C5** | 50.00 | 4.00 | | 66.00 | | 70 | 0.920 | 3 | CCMT 09 T3 08 |
| 62.00 | 70.00 | 12 | C5 | 3 | 1 | **BR30-70CC12F-C5** | 50.00 | 4.00 | | 68.00 | | 70 | 0.980 | 3 | CCMT 12 04 08 |
| 62.00 | 70.00 | 09 | C6 | 3 | 2 | **BR30-70CC09F-C6** | 63.00 | 4.00 | 1.50 | 120.00 | 49.50 | 70 | 2.312 | 3 | CCMT 09 T3 08 |
| 62.00 | 70.00 | 12 | C6 | 3 | 2 | **BR30-70CC12F-C6** | 63.00 | 4.00 | 1.50 | 122.00 | 49.50 | 70 | 2.070 | 3 | CCMT 12 04 08 |
| 69.00 | 78.50 | 12 | C5 | 3 | 1 | **BR30-79CC12F-C5** | 50.00 | 4.75 | | 70.00 | | 70 | 1.180 | 3 | CCMT 12 04 08 |
| 69.00 | 78.50 | 12 | C6 | 3 | 1 | **BR30-79CC12F-C6** | 63.00 | 4.75 | | 78.00 | | 70 | 2.130 | 3 | CCMT 12 04 08 |
| 77.50 | 87.00 | 12 | C5 | 3 | 1 | **BR30-87CC12F-C5** | 50.00 | 4.75 | | 70.00 | | 70 | 1.210 | 3 | CCMT 12 04 08 |
| 77.50 | 87.00 | 12 | C6 | 3 | 1 | **BR30-87CC12F-C6** | 63.00 | 4.75 | | 78.00 | | 70 | 1.967 | 3 | CCMT 12 04 08 |
| 86.00 | 97.00 | 12 | C6 | 3 | 1 | **BR30-97CC12F-C6** | 63.00 | 5.50 | | 90.00 | | 70 | 2.280 | 3 | CCMT 12 04 08 |
| 86.00 | 97.00 | 12 | C8 | 3 | 1 | **BR30-97CC12F-C8** | 80.00 | 5.50 | | 94.00 | | 70 | 3.300 | 3 | CCMT 12 04 08 |
| 96.00 | 107.00 | 12 | C6 | 3 | 1 | **BR30-107CC12F-C6** | 63.00 | 5.50 | | 90.00 | | 70 | 2.340 | 3 | CCMT 12 04 08 |
| 96.00 | 107.00 | 12 | C8 | 3 | 1 | **BR30-107CC12F-C8** | 80.00 | 5.50 | | 94.00 | | 70 | 3.360 | 3 | CCMT 12 04 08 |
| 106.00 | 122.00 | 12 | C8 | 3 | 1 | **BR30-122CC12F-C8** | 80.00 | 8.00 | | 100.00 | | 70 | 4.100 | 3 | CCMT 12 04 08 |
| 121.00 | 137.00 | 12 | C8 | 3 | 1 | **BR30-137CC12F-C8** | 80.00 | 8.00 | | 100.00 | | 70 | 4.250 | 3 | CCMT 12 04 08 |
| 136.00 | 152.00 | 12 | C8 | 3 | 1 | **BR30-152CC12F-C8** | 80.00 | 8.00 | | 100.00 | | 70 | 4.760 | 3 | CCMT 12 04 08 |
| 151.00 | 167.00 | 12 | C8 | 3 | 1 | **BR30-167CC12F-C8** | 80.00 | 8.00 | | 100.00 | | 70 | 4.880 | 3 | CCMT 12 04 08 |
| 166.00 | 191.00 | 12 | C8 | 3 | 1 | **BR30-191CC12F-C8** | 80.00 | 12.50 | | 115.00 | | 70 | 6.860 | 3 | CCMT 12 04 08 |
| 189.00 | 214.00 | 12 | C8 | 3 | 1 | **BR30-214CC12F-C8** | 80.00 | 12.50 | | 115.00 | | 70 | 7.130 | 3 | CCMT 12 04 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus
Voor alle DSGN 2; LU = DC*ULDR

L2 M1 N23 N15 K86

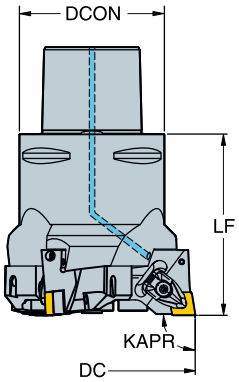
# CoroBore® BR30 voorkottergereedschap met drie snijkanten

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 90°








CNMM
CNMG
CNMA, CNGA

| DCN | DCX | | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106.00 | 122.00 | 12 | C8 | 3 | **BR30-122CN12F-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.190 | 3 | CNMG 12 04 08 |
| 121.00 | 137.00 | 12 | C8 | 3 | **BR30-137CN12F-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.340 | 3 | CNMG 12 04 08 |
| 136.00 | 152.00 | 12 | C8 | 3 | **BR30-152CN12F-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.820 | 3 | CNMG 12 04 08 |
| 151.00 | 167.00 | 12 | C8 | 3 | **BR30-167CN12F-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.970 | 3 | CNMG 12 04 08 |
| 166.00 | 191.00 | 16 | C8 | 3 | **BR30-191CN16F-C8** | 80.00 | 12.50 | 119.00 | 70 | 7.430 | 3 | CNMG 16 06 12 |
| 189.00 | 214.00 | 16 | C8 | 3 | **BR30-214CN16F-C8** | 80.00 | 12.50 | 119.00 | 70 | 22.400 | 3 | CNMG 16 06 12 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 M1 N23 N15 K86

# CoroBore® BR30 voorkottergereedschap met drie snijkanten

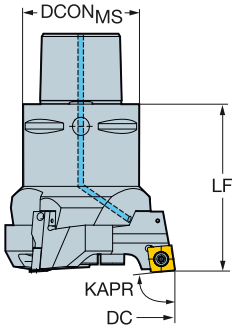
**Coromant Capto® - inwendige koelmiddeltoevoer**





SPMT

KAPR 84°




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXRDL | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35.00 | 40.50 | 06 | C3 | 3 | **BR30-41SP06Y-C3** | 32.00 | 2.75 | 48.00 | 70 | 0.250 | 3 | SPMT 0606-BM |
| 39.50 | 45.00 | 06 | C3 | 3 | **BR30-45SP06Y-C3** | 32.00 | 2.75 | 48.00 | 70 | 0.280 | 3 | SPMT 0606-BM |
| 44.00 | 50.50 | 06 | C4 | 3 | **BR30-51SP06Y-C4** | 40.00 | 3.25 | 56.00 | 70 | 0.620 | 3 | SPMT 0606-BM |
| 49.50 | 56.00 | 08 | C4 | 3 | **BR30-56SP08Y-C4** | 40.00 | 3.25 | 58.00 | 70 | 0.640 | 3 | SPMT 0808-BM |
| 55.00 | 63.00 | 08 | C5 | 3 | **BR30-63SP08Y-C5** | 50.00 | 4.00 | 66.00 | 70 | 0.890 | 3 | SPMT 0808-BM |
| 62.00 | 70.00 | 12 | C5 | 3 | **BR30-70SP12Y-C5** | 50.00 | 4.00 | 68.00 | 70 | 0.980 | 3 | SPMT 1210-BM |
| 69.00 | 78.50 | 12 | C6 | 3 | **BR30-79SP12Y-C6** | 63.00 | 4.75 | 78.00 | 70 | 1.922 | 3 | SPMT 1210-BM |
| 77.50 | 87.00 | 12 | C6 | 3 | **BR30-87SP12Y-C6** | 63.00 | 4.75 | 78.00 | 70 | 2.190 | 3 | SPMT 1210-BM |
| 86.00 | 97.00 | 12 | C8 | 3 | **BR30-97SP12Y-C8** | 80.00 | 5.50 | 94.00 | 70 | 3.300 | 3 | SPMT 1210-BM |
| 96.00 | 107.00 | 12 | C8 | 3 | **BR30-107SP12Y-C8** | 80.00 | 5.50 | 94.00 | 70 | 3.360 | 3 | SPMT 1210-BM |
| 106.00 | 122.00 | 12 | C8 | 3 | **BR30-122SP12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.100 | 3 | SPMT 1210-BM |
| 121.00 | 137.00 | 12 | C8 | 3 | **BR30-137SP12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.250 | 3 | SPMT 1210-BM |
| 136.00 | 152.00 | 12 | C8 | 3 | **BR30-152SP12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.760 | 3 | SPMT 1210-BM |
| 151.00 | 167.00 | 12 | C8 | 3 | **BR30-167SP12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.880 | 3 | SPMT 1210-BM |
| 166.00 | 191.00 | 12 | C8 | 3 | **BR30-191SP12Y-C8** | 80.00 | 12.50 | 115.00 | 70 | 6.860 | 3 | SPMT 1210-BM |
| 189.00 | 214.00 | 12 | C8 | 3 | **BR30-214SP12Y-C8** | 80.00 | 12.50 | 115.00 | 70 | 7.130 | 3 | SPMT 1210-BM |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

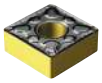
K32 L2 M1 N23 N15 K86

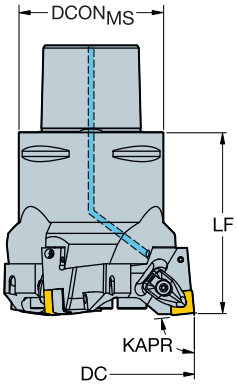
# CoroBore® BR30 voorkottergereedschap met drie snijkanten

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 84°








SNMM
SNMG
SNMA, SNGA

| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106.00 | 122.00 | 12 | C8 | 3 | **BR30-122SN12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.190 | 3 | SNMG 12 04 08 |
| 121.00 | 137.00 | 12 | C8 | 3 | **BR30-137SN12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.340 | 3 | SNMG 12 04 08 |
| 136.00 | 152.00 | 12 | C8 | 3 | **BR30-152SN12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.820 | 3 | SNMG 12 04 08 |
| 151.00 | 167.00 | 12 | C8 | 3 | **BR30-167SN12Y-C8** | 80.00 | 8.00 | 100.00 | 70 | 4.970 | 3 | SNMG 12 04 08 |
| 166.00 | 191.00 | 15 | C8 | 3 | **BR30-191SN15Y-C8** | 80.00 | 12.50 | 119.00 | 70 | 7.480 | 3 | SNMG 15 06 12 |
| 189.00 | 214.00 | 15 | C8 | 3 | **BR30-214SN15Y-C8** | 80.00 | 12.50 | 119.00 | 70 | 7.790 | 3 | SNMG 15 06 12 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 M1 N23 N15 K86

# CoroBore® BR30 multi-snijkant voorbewerkings kottergereedschap

**Coromant Capto® - inwendige koelmiddeltoevoer**

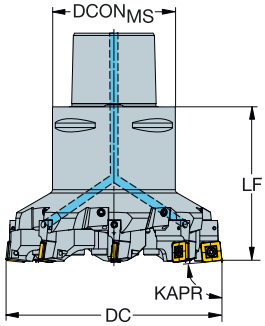
**Speciaal voor het kotteren in holtes**

KAPR 84°





SPMT




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 85.00 | 94.50 | 12 | C6 | 3 | BR30-095-4-SP12Y-C6 | 63.00 | 4.75 | 80.00 | 70 | 2.050 | 4 | SPMT 1210-BM |
| 93.50 | 103.00 | 12 | C6 | 3 | BR30-103-4-SP12Y-C6 | 63.00 | 4.75 | 80.00 | 70 | 2.130 | 4 | SPMT 1210-BM |
| 102.00 | 111.50 | 12 | C8 | 3 | BR30-112-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 4.110 | 6 | SPMT 1210-BM |
| 110.50 | 120.00 | 12 | C8 | 3 | BR30-120-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 4.230 | 6 | SPMT 1210-BM |
| 119.00 | 128.50 | 12 | C8 | 3 | BR30-129-8-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 4.510 | 8 | SPMT 1210-BM |
| 127.50 | 137.00 | 12 | C8 | 3 | BR30-137-8-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 4.670 | 8 | SPMT 1210-BM |
| 136.00 | 145.50 | 12 | C8 | 3 | BR30-146-8-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 4.900 | 8 | SPMT 1210-BM |
| 144.50 | 154.00 | 12 | C8 | 3 | BR30-154-8-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 6.300 | 8 | SPMT 1210-BM |
| 153.00 | 162.50 | 12 | C8 | 3 | BR30-163-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 5.150 | 6 | SPMT 1210-BM |
| 161.50 | 171.00 | 12 | C8 | 3 | BR30-171-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 5.270 | 6 | SPMT 1210-BM |
| 170.00 | 179.50 | 12 | C8 | 3 | BR30-180-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 5.730 | 6 | SPMT 1210-BM |
| 178.50 | 188.00 | 12 | C8 | 3 | BR30-188-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 5.850 | 6 | SPMT 1210-BM |
| 187.00 | 196.50 | 12 | C8 | 3 | BR30-197-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 6.470 | 6 | SPMT 1210-BM |
| 195.50 | 205.00 | 12 | C8 | 3 | BR30-205-6-SP12Y-C8 | 80.00 | 4.75 | 100.00 | 70 | 6.590 | 6 | SPMT 1210-BM |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

K32 L2 M1 N23 N15 K86

# CoroBore® 820 XL

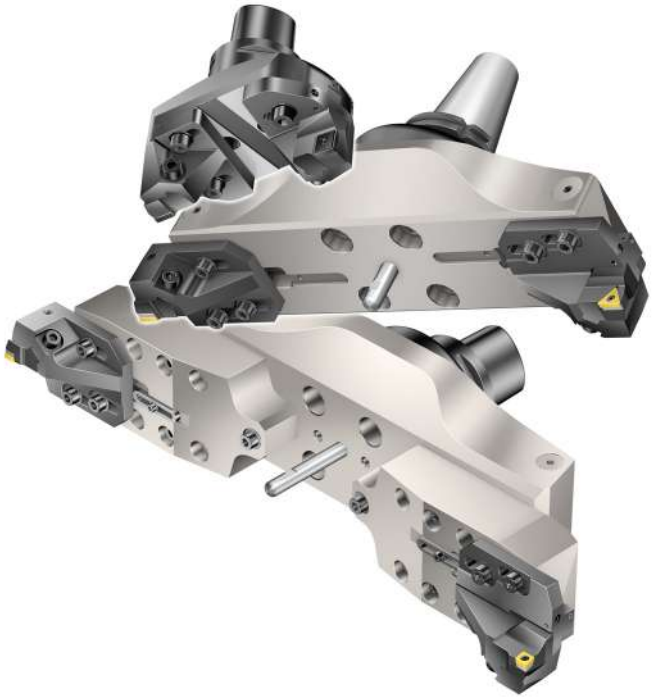
## Voorkottergereedschap voor grote diameters

### Toepassing

- Voorkotteren
- Tweesnijder kottergereedschap
- Stapsgewijs kotteren
- Eénsnijder

### ISO toepassingsgebied

P M K N S H



### Voordelen en kenmerken

- Kort, robuust en compact, voor een maximale stabiliteit bij het voorkotteren van grote diameters
- Axiaal en radiaal instelbaar
- Snijvloeistof door het gereedschap voor een goede spaanafvoer
- Sterke modulaire basis voor het bouwen van gereedschapssamenstellingen in verschillende toepassingen (voorkotteren, fijnkotteren, kopsteken, spiro groefsteken en interpolerend draaien)

www.sandvik.coromant.com/corobore820

SilentTools®

### Klemhouders

Koppelingen:
- Coromant Capto®
- Doorn

### Wisselplaten

Standaardwisselplaten met specifieke geometrieën en hardmetaalsoorten voor alle materialen
- CoroBore® 111
- CoroTurn® 107
- T-max® P



Voor eenvoudige radiale afstelling van sledes moeten de schroeven licht aangedraaid worden en de diameter met een sleutel worden afgesteld. Cassettes zijn mogelijk om in axiale richting in te stellen voor getrapt kotteren.



Gebruik dezelfde brug/ bruguitbreiding voor voorbewerken, nabewerken en kopsteken vanaf diameter 148 mm (inch) (contragewicht nodig voor nabewerken).



Kotteren van grote diameters zonder het gereedschap te verzwaren.



Specifieke CoroBore® 111 voorkotterwisselplaten. Met uitstekende spaanbreking en langere standtijd.

# CoroBore® 820 XL voorkottergereedschap

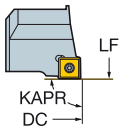
**Coromant Capto® - inwendige koelmiddeltoevoer**



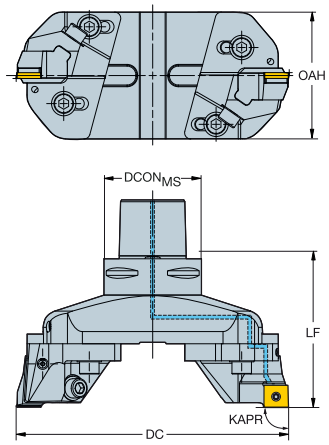


SPMT

KAPR

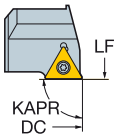



90°

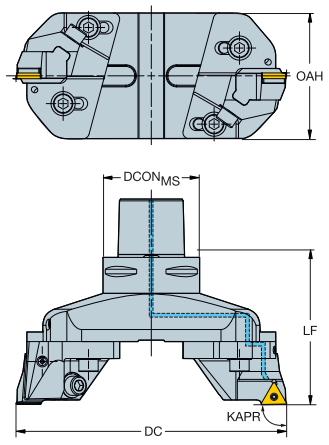



| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 18 | C8 | 3 | 820-200SP18-C8 | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 6.900 | 2 | SPMT 1810-BM |
| 148.00 | 200.00 | 18 | C10 | 3 | 820-200SP18-C10 | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 9.900 | 2 | SPMT 1810-BM |
| 198.00 | 250.00 | 18 | C8 | 3 | 820-250SP18-C8 | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 8.700 | 2 | SPMT 1810-BM |
| 198.00 | 250.00 | 18 | C10 | 3 | 820-250SP18-C10 | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 11.308 | 2 | SPMT 1810-BM |
| 248.00 | 300.00 | 18 | C8 | 3 | 820-300SP18-C8 | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 10.620 | 2 | SPMT 1810-BM |
| 248.00 | 300.00 | 18 | C10 | 3 | 820-300SP18-C10 | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 12.640 | 2 | SPMT 1810-BM |

KAPR




90°








TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

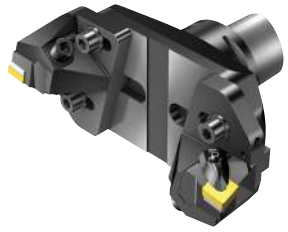
| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 22 | C8 | 3 | 820-200TC22-C8 | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 8.390 | 2 | TCMT 22 04 08 |
| 148.00 | 200.00 | 22 | C10 | 3 | 820-200TC22-C10 | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 10.170 | 2 | TCMT 22 04 08 |
| 198.00 | 250.00 | 22 | C8 | 3 | 820-250TC22-C8 | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 8.800 | 2 | TCMT 22 04 08 |
| 198.00 | 250.00 | 22 | C10 | 3 | 820-250TC22-C10 | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 11.400 | 2 | TCMT 22 04 08 |
| 248.00 | 300.00 | 22 | C8 | 3 | 820-300TC22-C8 | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 10.600 | 2 | TCMT 22 04 08 |
| 248.00 | 300.00 | 22 | C10 | 3 | 820-300TC22-C10 | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 12.660 | 2 | TCMT 22 04 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

K32 L2 M1 N23 N15 K87

# CoroBore® 820 XL voorkottergereedschap

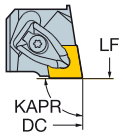
**Coromant Capto® - inwendige koelmiddeltoevoer**



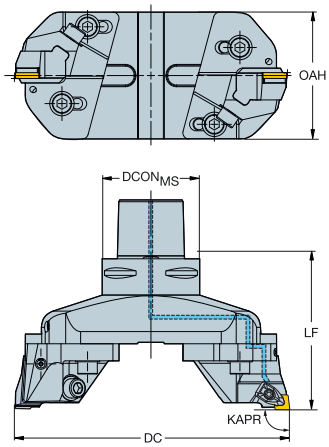


CNMM
CNMG
CNMA, CNGA

KAPR




90°




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 19 | C8 | 3 | **820-200CN19-C8** | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 8.240 | 2 | CNMG 19 06 12 |
| 148.00 | 200.00 | 19 | C10 | 3 | **820-200CN19-C10** | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 10.100 | 2 | CNMG 19 06 12 |
| 198.00 | 250.00 | 19 | C8 | 3 | **820-250CN19-C8** | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 9.620 | 2 | CNMG 19 06 12 |
| 198.00 | 250.00 | 19 | C10 | 3 | **820-250CN19-C10** | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 11.520 | 2 | CNMG 19 06 12 |
| 248.00 | 300.00 | 19 | C8 | 3 | **820-300CN19-C8** | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 10.000 | 2 | CNMG 19 06 12 |
| 248.00 | 300.00 | 19 | C10 | 3 | **820-300CN19-C10** | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 12.685 | 2 | CNMG 19 06 12 |

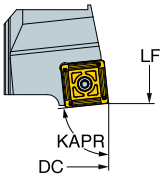
Zie voor wisselplaten de Draaigereedschappencatalogus



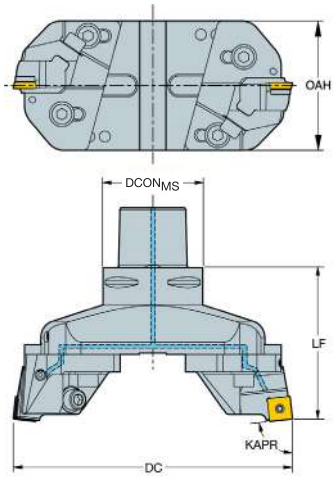


SPMT

KAPR




84°




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 18 | C8 | 3 | **820-200SP18Y-C8** | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 7.030 | 2 | SPMT 1810-BM |
| 148.00 | 200.00 | 18 | C10 | 3 | **820-200SP18Y-C10** | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 8.940 | 2 | SPMT 1810-BM |
| 198.00 | 250.00 | 18 | C8 | 3 | **820-250SP18Y-C8** | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 8.260 | 2 | SPMT 1810-BM |
| 198.00 | 250.00 | 18 | C10 | 3 | **820-250SP18Y-C10** | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 10.190 | 2 | SPMT 1810-BM |
| 248.00 | 300.00 | 18 | C8 | 3 | **820-300SP18Y-C8** | 80.00 | 1.50 | 26.00 | 122.00 | 104.00 | 70 | 9.460 | 2 | SPMT 1810-BM |
| 248.00 | 300.00 | 18 | C10 | 3 | **820-300SP18Y-C10** | 100.00 | 1.50 | 26.00 | 128.00 | 104.00 | 70 | 11.510 | 2 | SPMT 1810-BM |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com


K32


L2


M1



N23



N15

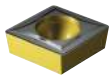

K87

# CoroBore® 820 XL lichtgewicht voorkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

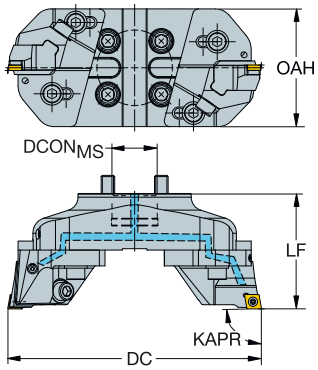
KAPR 90°





CCMT, CCGT
CCGX, CCET

CCMW




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 12 | 40S | 1 | **820L-200CC12F** | 40.00 | 1.50 | 26.00 | 102.00 | 104.00 | 70 | 3.860 | 2 | CCMT 12 04 08 |
| 198.00 | 250.00 | 12 | 40S | 1 | **820L-250CC12F** | 40.00 | 1.50 | 26.00 | 102.00 | 104.00 | 70 | 4.390 | 2 | CCMT 12 04 08 |
| 248.00 | 300.00 | 12 | 40S | 1 | **820L-300CC12F** | 40.00 | 1.50 | 26.00 | 102.00 | 104.00 | 70 | 4.870 | 2 | CCMT 12 04 08 |

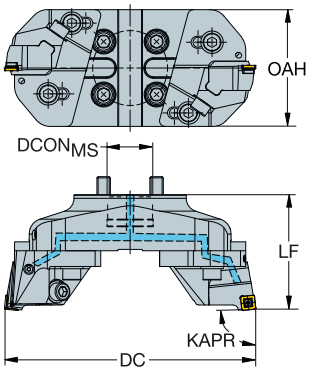
Zie voor wisselplaten de Draaigereedschappencatalogus

KAPR 84°





SPMT




| DCN | DCX | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 12 | 40S | 1 | **820L-200SP12Y** | 40.00 | 1.50 | 26.00 | 102.00 | 104.00 | 70 | 3.860 | 2 | SPMT 1210-BM |
| 198.00 | 250.00 | 12 | 40S | 1 | **820L-250SP12Y** | 40.00 | 1.50 | 26.00 | 102.00 | 104.00 | 70 | 4.390 | 2 | SPMT 1210-BM |
| 248.00 | 300.00 | 12 | 40S | 1 | **820L-300SP12Y** | 40.00 | 1.50 | 26.00 | 102.00 | 104.00 | 70 | 4.870 | 2 | SPMT 1210-BM |

Gebruik met 40S vlakfreesopnames, voorbeeld C8-391.05-40 060M. A.u.b. afzonderlijk bestellen.

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

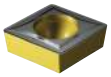
K32 L2 N23 N15 K87

# CoroBore® 820 XL voorkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

**Speciaal voor Silent Tools kotteren**

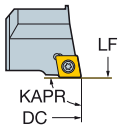




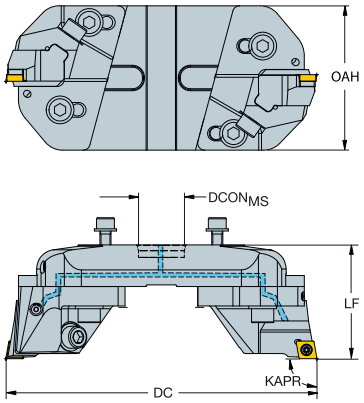
CCMT, CCGT
CCGX, CCET

CCMW

KAPR




90°




| DCN | DCX | | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{AXL}$ | $ADJLX_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 12 | 33 | 1 | **820D-200CC12** | 33.00 | 1.50 | 26.00 | 82.00 | 104.00 | 70 | 3.350 | 2 | CCMT 12 04 08 |
| 198.00 | 250.00 | 12 | 33 | 1 | **820D-250CC12** | 33.00 | 1.50 | 26.00 | 82.00 | 104.00 | 70 | 3.670 | 2 | CCMT 12 04 08 |
| 248.00 | 300.00 | 12 | 33 | 1 | **820D-300CC12** | 33.00 | 1.50 | 26.00 | 82.00 | 104.00 | 70 | 4.030 | 2 | CCMT 12 04 08 |

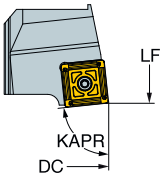
Zie voor wisselplaten de Draaigereedschappencatalogus



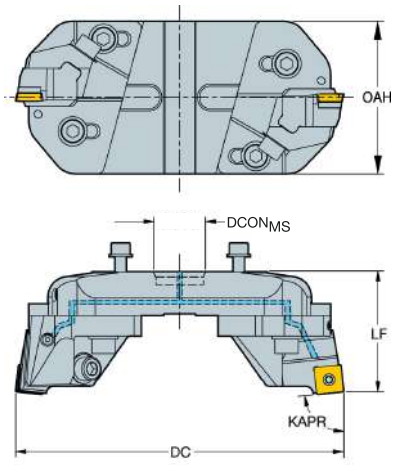


SPMT

KAPR




84°




| DCN | DCX | | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{AXL}$ | $ADJLX_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 200.00 | 12 | 33 | 1 | **820D-200SP12Y** | 33.00 | 1.50 | 26.00 | 82.00 | 104.00 | 70 | 3.350 | 2 | SPMT 1210-BM |
| 198.00 | 250.00 | 12 | 33 | 1 | **820D-250SP12Y** | 33.00 | 1.50 | 26.00 | 82.00 | 104.00 | 70 | 3.670 | 2 | SPMT 1210-BM |
| 248.00 | 300.00 | 12 | 33 | 1 | **820D-300SP12Y** | 33.00 | 1.50 | 26.00 | 82.00 | 104.00 | 70 | 4.030 | 2 | SPMT 1210-BM |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Deze lichtgewicht opstellingen zijn speciaal bedoeld voor gebruik met gedempte kotteradapters. Gedempte adapters apart aan te schaffen, zie pagina K77.

K32 N23 N15 K87

# CoroBore® 820 XL voorkottergereedschap

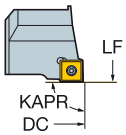
**Doornbevestiging - inwendige koelvloeistoftoevoer**



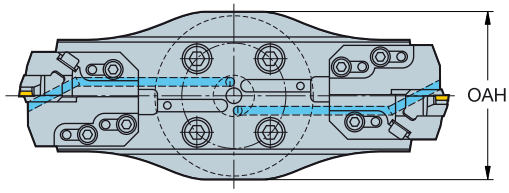


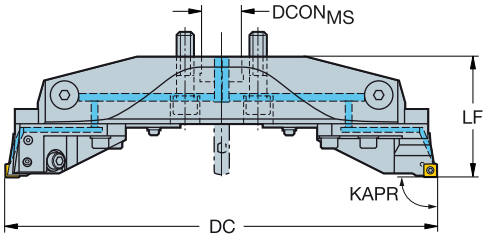
SPMT

KAPR




90°




| DCN | DCX | ▭ | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 298.00 | 380.00 | 18 | 40X | 1 | **820-380SP18** | 40.00 | 1.50 | 41.00 | 114.00 | 164.00 | 70 | 10.000 | 2 | SPMT 1810-BM |
| 378.00 | 460.00 | 18 | 40X | 1 | **820-460SP18** | 40.00 | 1.50 | 41.00 | 119.00 | 164.00 | 70 | 13.131 | 2 | SPMT 1810-BM |
| 458.00 | 540.00 | 18 | 40X | 1 | **820-540SP18** | 40.00 | 1.50 | 41.00 | 124.00 | 164.00 | 70 | 16.741 | 2 | SPMT 1810-BM |

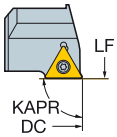




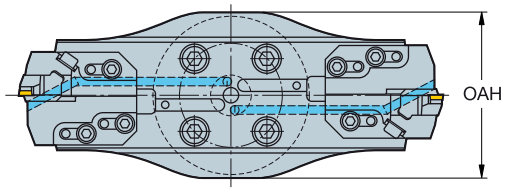
TCMT, TCMX,
TCGT, TCGX
TCEX

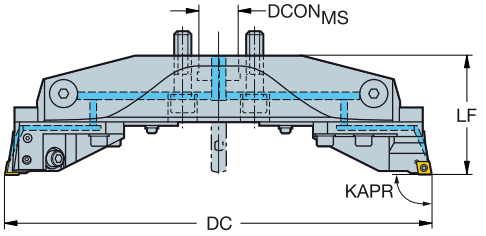
TCMW

KAPR




90°




| DCN | DCX | △ | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | ADJLXAXL | ADJLXRDL | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 298.00 | 380.00 | 22 | 40X | 1 | **820-380TC22** | 40.00 | 1.50 | 41.00 | 114.00 | 164.00 | 70 | 10.980 | 2 | TCMT 22 04 08 |
| 378.00 | 460.00 | 22 | 40X | 1 | **820-460TC22** | 40.00 | 1.50 | 41.00 | 119.00 | 164.00 | 70 | 12.720 | 2 | TCMT 22 04 08 |
| 458.00 | 540.00 | 22 | 40X | 1 | **820-540TC22** | 40.00 | 1.50 | 41.00 | 124.00 | 164.00 | 70 | 16.580 | 2 | TCMT 22 04 08 |

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.
Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

K32 K76 N23 N15 K87

# CoroBore® 820 XL voorkottergereedschap

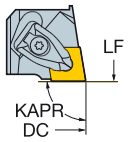
**Doornbevestiging - inwendige koelvloeistoftoevoer**



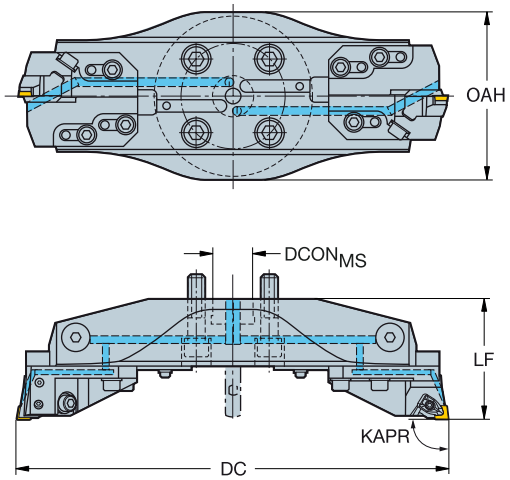


CNMM
CNMG
CNMA, CNGA

KAPR




90°




| DCN | DCX | | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{AXL}$ | $ADJLX_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 298.00 | 380.00 | 19 | 40X | 1 | **820-380CN19** | 40.00 | 1.50 | 41.00 | 114.00 | 164.00 | 70 | 10.815 | 2 | CNMG 19 06 12 |
| 378.00 | 460.00 | 19 | 40X | 1 | **820-460CN19** | 40.00 | 1.50 | 41.00 | 119.00 | 164.00 | 70 | 12.685 | 2 | CNMG 19 06 12 |
| 458.00 | 540.00 | 19 | 40X | 1 | **820-540CN19** | 40.00 | 1.50 | 41.00 | 124.00 | 164.00 | 70 | 16.780 | 2 | CNMG 19 06 12 |

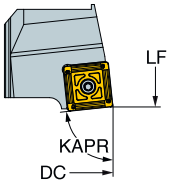
Zie voor wisselplaten de Draaigereedschappencatalogus



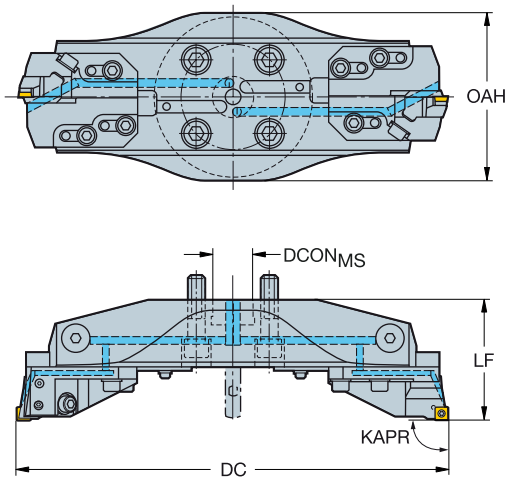


SPMT

KAPR




84°




| DCN | DCX | | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{AXL}$ | $ADJLX_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 298.00 | 380.00 | 18 | 40X | 1 | **820-380SP18Y** | 40.00 | 1.50 | 41.00 | 114.00 | 164.00 | 70 | 9.050 | 2 | SPMT 1810-BM |
| 378.00 | 460.00 | 18 | 40X | 1 | **820-460SP18Y** | 40.00 | 1.50 | 41.00 | 119.00 | 164.00 | 70 | 10.810 | 2 | SPMT 1810-BM |
| 458.00 | 540.00 | 18 | 40X | 1 | **820-540SP18Y** | 40.00 | 1.50 | 41.00 | 124.00 | 164.00 | 70 | 12.740 | 2 | SPMT 1810-BM |

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.
Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

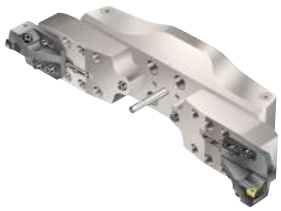
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

K32 K76 N23 N15 K87

# CoroBore® 820 XL voorkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

**Met brugverlenging**

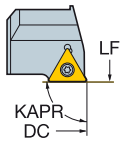




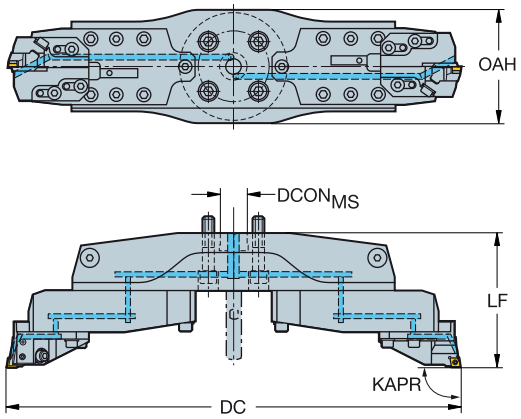
TCMT, TCMX, TCGT, TCGX TCEX

TCMW

KAPR

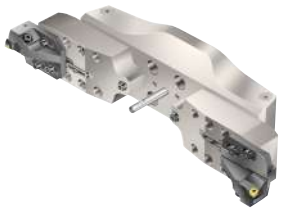



90°




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{AXL}$ | ADJLX$_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 538.00 | 780.00 | 22 | 40X | 1 | **820-780TC22** | 40.00 | 1.50 | 121.00 | 198.00 | 164.00 | 70 | 28.000 | 2 | TCMT 22 04 08 |
| 778.00 | 1020.00 | 22 | 40X | 1 | **820-1020TC22** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 48.000 | 2 | TCMT 22 04 08 |
| 1018.00 | 1260.00 | 22 | 40X | 1 | **820-1260TC22** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 43.730 | 2 | TCMT 22 04 08 |

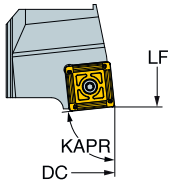
Zie voor wisselplaten de Draaigereedschappencatalogus



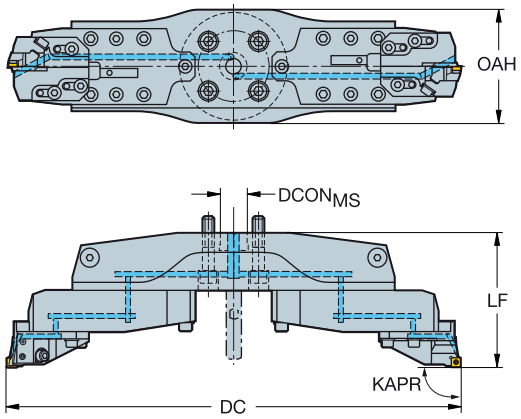


SPMT

KAPR




84°




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{AXL}$ | ADJLX$_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 538.00 | 780.00 | 18 | 40X | 1 | **820-780SP18Y** | 40.00 | 1.50 | 121.00 | 198.00 | 164.00 | 70 | 25.190 | 2 | SPMT 1810-BM |
| 778.00 | 1020.00 | 18 | 40X | 1 | **820-1020SP18Y** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 36.380 | 2 | SPMT 1810-BM |
| 1018.00 | 1260.00 | 18 | 40X | 1 | **820-1260SP18Y** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 43.810 | 2 | SPMT 1810-BM |

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.

Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

K32 K76 N23 N15 K87

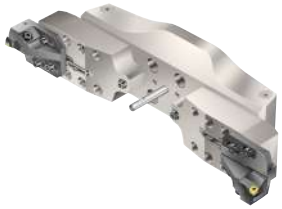


SANDVIK Coromant

# CoroBore® 820 XL voorkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

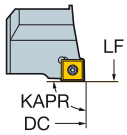
**Met brugverlenging**



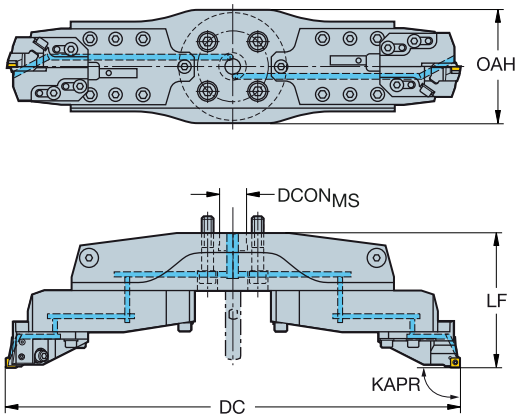


SPMT

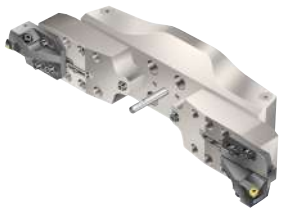
KAPR




90°



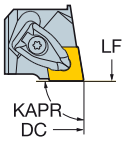

| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{AXL}$ | ADJLX$_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 538.00 | 780.00 | 18 | 40X | 1 | **820-780SP18** | 40.00 | 1.50 | 121.00 | 198.00 | 164.00 | 70 | 39.000 | 2 | SPMT 1810-BM |
| 778.00 | 1020.00 | 18 | 40X | 1 | **820-1020SP18** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 36.380 | 2 | SPMT 1810-BM |
| 1018.00 | 1260.00 | 18 | 40X | 1 | **820-1260SP18** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 43.810 | 2 | SPMT 1810-BM |



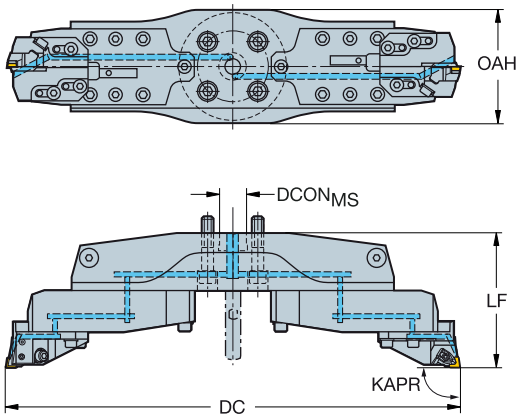


CNMM
CNMG
CNMA, CNGA

KAPR




90°




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{AXL}$ | ADJLX$_{RDL}$ | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 538.00 | 780.00 | 19 | 40X | 1 | **820-780CN19** | 40.00 | 1.50 | 121.00 | 198.00 | 164.00 | 70 | 34.000 | 2 | CNMG 19 06 12 |
| 778.00 | 1020.00 | 19 | 40X | 1 | **820-1020CN19** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 43.000 | 2 | CNMG 19 06 12 |
| 1018.00 | 1260.00 | 19 | 40X | 1 | **820-1260CN19** | 40.00 | 1.50 | 121.00 | 218.00 | 164.00 | 70 | 43.830 | 2 | CNMG 19 06 12 |

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.

Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

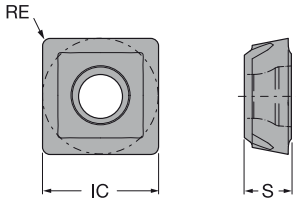
Zie voor wisselplaten de Draaigereedschappencatalogus

K32 K76 N23 N15 K87

# CoroBore® 111 wisselplaten voor voorkotteren

**S-type wisselplaat (vierkant)**



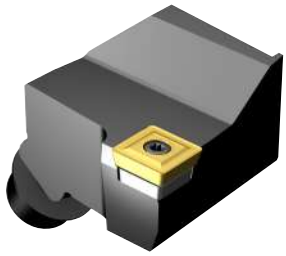



| | | | IC | S | RE | ISO CODE | P 4325 | M 2025 | K 3210 | S 1145 |
|---|---|---|---|---|---|---|---|---|---|---|
| Middelmatig | BM | 06 | 6.0 | 2.60 | 0.60 | SPMT0606-BM | | ☆ | | ☆ |
| | | 08 | 8.9 | 3.00 | 0.80 | SPMT0808-BM | | ☆ | | ☆ |
| | | 12 | 12.65 | 4.00 | 1.00 | SPMT1210-BM | | ☆ | | ☆ |
| | | 18 | 18.6 | 5.50 | 1.00 | SPMT1810-BM | | ☆ | | ☆ |
| Voorbewerken | BR | 06 | 6.0 | 2.60 | 0.60 | SPMT0606-BR | ☆ | | ☆ | |
| | | 08 | 8.9 | 3.00 | 0.80 | SPMT0808-BR | ☆ | | ☆ | |
| | | 12 | 12.65 | 4.00 | 1.20 | SPMT1212-BR | ☆ | | ☆ | |
| | | 18 | 18.6 | 5.50 | 1.20 | SPMT1812-BR | ☆ | | ☆ | |

K91 N23

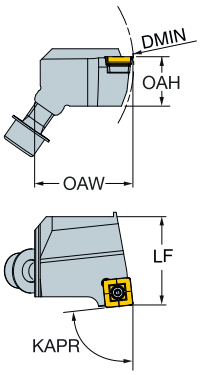
# Cassette voor CoroBore® XL

KAPR 84°





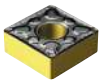
SPMT



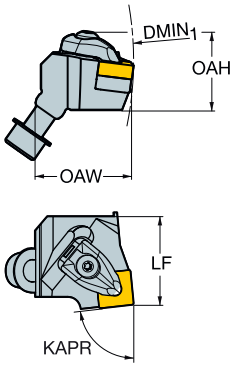

| DMIN1 | | CZCMS | Bestelnummer | Afmetingen, mm LF | HF | WF | OAH | OAL | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.0 | 12 | S12 | S12-R820XLR40SSYP12 | 40.00 | 22.40 | 42.00 | 30.16 | 43.30 | 0.250 | 1 | SPMT 1210-BM |

KAPR 84°





SNMM
SNMG
SNMA, SNGA




| DMIN1 | | CZCMS | Bestelnummer | Afmetingen, mm LF | LPR | HF | WF | OAH | OAL | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.0 | 15 | S12 | S12-R820XLR40DSYN15 | 40.00 | 41.80 | 20.00 | 42.00 | 39.70 | 43.80 | 0.310 | 1 | SNMG 15 06 08 |

Zie voor wisselplaten de Draaigereedschappencatalogus
Ga voor reserveonderdelen naar www.sandvik.coromant.com

K32 N23 N15

# Fijnkotteren

| | Gereedschaps-concept | Diameterbereik, mm | Gat-tolerantie | Snijkant | Bewerking | Wisselplaatkeuze | Koppeling machinezijde | Pagina |
|---|---|---|---|---|---|---|---|---|
| **CoroBore® 824**  | Conventioneel | 1-20 | IT6 | - Volhardmetalen baren<br>- Hardmetalen baren met wisselplaat | - Eénsnijder | - CoroTurn® 107<br>- CoroTurn® XS | - Coromant Capto®<br>- Coromant EH | K35-K37 |
| **391.37A/B**  | Conventioneel | 3-36 | IT6 | - Volhardmetalen baren<br>- Hardmetalen baren met wisselplaat<br>- Stalen baren met wisselplaat | - Eénsnijder | - CoroTurn® 107<br>- Massieve baren met geslepen geometrie | - Coromant Capto®<br>- HSK | K38-K40 |
| **CoroBore® 826 HP**  | Conventioneel | 35-154 | IT6 | - Instelbare cassettes | - Eénsnijder | - CoroTurn® 107 | - Coromant Capto® | K48-K50 |
| **CoroBore™ 825**  | Conventioneel | 19-167 | IT6 | - Instelbare cassettes | - Kotteren met één snijkant<br>- Trekkend kotteren | - CoroTurn® 107 | - Coromant Capto®<br>- Cilindrische schacht<br>- Coromant EH | K43-K50 |
|  | Lichtgewicht | 69-167 | IT6 | - Instelbare cassettes | - Kotteren met één snijkant<br>- Trekkend kotteren | - CoroTurn® 107 | - Coromant Capto® | K51 |
|  | Gedempt | 19-167 | IT6 | - Instelbare cassettes | - Kotteren met één snijkant<br>- Trekkend kotteren | - CoroTurn® 107 | - Coromant Capto® | K52 |
| **CoroBore® 825 XL/CoroBore® 826 XL**  | Conventioneel | 148-315<br>298-1275 | IT6 | - Instelbare cassettes | - Kotteren met één snijkant Trekkend kotteren Uitwendig kotteren | - CoroTurn® 107 | - Coromant Capto®<br>- 40X met 4 bout cirkel | K53-K61<br>K62-K65 |
|  | Lichtgewicht | 148-315 | IT6 | - Instelbare cassettes | - Kotteren met één snijkant<br>- Trekkend kotteren<br>- Uitwendig kotteren | - CoroTurn® 107 | - Coromant Capto®<br>- 40S met 4 bout cirkel | K56-K59 |
|  | Gedempt | 148-315 | IT6 | - Instelbare cassettes | - Kotteren met één snijkant<br>- Trekkend kotteren<br>- Uitwendig kotteren | - CoroTurn® 107 | - A33 gedempte adapter? | K60-K61 |

# CoroBore® 824

## Fijnkotteren van kleine diameters

### Toepassing

- Fijnkotteren
- Kotteren met één snijkant



### ISO toepassingsgebied

P M K N S H

### Voordelen en kenmerken

- Breed diameterbereik, van 1-20 mm
- Verhoogde toegankelijkheid met Coromant Capto en Coromant EH modulaire koppelingen in kleine diameters
- Fijnkottergereedschap met precisie diameterinstelling van 2 micron (noniusschaal) voor nauwe toleranties IT6
- CoroTurn® XS wisselplaten kunnen worden gebruikt vanaf een diameter van 1 mm
- Volhardmetalen kotterbaren met standaard CoroTurn® 107 wisselplaat leverbaar vanaf diameter 6 mm
- Betere toegankelijkheid met kleine kotterkopdiameters, waardoor het mogelijk is om te kotteren op moeilijk bereikbare plaatsen
- Star systeem voor maximale stabiliteit met interne koelmiddeltoevoer

www.sandvik.coromant.com/corobore824

### Klemhouders

Koppelingen:
- Coromant Capto®
- Coromant EH

### Wisselplaten en snijgereedschappen

Standaardwisselplaten met specifieke geometrieën en hardmetaalsoorten voor alle materialen
- CoroTurn® XS
- CoroTurn® 107

| $DCON_{WS}$ | RPMX | ADJRG (mm) |
|---|---|---|
| 4 | 28000 | 1 |
| 6 | 20000 | 1 |
| 8 | 14000 | 1 |
| 10 | 10000 | 1.5 |



- CoroTurn® XS voor gaten met kleine diameter. Raadpleeg de Draaicatalogus voor het assortiment.



Stelt de diameter in met een nauwkeurigheid van 0,002 mm met een noniusschaal. Bij een omwenteling van 360° verandert de diameter met 0,5 mm.

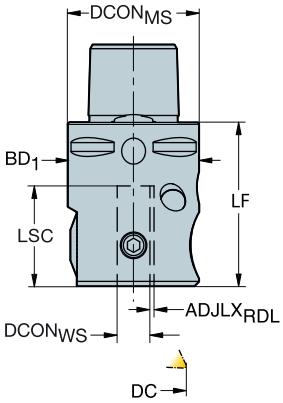
# Coromant Capto® naar CoroTurn® XS adapter

**CoroBore® 824 XS**

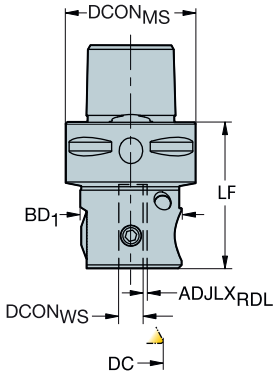
**Inwendige koelvloeistoftoevoer**



DSGN 1




2



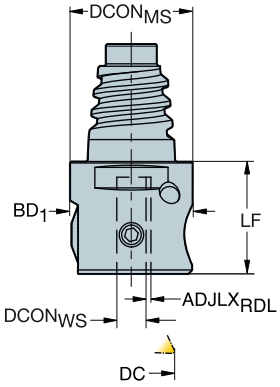

| | | | | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | $CZC_{MS}$ | $CZC_{WS}$ | CNSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | $ADJLX_{RDL}$ | LF | BAR | KG |
| 1.00 | 6.00 | C3 | 4 | 3 | 2 | C3-R824XS04-021 | 32.00 | 4.00 | 1.00 | 36.00 | 20 | 0.213 |
| 6.00 | 10.00 | C3 | 6 | 3 | 2 | C3-R824XS06-016 | 32.00 | 6.00 | 1.00 | 36.00 | 20 | 0.210 |
| 10.00 | 14.00 | C3 | 8 | 3 | 1 | C3-R824XS08-015 | 32.00 | 8.00 | 1.00 | 40.00 | 20 | 0.269 |
| 14.00 | 20.00 | C4 | 10 | 3 | 1 | C4-R824XS10-017 | 40.00 | 10.00 | 1.50 | 42.00 | 20 | 0.451 |

# Coromant EH naar CoroTurn® XS adapter

**CoroBore® 824 XS**

**Inwendige koelvloeistoftoevoer**






| | | | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | $CZC_{MS}$ | $CZC_{WS}$ | CNSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | $ADJLX_{RDL}$ | LF | BAR | KG |
| 1.00 | 6.00 | E25 | 4 | 1 | EH25-R824XS04-008 | 24.20 | 4.00 | 1.00 | 23.00 | 20 | 0.174 |
| 6.00 | 10.00 | E25 | 6 | 1 | EH25-R824XS06-003 | 24.20 | 6.00 | 1.00 | 23.00 | 20 | 0.172 |
| 10.00 | 14.00 | E25 | 8 | 1 | EH25-R824XS08-013 | 24.20 | 8.00 | 1.00 | 38.00 | 20 | 0.285 |
| 14.00 | 20.00 | E25 | 10 | 1 | EH25-R824XS10-013 | 24.20 | 10.00 | 1.50 | 38.00 | 20 | 0.368 |

**Let op:**

Voor gebruik met CoroTurn® XS kotterbaar voor kotteren

Ga voor reserveonderdelen naar www.sandvik.coromant.com

L2 N23 N15

# CoroTurn® XS kotterbaar voor kotteren

**CXS-aansluiting - interne koelmiddeltoevoer**

**Volhardmetalen baar met wisselplaat**

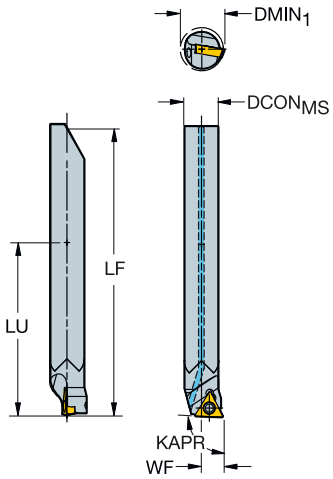




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

KAPR 92°




| DMIN1 | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | LU | LF | WF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.0 | 05 | 6 | 1 | **CXS-06-06 030TC05** | 6.00 | 30.00 | 49.90 | 3.00 | 20 | 0.028 | 1 | TCEX 05 01 00L-F |
| 8.0 | 05 | 6 | 1 | **CXS-06-08 030TC05** | 6.00 | 30.00 | 49.90 | 4.00 | 20 | 0.031 | 1 | TCEX 05 01 00L-F |
| 10.0 | 06 | 8 | 1 | **CXS-08-10 040TC06** | 8.00 | 40.00 | 64.04 | 5.00 | 20 | 0.050 | 1 | TCMT 06 T1 02 |
| 12.0 | 06 | 8 | 1 | **CXS-08-12 040TC06** | 8.00 | 40.00 | 64.04 | 6.00 | 20 | 0.050 | 1 | TCMT 06 T1 02 |
| 14.0 | 09 | 10 | 1 | **CXS-10-14 050TC09** | 10.00 | 50.00 | 73.17 | 7.00 | 20 | 0.104 | 1 | TCMT 09 02 02 |
| 17.0 | 09 | 10 | 1 | **CXS-10-17 050TC09** | 10.00 | 50.00 | 73.17 | 8.50 | 20 | 0.106 | 1 | TCMT 09 02 02 |

Aanbevolen adapters: CoroBore 824XS

Ga voor reserveonderdelen naar www.sandvik.coromant.com

Zie voor wisselplaten de Draaigereedschappencatalogus


K36



N23



N15

# 391.37A/B Fijnkotterkop

## Kotteren van kleine diameters en kopsteken

### Toepassing

- Fijnkotteren
- Kopsteken



### Voordelen en kenmerken

- Kotterbaren met verhoogde prestaties speciaal voor zijn lengte/ diameter ratio
- Flexibele oplossingen voor een breder diameterbereik (3-36 mm)
- Perfect voor smalle O-ringgroeven
- 391.37B Hoge snelheid fijnkotterkop met een rotatiesnelheid van 20.000 tpm
- Kies tussen conventionele (.37A) en hoge snelheid (.37B) fijnkotterkop:
- Inwendige koelvloeistoftoevoer
- Diam. verstelling: 0.002 mm

### Klemhouders

Koppelingen:
- Coromant Capto®
- Coromant EH

### Wisselplaten

Standaardwisselplaten met specifieke geometrieën en hardmetaalsoorten voor alle materialen
- CoroTurn® XS
- CoroTurn® 107
- CoroCut® MB - 09FA

### 391.37A/B Fijnkotterkop

| $DCON_{WS}$ | Max. toerental: RPMX | Diameter bereik ADJRG (mm) |
|---|---|---|
| 12 | 7000 | 3 |
| 16 | 5000 | 3 |
| 20 | 3500 | 5 |

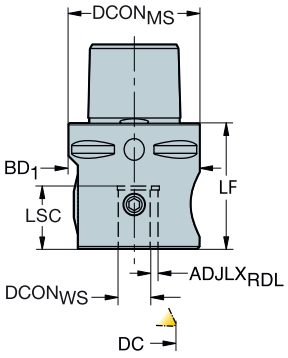


Stelt de diameter in met een nauwkeurigheid van 0,002 mm met een noniusschaal. Bij een omwenteling van 360° verandert de diameter met 0,5 mm.

# Coromant Capto® naar fijnkotterkop-adapter

**Inwendige koelvloeistoftoevoer**

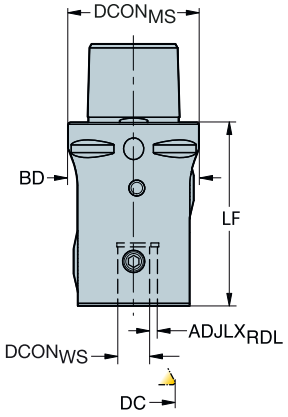





## 391.37A adapter

| DCN | DCX | CZC$_{MS}$ | CZC$_{WS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | ADJLX$_{RDL}$ | LF | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.00 | 26.00 | C4 | 12 | 3 | **C4-391.37A-12 055B** | 40.00 | 12.00 | 3.00 | 55.00 | 20 | 0.714 |
| 3.00 | 26.00 | C5 | 12 | 3 | **C5-391.37A-12 048B** | 50.00 | 12.00 | 3.00 | 48.00 | 20 | 0.799 |
| 3.00 | 32.00 | C5 | 16 | 3 | **C5-391.37A-16 070A** | 50.00 | 16.00 | 3.00 | 70.00 | 20 | 1.450 |
| 3.00 | 32.00 | C6 | 16 | 3 | **C6-391.37A-16 075A** | 63.00 | 16.00 | 3.00 | 75.00 | 20 | 1.896 |
| 17.00 | 36.00 | C5 | 20 | 3 | **C5-391.37A-20 085A** | 50.00 | 20.00 | 5.00 | 85.00 | 20 | 1.616 |
| 17.00 | 36.00 | C6 | 20 | 3 | **C6-391.37A-20 085A** | 63.00 | 20.00 | 5.00 | 85.00 | 20 | 2.886 |






## 391.37B adapter met instelbaar tegengewicht

| DCN | DCX | CZC$_{MS}$ | CZC$_{WS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | ADJLX$_{RDL}$ | LF | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.00 | 26.00 | C5 | 12 | 3 | **C5-391.37B-12 070B** | 50.00 | 12.00 | 3.00 | 70.00 | 20 | 1.090 |

Voor gebruik met R429U/R429 90 kotterbaren

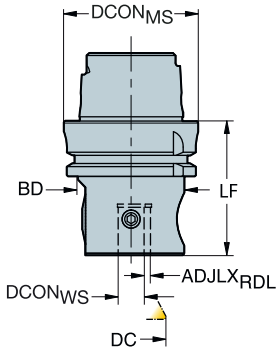
Ga voor reserveonderdelen naar www.sandvik.coromant.com

L2 M26 N23 N15

# HSK naar fijnkotterkop adapter

**Inwendige koelvloeistoftoevoer**

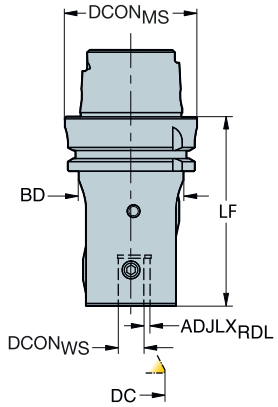





## 391.37A adapter

| DCN | DCX | $CZC_{MS}$ | $CZC_{WS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $DCON_{WS}$ | ISO | $ADJLX_{RDL}$ | LF | $BD_1$ | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.00 | 26.00 | 63 | 12 | 1 | 392.41037A-6312063B | 63.00 | 12.00 | A | 3.00 | 63.00 | 50.00 | 20 | 1.181 |
| 3.00 | 26.00 | 100 | 12 | 1 | 392.41037A-10012076B | 100.00 | 12.00 | A | 3.00 | 76.00 | 50.00 | 20 | 2.700 |
| 3.00 | 32.00 | 63 | 16 | 1 | 392.41037A-6316085A | 63.00 | 16.00 | A | 3.00 | 85.00 | 63.00 | 20 | 1.770 |
| 17.00 | 36.00 | 63 | 20 | 1 | 392.41037A-63 20 100A | 63.00 | 20.00 | A | 5.00 | 100.00 | 80.00 | 20 | 2.788 |






## 391.37B adapter met instelbaar tegengewicht

| DCN | DCX | $CZC_{MS}$ | $CZC_{WS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $DCON_{WS}$ | ISO | $ADJLX_{RDL}$ | LF | $BD_1$ | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.00 | 26.00 | 63 | 12 | 1 | 392.41037B-6312090B | 63.00 | 12.00 | A | 3.00 | 90.00 | 50.00 | 20 | 1.502 |

Voor gebruik met R429U/R429 90 kotterbaren

Ga voor reserveonderdelen naar www.sandvik.coromant.com

L2 M26 N23 N15

# Kotterbaar met wisselplaat voor fijnkotterkoppen

**Cilindrische schacht - interne koelmiddeltoevoer**

**Stalen baar**

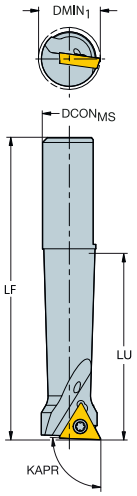
KAPR 92°






TCMT, TCMX,
TCGT, TCGX
TCEX


TCMW




| DMIN1 | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | LU | LF | WF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.0 | 06 | 12 | 1 | R429U-A12-08028TC06 | 12.00 | 28.00 | 54.00 | 4.00 | 20 | 0.036 | 1 | TCMT 06 T1 02 |
| 8.0 | 06 | 12 | 1 | R429U-A12-08040TC06 | 12.00 | 40.00 | 66.00 | 4.00 | 20 | 0.040 | 1 | TCMT 06 T1 02 |
| 11.0 | 06 | 12 | 1 | R429U-A12-11039TC06 | 12.00 | 39.00 | 65.00 | 5.50 | 20 | 0.048 | 1 | TCMT 06 T1 02 |
| 11.0 | 06 | 12 | 1 | R429U-A12-11055TC06 | 12.00 | 55.00 | 81.00 | 5.50 | 20 | 0.053 | 1 | TCMT 06 T1 02 |
| 14.0 | 09 | 12 | 1 | R429U-A12-14042TC09 | 12.00 | 42.00 | 68.00 | 7.00 | 20 | 0.060 | 1 | TCMT 09 02 02 |
| 14.0 | 09 | 12 | 1 | R429U-A12-14060TC09 | 12.00 | 60.00 | 86.00 | 7.00 | 20 | 0.070 | 1 | TCMT 09 02 02 |
| 17.0 | 09 | 12 | 1 | R429U-A12-17042TC09 | 12.00 | 42.00 | 68.00 | 8.50 | 20 | 0.060 | 1 | TCMT 09 02 02 |
| 17.0 | 09 | 12 | 1 | R429U-A12-17060TC09 | 12.00 | 60.00 | 86.00 | 8.50 | 20 | 0.071 | 1 | TCMT 09 02 02 |
| 20.0 | 09 | 12 | 1 | R429U-A12-20042TC09 | 12.00 | 42.00 | 68.00 | 10.00 | 20 | 0.063 | 1 | TCMT 09 02 02 |
| 20.0 | 09 | 12 | 1 | R429U-A12-20060TC09 | 12.00 | 60.00 | 86.00 | 10.00 | 20 | 0.072 | 1 | TCMT 09 02 02 |
| 8.0 | 06 | 16 | 1 | R429U-A16-08028 TC06A | 16.00 | 28.00 | 89.00 | 4.00 | 20 | 0.114 | 1 | TCMT 06 T1 02 |
| 8.0 | 06 | 16 | 1 | R429U-A16-08040TC06 | 16.00 | 40.00 | 101.00 | 4.00 | 20 | 0.103 | 1 | TCMT 06 T1 02 |
| 11.0 | 06 | 16 | 1 | R429U-A16-11039 TC06A | 16.00 | 39.00 | 100.00 | 5.50 | 20 | 0.124 | 1 | TCMT 06 T1 02 |
| 11.0 | 06 | 16 | 1 | R429U-A16-11055TC06 | 16.00 | 55.00 | 116.00 | 5.50 | 20 | 0.120 | 1 | TCMT 06 T1 02 |
| 14.0 | 09 | 16 | 1 | R429U-A16-14049 TC09A | 16.00 | 49.00 | 110.00 | 1.50 | 20 | 0.148 | 1 | TCMT 09 02 02 |
| 14.0 | 09 | 16 | 1 | R429U-A16-14070TC09 | 16.00 | 70.00 | 131.00 | 7.00 | 20 | 0.156 | 1 | TCMT 09 02 02 |
| 17.0 | 09 | 16 | 1 | R429U-A16-17056 TC09A | 16.00 | 56.00 | 117.00 | 8.50 | 20 | 0.165 | 1 | TCMT 09 02 02 |
| 17.0 | 09 | 16 | 1 | R429U-A16-17080TC09 | 16.00 | 80.00 | 141.00 | 8.50 | 20 | 0.193 | 1 | TCMT 09 02 02 |
| 20.0 | 09 | 16 | 1 | R429U-A16-20056 TC09A | 16.00 | 56.00 | 117.00 | 10.00 | 20 | 7.400 | 1 | TCMT 09 02 02 |
| 20.0 | 09 | 16 | 1 | R429U-A16-20080TC09 | 16.00 | 80.00 | 141.00 | 10.00 | 20 | 0.195 | 1 | TCMT 09 02 02 |
| 23.0 | 09 | 16 | 1 | R429U-A16-23056 TC09A | 16.00 | 56.00 | 117.00 | 11.50 | 20 | 0.160 | 1 | TCMT 09 02 02 |
| 23.0 | 09 | 16 | 1 | R429U-A16-23080TC09 | 16.00 | 80.00 | 141.00 | 11.50 | 20 | 0.192 | 1 | TCMT 09 02 02 |
| 26.0 | 09 | 16 | 1 | R429U-A16-26056 TC09A | 16.00 | 56.00 | 117.00 | 13.00 | 20 | 0.160 | 1 | TCMT 09 02 02 |
| 26.0 | 09 | 16 | 1 | R429U-A16-26080TC09 | 16.00 | 80.00 | 141.00 | 13.00 | 20 | 0.194 | 1 | TCMT 09 02 02 |
| 17.0 | 09 | 20 | 1 | R429U-A20-17060 TC09A | 20.00 | 60.00 | 134.00 | 8.50 | 20 | 0.260 | 1 | TCMT 09 02 02 |
| 20.0 | 09 | 20 | 1 | R429U-A20-20070 TC09A | 20.00 | 70.00 | 144.00 | 10.00 | 20 | 0.270 | 1 | TCMT 09 02 02 |
| 23.0 | 09 | 20 | 1 | R429U-A20-23070 TC09A | 20.00 | 70.00 | 144.00 | 11.50 | 20 | 0.290 | 1 | TCMT 09 02 02 |
| 26.0 | 09 | 20 | 1 | R429U-A20-26070 TC09A | 20.00 | 70.00 | 144.00 | 13.00 | 20 | 0.290 | 1 | TCMT 09 02 02 |

Aanbevolen adapters:
A12: 391.37A/B
A16 en A20: 391.37A

Ga voor reserveonderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus


K39


M26



N23



N15

# Kotterbaar met wisselplaat voor fijnkotterkoppen

**Cilindrische schacht - interne koelmiddeltoevoer**

**Hardmetalen baar met gesoldeerde stalen kop**

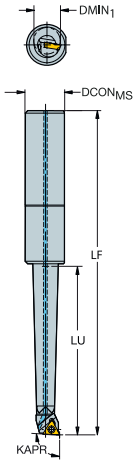




TCMT, TCMX, TCGT, TCGX TCEX

TCMW

KAPR 92°



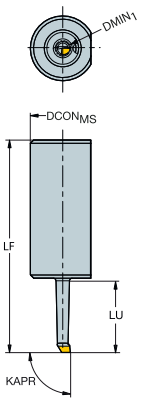

| DMIN1 | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | LU | LF | WF | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.0 | 06 | 16 | 1 | R429U-E16-08048TC06 | 16.00 | 48.00 | 109.00 | 4.00 | 20 | 0.130 | 1 | TCMT 06 T1 02 |
| 11.0 | 06 | 16 | 1 | R429U-E16-11066TC06 | 16.00 | 66.00 | 127.00 | 5.50 | 20 | 0.170 | 1 | TCMT 06 T1 02 |
| 14.0 | 09 | 16 | 1 | R429U-E16-14084TC09 | 16.00 | 84.00 | 145.00 | 7.00 | 20 | 0.275 | 1 | TCMT 09 02 02 |
| 17.0 | 09 | 16 | 1 | R429U-E16-17096TC09 | 16.00 | 96.00 | 157.00 | 8.50 | 20 | 0.391 | 1 | TCMT 09 02 02 |
| 20.0 | 09 | 16 | 1 | R429U-E16-20096TC09 | 16.00 | 96.00 | 157.00 | 10.00 | 20 | 0.394 | 1 | TCMT 09 02 02 |
| 23.0 | 09 | 16 | 1 | R429U-E16-23096TC09 | 16.00 | 96.00 | 157.00 | 11.50 | 20 | 0.395 | 1 | TCMT 09 02 02 |
| 26.0 | 09 | 16 | 1 | R429U-E16-26096TC09 | 16.00 | 96.00 | 157.00 | 13.00 | 20 | 0.395 | 1 | TCMT 09 02 02 |

Zie voor wisselplaten de Draaigereedschappencatalogus

## Volhardmetalen kotterbaar voor fijnkotterkop

KAPR 90°






| DMIN1 | CZCMS | CNSC | Bestelnummer | P H10F | M H10F | K H10F | N H10F | S H10F | Afmetingen, mm DCONMS | LU | LF | WF | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3.0 | 12 | 1 | R429.90-03-013-01-CB | ★ | ★ | ★ | ★ | ★ | 12.00 | 13.50 | 40.00 | 1.50 | 20 | 0.039 |
| 5.0 | 12 | 1 | R429.90-05-021-02-CB | ★ | ★ | ★ | ★ | ★ | 12.00 | 21.00 | 48.00 | 2.50 | 20 | 0.042 |

| DMIN1 | CZCMS | CNSC | Bestelnummer | Afmetingen, mm DCON | LU | LF | WF | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|
| 3.0 | 16 | 1 | R429U-E16-0301501A | 16.00 | 15.00 | 76.00 | 1.50 | 20 | 0.102 |
| 5.0 | 16 | 1 | R429U-E16-0502502A | 16.00 | 25.00 | 86.00 | 2.50 | 20 | 0.100 |

Aanbevolen adapters:
A12: A391.37A/B
A16: A391.37A

K39 M26 N23 N15

# CoroBore™ 825

## Fijnkottergereedschap voor uiterst nauwkeurig kotteren

### Toepassing

- Conventioneel fijnkotteren
- Trekkend kotteren

### ISO toepassingsgebied

P M K N S H



### Voordelen en kenmerken

- Flexibele oplossingen voor aansluiting op elke machinekoppeling; kies tussen Coromant Capto- en EH modulaire koppelingen
- Realiseer benodigde uitsteeklengte, zelfs bij kleine diameters met het EH modulaire systeem
- Betrouwbaar systeem met robuuste koppelingen tussen kop en cassette, voor stabiel en trillingsvrij kotteren
- CoroBore 825 heeft een accurate handmatige snijkantinstelling met een resolutie van 0,01 mm op de diameter
- Nauwe gattoleranties IT6
- Leverbaar als gedempt gereedschap voor trillingsvrij kotteren, zelfs bij lange uitsteeklengtes
- Koelmiddel door het gereedschap

www.sandvik.coromant.com/corobore825

### Klemhouders

Koppelingen:
- Coromant Capto®
- Coromant EH
- Cilindrische schacht

### Wisselplaten

Standaardwisselplaten met specifieke geometrieën en hardmetaalsoorten voor alle materialen
- CoroTurn® 107
- CoroTurn® 111 (niet beschikbaar als sets)



Stelt de diameter in met een nauwkeurigheid van 0,002 mm met een noniusschaal. Bij een omwenteling van 360° verandert de diameter met 0,5 mm.




Met een Silent Tools™ demper dichter bij de snijkant en een fijnkotterkop in aluminium met gereduceerde lengte, kunnen betere prestaties en een verhoogde productiviteit worden bereikt.



Tevens leverbaar als lichtgewicht gereedschappen. Kotteren van grote diameters met betere stabiliteit zonder het gereedschap te verzwaren.

# CoroBore® 826

## Fijnkottergereedschap voor uiterst nauwkeurig kotteren

### Toepassing

- Fijnkotteren met hoge nauwkeurigheid

### ISO toepassingsgebied

P M K N S H

### Voordelen en kenmerken

- Uitstekende spaanbeheersing dankzij op snijkant gericht precisiekoelmiddel tot wel 70 bar
- Koelmiddel door het gereedschap en de cassette
- Gemakkelijke instelling van gereedschap dankzij stapsgewijze klikfunctie
- Betrouwbaar systeem met robuuste koppelingen tussen kop en cassette, voor stabiel en trillingsvrij kotteren
- Nauwkeurige gattoleranties tot IT6
- CoroBore® 826 high precision stelt de snijkant in met een resolutie van 2 micrometer op de diameter



www.sandvik.coromant.com/corobore826

### Klemhouders

Koppelingen:
- Coromant Capto®

### Wisselplaten

Standaardwisselplaten met specifieke hardmetaalsoorten en geometrieën voor alle materialen
- CoroTurn® 107



Elke klik past diameter met 0,002 mm aan . Een omwenteling van 360° wijzigt de diameter met 0,1 mm. Totale diameterverandering op fijnkotterkop 1,1-1,3- mm.



Koelmiddelspuitmond met hoge precisie voor nauwkeurige koelmiddelstroom naar snijkant



Vergroot het diameterbereik door cassette-sets te gebruiken! Zie pagina K84

# CoroBore® 825 fijnkottergereedschap

**Coromant Capto® - inwendige koelmiddeltoevoer**

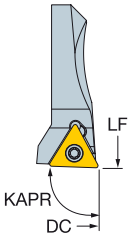


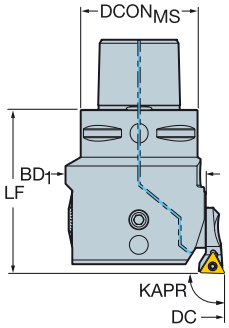


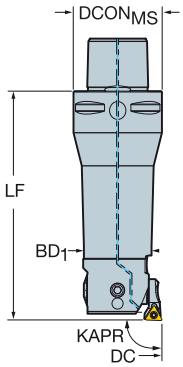
TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

KAPR 92° 92°
DSGN 1 2




| DCN | DCX | ◁▷ | CZC$_{MS}$ | CNSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | ULDR | LF | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19.00 | 23.00 | 06 | C3 | 3 | 2 | **825-23TC06-C3** | 32.00 | 2.00 | 3.00 | 89.00 | 18.00 | 70 | 0.430 | 1 | TCMT 06 T1 02 |
| 23.00 | 29.00 | 06 | C3 | 3 | 2 | **825-29TC06-C3** | 32.00 | 3.00 | 2.00 | 76.00 | 20.00 | 70 | 0.414 | 1 | TCMT 06 T1 02 |
| 23.00 | 29.00 | 06 | C4 | 3 | 2 | **825-29TC06-C4** | 40.00 | 3.00 | 2.00 | 85.00 | 20.00 | 70 | 0.897 | 1 | TCMT 06 T1 02 |
| 28.00 | 36.00 | 06 | C3 | 3 | 2 | **825-36TC06-C3** | 32.00 | 4.00 | 2.00 | 83.00 | 25.00 | 70 | 0.692 | 1 | TCMT 06 T1 02 |
| 28.00 | 36.00 | 06 | C4 | 3 | 2 | **825-36TC06-C4** | 40.00 | 4.00 | 2.00 | 95.00 | 25.00 | 70 | 0.992 | 1 | TCMT 06 T1 02 |
| 35.00 | 45.00 | 09 | C3 | 3 | 1 | **825-45TC09-C3** | 32.00 | 5.00 | | 48.00 | 32.00 | 70 | 0.641 | 1 | TCMT 09 02 04 |
| 35.00 | 45.00 | 09 | C4 | 3 | 2 | **825-45TC09-C4** | 40.00 | 5.00 | 1.50 | 83.00 | 32.00 | 70 | 1.007 | 1 | TCMT 09 02 04 |
| 44.00 | 56.00 | 09 | C4 | 3 | 1 | **825-56TC09-C4** | 40.00 | 6.00 | | 56.00 | 40.00 | 70 | 0.874 | 1 | TCMT 09 02 04 |
| 44.00 | 56.00 | 09 | C5 | 3 | 2 | **825-56TC09-C5** | 50.00 | 6.00 | 1.50 | 98.00 | 40.00 | 70 | 1.600 | 1 | TCMT 09 02 04 |
| 55.00 | 70.00 | 11 | C5 | 3 | 1 | **825-70TC11-C5** | 50.00 | 7.50 | | 66.00 | 50.00 | 70 | 1.430 | 1 | TCMT 11 03 04 |
| 55.00 | 70.00 | 11 | C6 | 3 | 2 | **825-70TC11-C6** | 63.00 | 7.50 | 1.50 | 120.00 | 50.00 | 70 | 2.620 | 1 | TCMT 11 03 04 |
| 69.00 | 87.00 | 11 | C5 | 3 | 1 | **825-87TC11-C5** | 50.00 | 9.00 | | 70.00 | 63.00 | 70 | 1.930 | 1 | TCMT 11 03 04 |
| 69.00 | 87.00 | 11 | C6 | 3 | 1 | **825-87TC11-C6** | 63.00 | 9.00 | | 78.00 | 63.00 | 70 | 2.360 | 1 | TCMT 11 03 04 |
| 86.00 | 107.00 | 11 | C5 | 3 | 1 | **825-107TC11-C5** | 50.00 | 10.50 | | 76.00 | 80.00 | 70 | 2.240 | 1 | TCMT 11 03 04 |
| 86.00 | 107.00 | 11 | C6 | 3 | 1 | **825-107TC11-C6** | 63.00 | 10.50 | | 90.00 | 80.00 | 70 | 3.180 | 1 | TCMT 11 03 04 |
| 106.00 | 137.00 | 11 | C6 | 3 | 1 | **825-137TC11-C6** | 63.00 | 15.50 | | 90.00 | 100.00 | 70 | 3.792 | 1 | TCMT 11 03 04 |
| 106.00 | 137.00 | 11 | C8 | 3 | 1 | **825-137TC11-C8** | 80.00 | 15.50 | | 100.00 | 100.00 | 70 | 5.045 | 1 | TCMT 11 03 04 |
| 136.00 | 167.00 | 11 | C6 | 3 | 1 | **825-167TC11-C6** | 63.00 | 15.50 | | 90.00 | 130.00 | 70 | 4.430 | 1 | TCMT 11 03 04 |
| 136.00 | 167.00 | 11 | C8 | 3 | 1 | **825-167TC11-C8** | 80.00 | 15.50 | | 100.00 | 130.00 | 70 | 5.570 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.
Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K89
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus
Voor alle DSGN 2; LU = DC*ULDR


L2



N23



N15


K89

# CoroBore® 825 fijnkottergereedschap

**Cilindrische schacht - interne koelmiddeltoevoer**

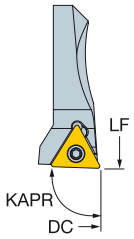




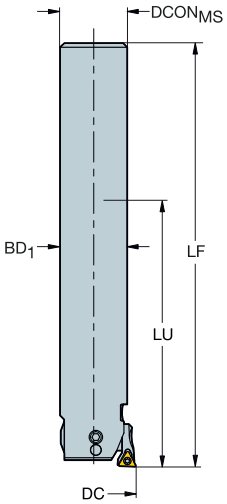
TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

KAPR




92°




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LU | LF | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19.00 | 23.00 | 06 | 18 | 1 | **825-23TC06-A18** | 18.00 | 2.00 | 77.00 | 128.00 | 18.00 | 70 | 0.731 | 1 | TCMT 06 T1 02 |
| 23.00 | 29.00 | 06 | 20 | 1 | **825-29TC06-A20** | 20.00 | 3.00 | 81.00 | 132.00 | 20.00 | 70 | 0.606 | 1 | TCMT 06 T1 02 |
| 28.00 | 36.00 | 06 | 25 | 1 | **825-36TC06-A25** | 25.00 | 4.00 | 101.00 | 158.00 | 25.00 | 70 | 0.951 | 1 | TCMT 06 T1 02 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K89

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15 K89

# CoroBore® 825 fijnkottergereedschap

**Coromant EH-koppeling - interne koelmiddeltoevoer**





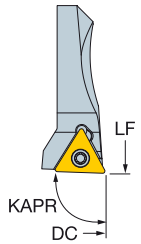


TCMT, TCMX,
TCGT, TCGX
TCEX

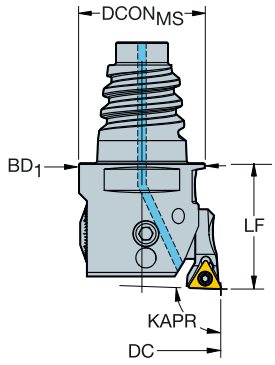


TCMW

KAPR




92°




| DCN | DCX | ⟷ | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19.00 | 23.00 | 06 | E16 | 1 | **825-23TC06-EH16** | 15.50 | 2.00 | 25.00 | 18.00 | 70 | 0.500 | 1 | TCMT 06 T1 02 |
| 23.00 | 29.00 | 06 | E20 | 1 | **825-29TC06-EH20** | 19.30 | 3.00 | 25.00 | 20.00 | 70 | 0.600 | 1 | TCMT 06 T1 02 |
| 28.00 | 36.00 | 06 | E25 | 1 | **825-36TC06-EH25** | 24.20 | 4.00 | 25.00 | 25.00 | 70 | 0.687 | 1 | TCMT 06 T1 02 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K89

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15 K89

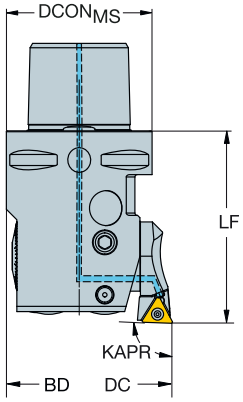
# CoroBore® 826 fijnkottergereedschap

**Coromant Capto® - Precisie koelmiddeltoevoer**

KAPR 92°








TCMT, TCMX, TCGT, TCGX TCEX

TCMW

| DCN | DCX | ◁▷ | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 35.45 | 36.55 | 09 | C3 | 3 | 826-36TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.566 | 1 | TCMT 09 02 04 |
| 36.45 | 37.55 | 09 | C3 | 3 | 826-37TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.565 | 1 | TCMT 09 02 04 |
| 37.45 | 38.55 | 09 | C3 | 3 | 826-38TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.631 | 1 | TCMT 09 02 04 |
| 38.45 | 39.55 | 09 | C3 | 3 | 826-39TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.640 | 1 | TCMT 09 02 04 |
| 39.45 | 40.55 | 09 | C3 | 3 | 826-40TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.647 | 1 | TCMT 09 02 04 |
| 40.45 | 41.55 | 09 | C3 | 3 | 826-41TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.290 | 1 | TCMT 09 02 04 |
| 41.45 | 42.55 | 09 | C3 | 3 | 826-42TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.290 | 1 | TCMT 09 02 04 |
| 42.45 | 43.55 | 09 | C3 | 3 | 826-43TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.290 | 1 | TCMT 09 02 04 |
| 43.45 | 44.55 | 09 | C3 | 3 | 826-44TC09-C3HP | 32.00 | 0.55 | 48.00 | 32.00 | 70 | 0.290 | 1 | TCMT 09 02 04 |
| 44.45 | 45.55 | 09 | C4 | 3 | 826-45TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.591 | 1 | TCMT 09 02 04 |
| 45.45 | 46.55 | 09 | C4 | 3 | 826-46TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.570 | 1 | TCMT 09 02 04 |
| 46.45 | 47.55 | 09 | C4 | 3 | 826-47TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 1.104 | 1 | TCMT 09 02 04 |
| 47.45 | 48.55 | 09 | C4 | 3 | 826-48TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.570 | 1 | TCMT 09 02 04 |
| 48.45 | 49.55 | 09 | C4 | 3 | 826-49TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.570 | 1 | TCMT 09 02 04 |
| 49.45 | 50.55 | 09 | C4 | 3 | 826-50TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.918 | 1 | TCMT 09 02 04 |
| 50.45 | 51.55 | 09 | C4 | 3 | 826-51TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.570 | 1 | TCMT 09 02 04 |
| 51.45 | 52.55 | 09 | C4 | 3 | 826-52TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.940 | 1 | TCMT 09 02 04 |
| 52.45 | 53.55 | 09 | C4 | 3 | 826-53TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.570 | 1 | TCMT 09 02 04 |
| 53.45 | 54.55 | 09 | C4 | 3 | 826-54TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.570 | 1 | TCMT 09 02 04 |
| 54.45 | 55.55 | 09 | C4 | 3 | 826-55TC09-C4HP | 40.00 | 0.55 | 56.00 | 40.00 | 70 | 0.570 | 1 | TCMT 09 02 04 |
| 55.35 | 56.65 | 11 | C5 | 3 | 826-56TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.397 | 1 | TCMT 11 03 04 |
| 56.35 | 57.65 | 11 | C5 | 3 | 826-57TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.455 | 1 | TCMT 11 03 04 |
| 57.35 | 58.65 | 11 | C5 | 3 | 826-58TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.414 | 1 | TCMT 11 03 04 |
| 58.35 | 59.65 | 11 | C5 | 3 | 826-59TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 59.35 | 60.65 | 11 | C5 | 3 | 826-60TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.466 | 1 | TCMT 11 03 04 |
| 60.35 | 61.65 | 11 | C5 | 3 | 826-61TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 61.35 | 62.65 | 11 | C5 | 3 | 826-62TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 62.35 | 63.65 | 11 | C5 | 3 | 826-63TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.426 | 1 | TCMT 11 03 04 |
| 63.35 | 64.65 | 11 | C5 | 3 | 826-64TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.503 | 1 | TCMT 11 03 04 |
| 64.35 | 65.65 | 11 | C5 | 3 | 826-65TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.520 | 1 | TCMT 11 03 04 |
| 65.35 | 66.65 | 11 | C5 | 3 | 826-66TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 66.35 | 67.65 | 11 | C5 | 3 | 826-67TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 67.35 | 68.65 | 11 | C5 | 3 | 826-68TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 68.35 | 69.65 | 11 | C5 | 3 | 826-69TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 69.35 | 70.65 | 11 | C5 | 3 | 826-70TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.455 | 1 | TCMT 11 03 04 |
| 70.35 | 71.65 | 11 | C5 | 3 | 826-71TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 71.35 | 72.65 | 11 | C5 | 3 | 826-72TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.070 | 1 | TCMT 11 03 04 |
| 72.35 | 73.65 | 11 | C5 | 3 | 826-73TC11-C5HP | 50.00 | 0.65 | 66.00 | 50.00 | 70 | 1.557 | 1 | TCMT 11 03 04 |
| 73.35 | 74.65 | 11 | C6 | 3 | 826-74TC11-C6HP | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 74.35 | 75.65 | 11 | C6 | 3 | 826-75TC11-C6HP | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 75.35 | 76.65 | 11 | C6 | 3 | 826-76TC11-C6HP | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 2.400 | 1 | TCMT 11 03 04 |
| 76.35 | 77.65 | 11 | C6 | 3 | 826-77TC11-C6HP | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 77.35 | 78.65 | 11 | C6 | 3 | 826-78TC11-C6HP | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 78.35 | 79.65 | 11 | C6 | 3 | 826-79TC11-C6HP | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15 K89

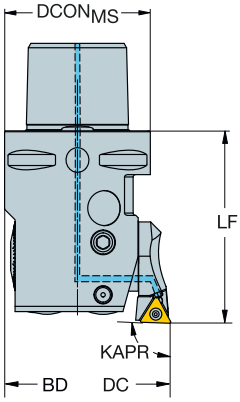
# CoroBore® 826 fijnkottergereedschap

**Coromant Capto® - Precisie koelmiddeltoevoer**

KAPR 92°








TCMT, TCMX, TCGT, TCGX TCEX

TCMW

| DCN | DCX | ⟷ | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79.35 | 80.65 | 11 | C6 | 3 | **826-80TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 80.35 | 81.65 | 11 | C6 | 3 | **826-81TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 81.35 | 82.65 | 11 | C6 | 3 | **826-82TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 82.35 | 83.65 | 11 | C6 | 3 | **826-83TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 83.35 | 84.65 | 11 | C6 | 3 | **826-84TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 84.35 | 85.65 | 11 | C6 | 3 | **826-85TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 85.35 | 86.65 | 11 | C6 | 3 | **826-86TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 86.35 | 87.65 | 11 | C6 | 3 | **826-87TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 87.35 | 88.65 | 11 | C6 | 3 | **826-88TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 88.35 | 89.65 | 11 | C6 | 3 | **826-89TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 89.35 | 90.65 | 11 | C6 | 3 | **826-90TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |
| 90.35 | 91.65 | 11 | C6 | 3 | **826-91TC11-C6HP** | 63.00 | 0.65 | 78.00 | 63.00 | 70 | 1.940 | 1 | TCMT 11 03 04 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Zie voor wisselplaten de Draaigereedschappencatalogus


L2



N23



N15

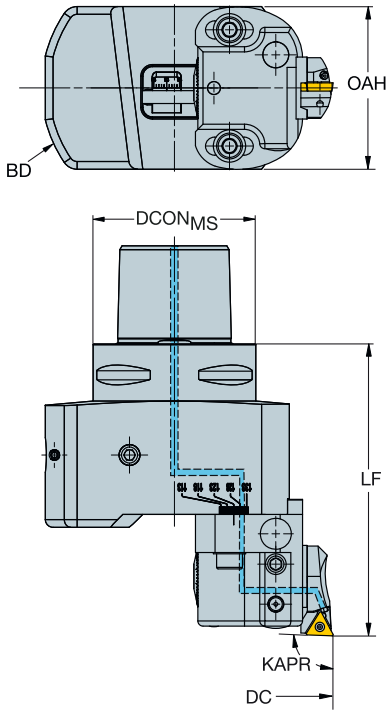

K89

# CoroBore® 826 fijnkottergereedschap

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 92°








TCMT, TCMX, TCGT, TCGX TCEX

TCMW

| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | OAH | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Afmetingen, mm | | | | | | | | |
| 91.35 | 112.65 | 11 | C6 | 3 | **826-112TC11-C6HP** | 63.00 | 10.65 | 113.00 | 63.00 | 85.00 | 70 | 3.215 | 1 | TCMT 11 03 04 |
| 112.35 | 133.65 | 11 | C6 | 3 | **826-133TC11-C6HP** | 63.00 | 10.65 | 113.00 | 63.00 | 105.00 | 70 | 3.645 | 1 | TCMT 11 03 04 |
| 133.35 | 154.65 | 11 | C6 | 3 | **826-154TC11-C6HP** | 63.00 | 10.65 | 113.00 | 63.00 | 125.00 | 70 | 3.940 | 1 | TCMT 11 03 04 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

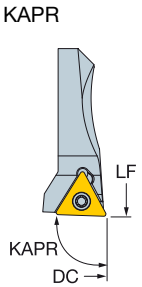
Zie voor wisselplaten de Draaigereedschappencatalogus

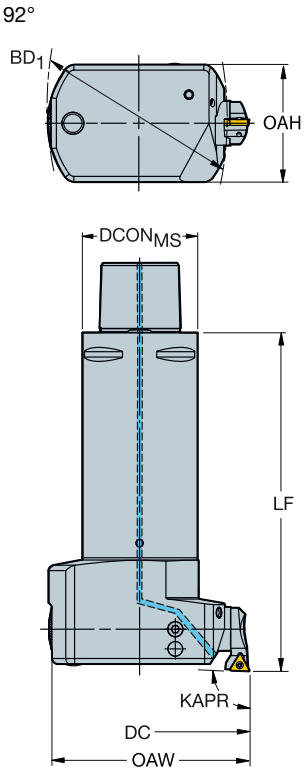
L2 N23 N15 K89

# CoroBore® 825 lichtgewicht fijnkottergereedschap

**Coromant Capto® - inwendige koelmiddeltoevoer**








TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| DCN | DCX | | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69.00 | 87.00 | 11 | C5 | 3 | **825L-87TC11-C5** | 50.00 | 9.00 | 150.00 | 51.00 | 63.00 | 70 | 2.150 | 1 | TCMT 11 03 04 |
| 86.00 | 107.00 | 11 | C5 | 3 | **825L-107TC11-C5** | 50.00 | 10.50 | 156.00 | 51.00 | 80.00 | 70 | 2.230 | 1 | TCMT 11 03 04 |
| 106.00 | 137.00 | 11 | C6 | 3 | **825L-137TC11-C6** | 63.00 | 15.50 | 190.00 | 64.00 | 100.00 | 70 | 3.970 | 1 | TCMT 11 03 04 |
| 106.00 | 137.00 | 11 | C8 | 3 | **825L-137TC11-C8** | 80.00 | 15.50 | 200.00 | 80.00 | 100.00 | 70 | 4.885 | 1 | TCMT 11 03 04 |
| 136.00 | 167.00 | 11 | C8 | 3 | **825L-167TC11-C8** | 80.00 | 15.50 | 200.00 | 80.00 | 130.00 | 70 | 5.160 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K89

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15 K89

# CoroBore® 825 gedempt fijnkottergereedschap

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 92° 92°
DSGN 1 2

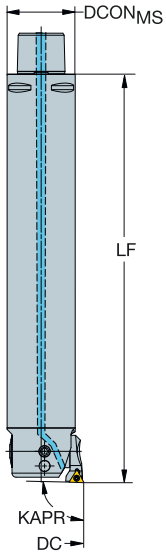
SilentTools

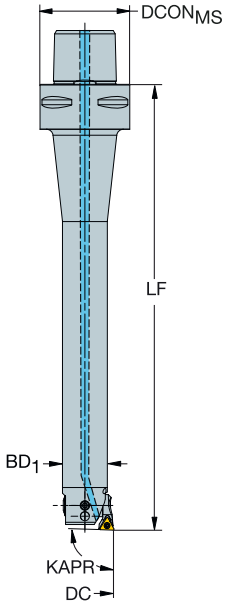




TCMT, TCMX, TCGT, TCGX TCEX

TCMW




| DCN | DCX | ⟷ | CZCMS | CNSC | DSGN | Bestelnummer | Afmetingen, mm DCONMS | ADJLXRDL | ULDR | LF | OAH | BD1 | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19.00 | 23.00 | 06 | C4 | 3 | 2 | 825D-23TC06U-C4L | 40.00 | 2.00 | 6.00 | 163.00 | | 18.00 | 70 | 0.568 | 1 | TCMT 06 T1 02 |
| 23.00 | 29.00 | 06 | C4 | 3 | 2 | 825D-29TC06U-C4L | 40.00 | 3.00 | 6.00 | 199.00 | | 20.00 | 70 | 0.728 | 1 | TCMT 06 T1 02 |
| 28.00 | 36.00 | 06 | C3 | 3 | 2 | 825D-36TC06U-C3L | 32.00 | 4.00 | 6.00 | 216.00 | | 25.00 | 70 | 0.968 | 1 | TCMT 06 T1 02 |
| 35.00 | 45.00 | 09 | C3 | 3 | 1 | 825D-45TC09U-C3L | 32.00 | 5.00 | | 221.00 | | 32.00 | 70 | 1.484 | 1 | TCMT 09 02 04 |
| 35.00 | 45.00 | 09 | C4 | 3 | 2 | 825D-45TC09U-C4L | 40.00 | 5.00 | 6.00 | 270.00 | | 32.00 | 70 | 1.924 | 1 | TCMT 09 02 04 |
| 35.00 | 45.00 | 09 | C6 | 3 | 2 | 825D-45TC09U-C6L | 63.00 | 5.00 | 6.00 | 297.00 | | 32.00 | 70 | 2.574 | 1 | TCMT 09 02 04 |
| 44.00 | 56.00 | 09 | C4 | 3 | 1 | 825D-56TC09U-C4L | 40.00 | 6.00 | | 220.00 | | 40.00 | 70 | 2.124 | 1 | TCMT 09 02 04 |
| 44.00 | 56.00 | 09 | C5 | 3 | 2 | 825D-56TC09U-C5L | 50.00 | 6.00 | 6.00 | 336.00 | | 40.00 | 70 | 3.744 | 1 | TCMT 09 02 04 |
| 44.00 | 56.00 | 09 | C6 | 3 | 2 | 825D-56TC09U-C6L | 63.00 | 6.00 | 6.00 | 363.00 | | 40.00 | 70 | 4.384 | 1 | TCMT 09 02 04 |
| 55.00 | 70.00 | 11 | C5 | 3 | 1 | 825D-70TC11U-C5M | 50.00 | 7.50 | | 300.00 | | 50.00 | 70 | 4.940 | 1 | TCMT 11 03 04 |
| 55.00 | 70.00 | 11 | C6 | 3 | 2 | 825D-70TC11U-C6M | 63.00 | 7.50 | 5.60 | 400.00 | | 50.00 | 70 | 6.789 | 1 | TCMT 11 03 04 |
| 69.00 | 87.00 | 11 | C6 | 3 | 1 | 825D-87TC11U-C6M | 63.00 | 9.00 | | 400.00 | | 63.00 | 70 | 9.659 | 1 | TCMT 11 03 04 |
| 69.00 | 87.00 | 11 | C8 | 3 | 2 | 825D-87TC11U-C8S | 80.00 | 9.00 | 5.60 | 500.00 | | 63.00 | 70 | 12.869 | 1 | TCMT 11 03 04 |
| 86.00 | 107.00 | 11 | C6 | 3 | 1 | 825D-107TC11U-C6M | 63.00 | 10.50 | | 400.00 | 64.00 | 80.00 | 70 | 9.729 | 1 | TCMT 11 03 04 |
| 86.00 | 107.00 | 11 | C8 | 3 | 1 | 825D-107TC11U-C8M | 80.00 | 10.50 | | 500.00 | | 80.00 | 70 | 18.089 | 1 | TCMT 11 03 04 |
| 86.00 | 107.00 | 11 | C8 | 3 | 1 | 825D-107TC11U-C8S | 80.00 | 10.50 | | 410.00 | | 80.00 | 70 | 15.669 | 1 | TCMT 11 03 04 |
| 106.00 | 137.00 | 11 | C6 | 3 | 1 | 825D-137TC11U-C6M | 63.00 | 15.50 | | 400.00 | 64.00 | 100.00 | 70 | 9.809 | 1 | TCMT 11 03 04 |
| 106.00 | 137.00 | 11 | C8 | 3 | 1 | 825D-137TC11U-C8M | 80.00 | 15.50 | | 500.00 | 81.00 | 100.00 | 70 | 18.199 | 1 | TCMT 11 03 04 |
| 106.00 | 137.00 | 11 | C8 | 3 | 1 | 825D-137TC11U-C8S | 80.00 | 15.50 | | 400.00 | 81.00 | 100.00 | 70 | 15.759 | 1 | TCMT 11 03 04 |
| 136.00 | 167.00 | 11 | C8 | 3 | 1 | 825D-167TC11U-C8S | 80.00 | 15.50 | | 500.00 | 81.00 | 130.00 | 70 | 18.359 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K89

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15 K89

# CoroBore® 825 XL/CoroBore® 826 XL

## Fijnkottergereedschap voor grote diameters

### Toepassing

- Fijnkotteren
- Trekkend kotteren
- Uitwendige bewerkingen

### ISO toepassingsgebied

P M K N S H



### Voordelen en kenmerken

- Betrouwbaar systeem met robuuste koppelingen tussen kop en cassette, voor stabiel en trillingsvrij kotteren
- Specifieke gereedschapshouders geoptimaliseerd voor het kotteren van grote diameters
- Nauwkeurig gattoleranties (tot IT5 voor CoroBore 826)
- Cassette ontworpen voor de hoogste stabiliteit
- Koelvloeistof door het gereedschap
- Diameter 298-1275 mm gemaakt van aluminium met hoge treksterkte, waardoor het gewicht wordt gereduceerd
- Voorzien van een harde coating, voor bescherming van het oppervlak
- Gebruik slede-uitbreidingen voor radiale afstelling en trekkend kotteren
- Sterke modulaire basis voor het bouwen van gereedschapssamenstellingen in verschillende toepassingen (voorkotteren, fijnkotteren, kopsteken, spiro groeffrezen en interpolerende draaien

www.sandvik.coromant.com/corobore825

SilentTools®

### Klemhouders

Koppelingen:
- Coromant Capto®
- Doorn

### Wisselplaten

Standaardwisselplaten met speciale hardmetaalsoorten en geometrieën voor alle materialen
- CoroTurn® 107

### Diam. verstelling:

825 - Stelt de diameter in met een nauwkeurigheid van 0,002 mm met een noniusschaal. Bij een omwenteling van 360° verandert de diameter met 0,5 mm.

826 - Elke klik past de diameter 0met ,002 mm aan. Een omwenteling van A 360° wijzigt de diameter met 0,1 mm. Totale diameterverandering op fijnkotterkop 1,1-1,3 mm.



Koelmiddelspuitmond met hoge precisie voor nauwkeurige koolmiddelstroom naar snijkant

Leverbaar als lichtgewicht gereedschappen. Kotteren van grote diameters zonder het gereedschap te verzwaren.



Gebruik dezelfde brug/bruguitbreiding voor voorbewerken en nabewerken vanaf diameter 150 mm (contragewicht nodig voor nabewerken).



Gebruik slede-uitbreidingen voor radiale afstelling en trekkend kotteren



# CoroBore® 825 XL fijnkottergereedschap

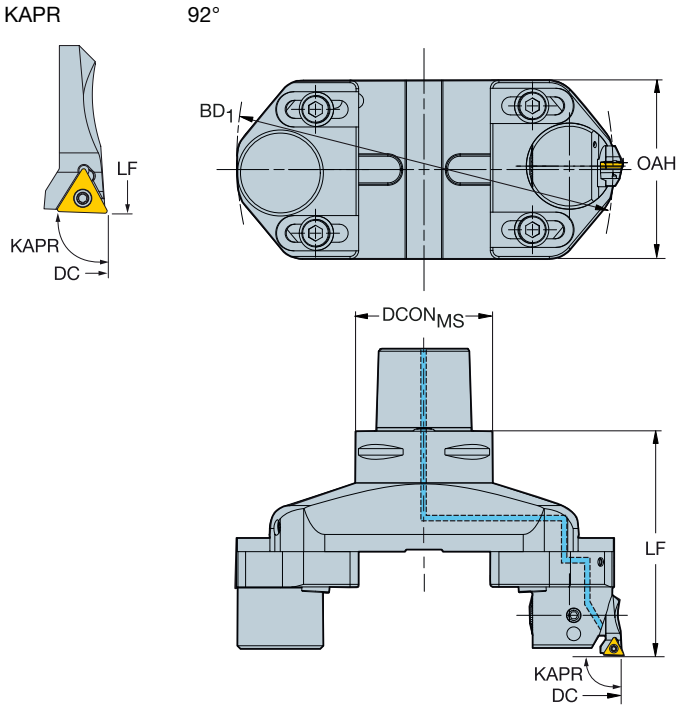
**Coromant Capto® - inwendige koelmiddeltoevoer**





TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | OAH | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 215.00 | 11 | C6 | 3 | **825-215TC11-C6** | 63.00 | 33.50 | 118.00 | 104.00 | 145.00 | 70 | 4.534 | 1 | TCMT 11 03 04 |
| 148.00 | 215.00 | 11 | C8 | 3 | **825-215TC11-C8** | 80.00 | 33.50 | 130.00 | 104.00 | 145.00 | 70 | 7.500 | 1 | TCMT 11 03 04 |
| 148.00 | 215.00 | 11 | C10 | 3 | **825-215TC11-C10** | 100.00 | 33.50 | 136.00 | 104.00 | 145.00 | 70 | 9.460 | 1 | TCMT 11 03 04 |
| 198.00 | 265.00 | 11 | C6 | 3 | **825-265TC11-C6** | 63.00 | 33.50 | 118.00 | 104.00 | 195.00 | 70 | 4.750 | 1 | TCMT 11 03 04 |
| 198.00 | 265.00 | 11 | C8 | 3 | **825-265TC11-C8** | 80.00 | 33.50 | 130.00 | 104.00 | 195.00 | 70 | 9.100 | 1 | TCMT 11 03 04 |
| 198.00 | 265.00 | 11 | C10 | 3 | **825-265TC11-C10** | 100.00 | 33.50 | 136.00 | 104.00 | 195.00 | 70 | 10.850 | 1 | TCMT 11 03 04 |
| 248.00 | 315.00 | 11 | C6 | 3 | **825-315TC11-C6** | 63.00 | 33.50 | 118.00 | 104.00 | 245.00 | 70 | 5.400 | 1 | TCMT 11 03 04 |
| 248.00 | 315.00 | 11 | C8 | 3 | **825-315TC11-C8** | 80.00 | 33.50 | 130.00 | 104.00 | 245.00 | 70 | 10.350 | 1 | TCMT 11 03 04 |
| 248.00 | 315.00 | 11 | C10 | 3 | **825-315TC11-C10** | 100.00 | 33.50 | 136.00 | 104.00 | 245.00 | 70 | 12.570 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15 K90

# CoroBore® 826 XL fijnkottergereedschap

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR
STDNO

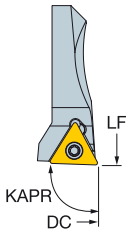
92°
ISO26623-1

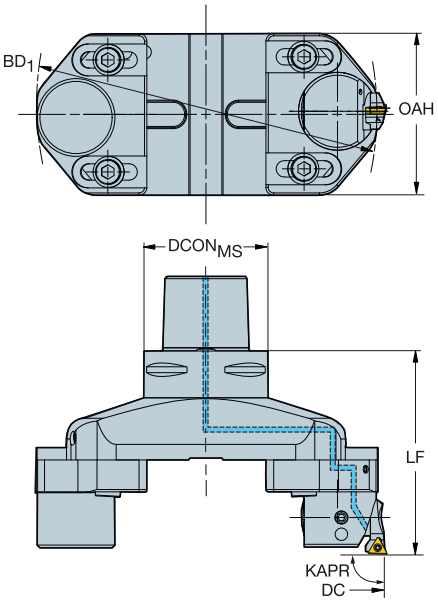




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW




| | | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | | IC | $CZC_{MS}$ | CNSC | Bestelnummer | $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR PSI | KG | CICT | MIID |
| 154.35 | 207.65 | 11 | 1/4 | C6 | 3 | 826-207TC11-C6HP | 63.00 | 26.65 | 125.00 | 104.00 | 145.00 | 70 | 3.560 | 1 | TCMT 11 03 04 |
| 154.35 | 207.65 | 11 | 1/4 | C8 | 3 | 826-207TC11-C8HP | 80.00 | 26.65 | 137.00 | 104.00 | 145.00 | 70 | 6.430 | 1 | TCMT 11 03 04 |
| 204.35 | 257.65 | 11 | 1/4 | C6 | 3 | 826-257TC11-C6HP | 63.00 | 26.65 | 125.00 | 104.00 | 195.00 | 70 | 3.880 | 1 | TCMT 11 03 04 |
| 204.35 | 257.65 | 11 | 1/4 | C8 | 3 | 826-257TC11-C8HP | 80.00 | 26.65 | 137.00 | 104.00 | 195.00 | 70 | 7.630 | 1 | TCMT 11 03 04 |
| 254.35 | 307.65 | 11 | 1/4 | C6 | 3 | 826-307TC11-C6HP | 63.00 | 26.65 | 125.00 | 104.00 | 245.00 | 70 | 4.240 | 1 | TCMT 11 03 04 |
| 254.35 | 307.65 | 11 | 1/4 | C8 | 3 | 826-307TC11-C8HP | 80.00 | 26.65 | 137.00 | 104.00 | 245.00 | 70 | 8.720 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.
Trekkend kotteren wordt niet aanbevolen met CoroBore® 826
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K92
Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94

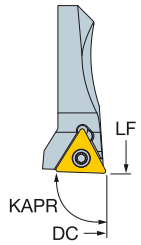
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

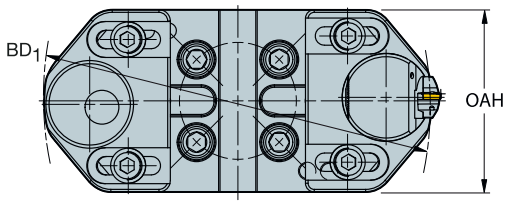
L2 N23 N15 K90

# CoroBore® 825 XL lichtgewicht fijnkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**



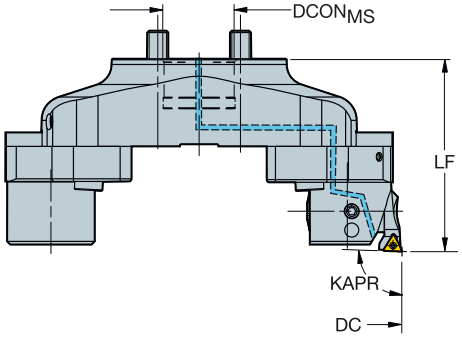





TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW




| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | OAH | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Afmetingen, mm | | | | | | | | |
| 148.00 | 215.00 | 11 | 40S | 1 | **825L-215TC11** | 40.00 | 33.50 | 110.00 | 104.00 | 145.00 | 70 | 4.450 | 1 | TCMT 11 03 04 |
| 198.00 | 265.00 | 11 | 40S | 1 | **825L-265TC11** | 40.00 | 33.50 | 110.00 | 104.00 | 195.00 | 70 | 4.920 | 1 | TCMT 11 03 04 |
| 248.00 | 315.00 | 11 | 40S | 1 | **825L-315TC11** | 40.00 | 33.50 | 110.00 | 104.00 | 245.00 | 70 | 5.370 | 1 | TCMT 11 03 04 |

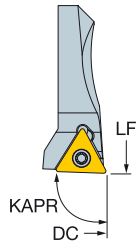
Gebruik met 40S vlakfreesopnames, voorbeeld C8-391.05-40 060M. A.u.b. afzonderlijk bestellen.
Diameters gelden voor frontaal kotteren.
Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90
Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

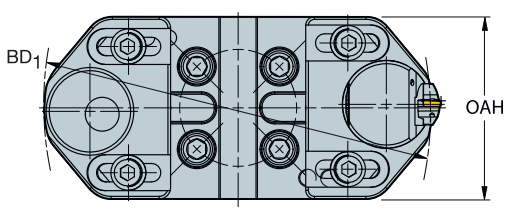
L2 N23 N15 K90

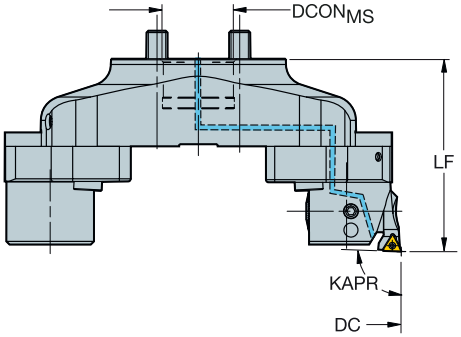
# CoroBore® 826 XL lichtgewicht fijnkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**








TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ISO | ADJLX$_{RDL}$ | LF | OAH | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 154.35 | 207.65 | 11 | 40S | 1 | **826L-207TC11HP** | 40.00 | C | 26.65 | 117.00 | 104.00 | 145.00 | 70 | 3.310 | 1 | TCMT 11 03 04 |
| 204.35 | 257.65 | 11 | 40S | 1 | **826L-257TC11HP** | 40.00 | C | 26.65 | 117.00 | 104.00 | 195.00 | 70 | 3.650 | 1 | TCMT 11 03 04 |
| 254.35 | 307.65 | 11 | 40S | 1 | **826L-307TC11HP** | 40.00 | C | 26.65 | 117.00 | 104.00 | 245.00 | 70 | 4.320 | 1 | TCMT 11 03 04 |

Gebruik met 40S vlakfreesopnames, voorbeeld C8-391.05-40 060M. A.u.b. afzonderlijk bestellen.
Trekkend kotteren wordt niet aanbevolen met CoroBore® 826
Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90
Diameters gelden voor frontaal kotteren.

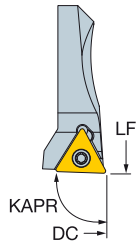
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

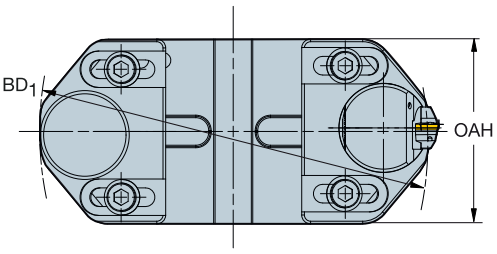
L2 N23 N15 K90

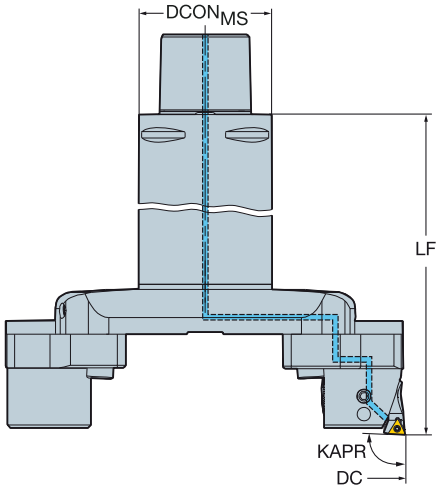
# CoroBore® 825 XL lichtgewicht fijnkottergereedschap

**Coromant Capto® - inwendige koelmiddeltoevoer**








TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| DCN | DCX | ⟷ | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 215.00 | 11 | C8 | 3 | **825L-215TC11-C8** | 80.00 | 33.50 | 230.00 | 104.00 | 145.00 | 70 | 7.640 | 1 | TCMT 11 03 04 |
| 198.00 | 265.00 | 11 | C8 | 3 | **825L-265TC11-C8** | 80.00 | 33.50 | 230.00 | 104.00 | 195.00 | 70 | 8.320 | 1 | TCMT 11 03 04 |
| 248.00 | 315.00 | 11 | C8 | 3 | **825L-315TC11-C8** | 80.00 | 33.50 | 230.00 | 104.00 | 245.00 | 70 | 8.680 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

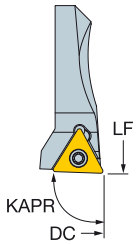
L2 N23 N15 K90

# CoroBore® 826 XL lichtgewicht fijnkottergereedschap

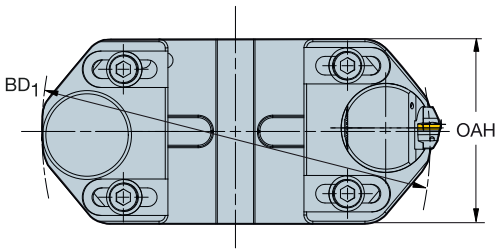
**Coromant Capto® - inwendige koelmiddeltoevoer**

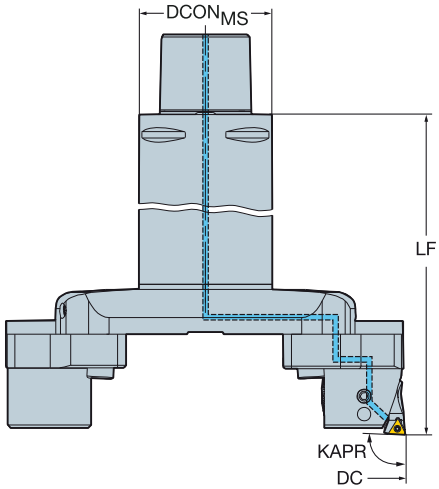


KAPR




92°






TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| DCN | DCX | ↔ | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 154.35 | 207.65 | 11 | C8 | 3 | **826L-207TC11-C8HP** | 80.00 | 26.65 | 237.00 | 104.00 | 145.00 | 70 | 6.300 | 1 | TCMT 11 03 04 |
| 204.35 | 257.65 | 11 | C8 | 3 | **826L-257TC11-C8HP** | 80.00 | 26.65 | 237.00 | 104.00 | 195.00 | 70 | 6.660 | 1 | TCMT 11 03 04 |
| 254.35 | 307.65 | 11 | C8 | 3 | **826L-307TC11-C8HP** | 80.00 | 26.65 | 237.00 | 104.00 | 245.00 | 70 | 7.030 | 1 | TCMT 11 03 04 |

Trekkend kotteren wordt niet aanbevolen met CoroBore® 826

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94

Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

Diameters gelden voor frontaal kotteren.

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

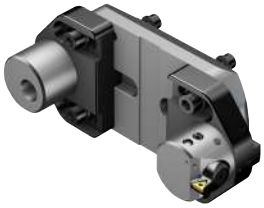
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15 K90

# CoroBore® 825 XL fijnkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

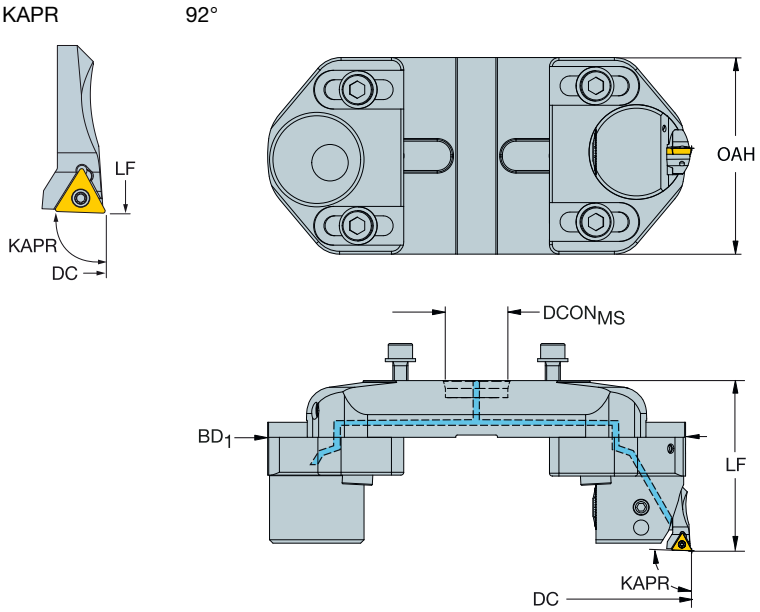
**Speciaal voor Silent Tools kotteren**





TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW




| DCN | DCX | ⟷ | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | OAH | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148.00 | 215.00 | 11 | 33 | 1 | **825D-215TC11** | 33.00 | 33.50 | 90.00 | 104.00 | 145.00 | 70 | 2.620 | 1 | TCMT 11 03 04 |
| 198.00 | 265.00 | 11 | 33 | 1 | **825D-265TC11** | 33.00 | 33.50 | 90.00 | 104.00 | 195.00 | 70 | 2.940 | 1 | TCMT 11 03 04 |
| 248.00 | 315.00 | 11 | 33 | 1 | **825D-315TC11** | 33.00 | 33.50 | 90.00 | 104.00 | 245.00 | 70 | 4.190 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

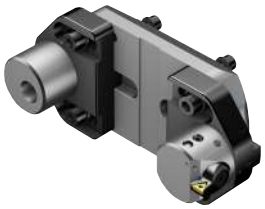
Deze lichtgewicht opstellingen zijn speciaal bedoeld voor gebruik met gedempte kotteradapters. Gedempte adapters apart aan te schaffen, zie pagina K77.
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

K77 N23 N15 K90

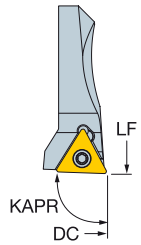
# CoroBore® 826 XL fijnkottergereedschap

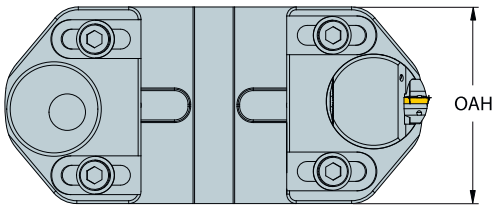
**Doornbevestiging - inwendige koelvloeistoftoevoer**

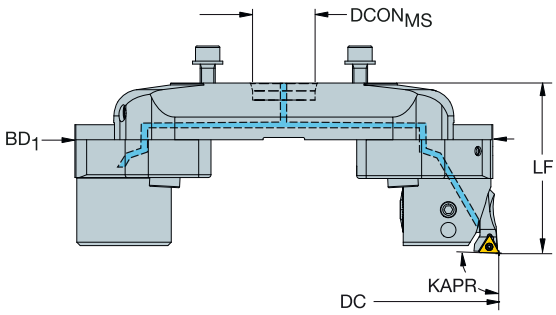
**Speciaal voor Silent Tools kotteren**



KAPR 92°






TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| DCN | DCX | | CZC$_{MS}$ | CNSC | Bestelnummer | DCON$_{MS}$ | ADJLX$_{RDL}$ | LF | OAH | BD$_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Afmetingen, mm | | | | | | | | |
| 154.35 | 207.65 | 11 | 33 | 1 | **826D-207TC11HP** | 33.00 | 26.65 | 97.00 | 104.00 | 145.00 | 70 | 2.770 | 1 | TCMT 11 03 04 |
| 204.35 | 257.65 | 11 | 33 | 1 | **826D-257TC11HP** | 33.00 | 26.65 | 97.00 | 104.00 | 195.00 | 70 | 3.110 | 1 | TCMT 11 03 04 |
| 254.35 | 307.65 | 11 | 33 | 1 | **826D-307TC11HP** | 33.00 | 26.65 | 97.00 | 104.00 | 245.00 | 70 | 3.470 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Trekkend kotteren wordt niet aanbevolen met CoroBore® 826

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94

Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

Deze lichtgewicht opstellingen zijn speciaal bedoeld voor gebruik met gedempte kotteradapters. Gedempte adapters apart aan te schaffen, zie pagina K77.

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Zie voor wisselplaten de Draaigereedschappencatalogus

K77 N23 N15 K90

# CoroBore® 825 XL fijnkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

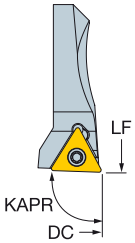




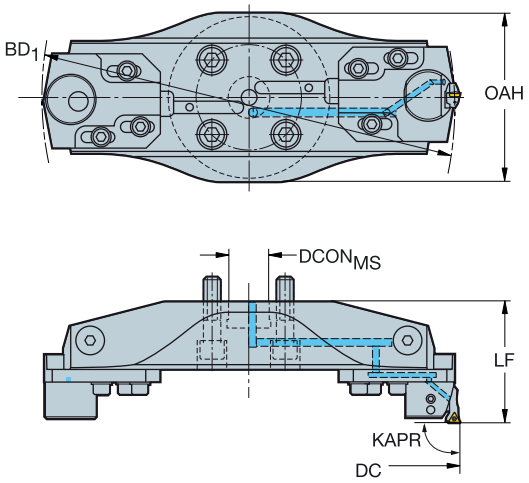
TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

KAPR




92°




| | | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | ↔ | $CZC_{MS}$ | CNSC | **Bestelnummer** | $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR | KG | CICT | MIID |
| 298.00 | 395.00 | 11 | 40X | 1 | **825-395TC11** | 40.00 | 48.50 | 114.00 | 164.00 | 295.00 | 70 | 10.385 | 1 | TCMT 11 03 04 |
| 378.00 | 475.00 | 11 | 40X | 1 | **825-475TC11** | 40.00 | 48.50 | 119.00 | 164.00 | 375.00 | 70 | 12.280 | 1 | TCMT 11 03 04 |
| 458.00 | 555.00 | 11 | 40X | 1 | **825-555TC11** | 40.00 | 48.50 | 124.00 | 164.00 | 455.00 | 70 | 16.400 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.

Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Zie voor wisselplaten de Draaigereedschappencatalogus

K76 N23 N15 K90

# CoroBore® 826 XL fijnkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

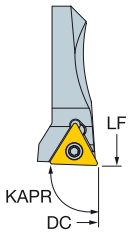




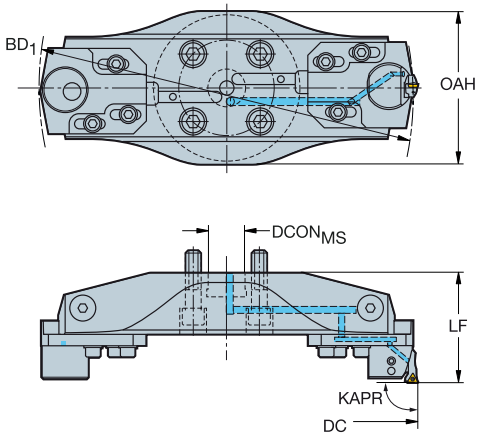
TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

KAPR




92°




| DCN | DCX | ↔ | IC | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR PSI | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 304.35 | 387.65 | 11 | 1/4 | 40X | 1 | **826-387TC11HP** | 40.00 | 41.65 | 121.00 | 164.00 | 295.00 | 70 | 8.870 | 1 | TCMT 11 03 04 |
| 384.35 | 467.65 | 11 | 1/4 | 40X | 1 | **826-467TC11HP** | 40.00 | 41.65 | 126.00 | 164.00 | 375.00 | 70 | 10.400 | 1 | TCMT 11 03 04 |
| 464.35 | 547.65 | 11 | 1/4 | 40X | 1 | **826-547TC11HP** | 40.00 | 41.65 | 131.00 | 164.00 | 455.00 | 70 | 12.340 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.
Trekkend kotteren wordt niet aanbevolen met CoroBore® 826
Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90
Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.
Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

K76 N23 N15 K90

# CoroBore® 825 XL fijnkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

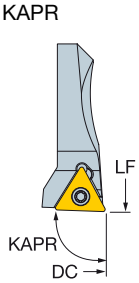
**Met brugverlenging**

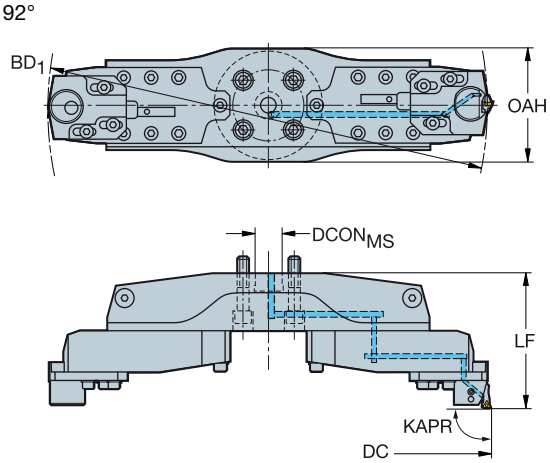




TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW




| DCN | DCX | ⟷ | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 538.00 | 795.00 | 11 | 40X | 1 | **825-795TC11** | 40.00 | 128.50 | 198.00 | 164.00 | 535.00 | 70 | 25.640 | 1 | TCMT 11 03 04 |
| 778.00 | 1035.00 | 11 | 40X | 1 | **825-1035TC11** | 40.00 | 128.50 | 218.00 | 164.00 | 775.00 | 70 | 36.830 | 1 | TCMT 11 03 04 |
| 1018.00 | 1275.00 | 11 | 40X | 1 | **825-1275TC11** | 40.00 | 128.50 | 218.00 | 164.00 | 1015.00 | 70 | 44.260 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94
Voor meer informatie over trekkend kotteren raadpleegt u pagina K92
Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.

Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Zie voor wisselplaten de Draaigereedschappencatalogus

K76 N23 N15 K90

# CoroBore® 826 XL fijnkottergereedschap

**Doornbevestiging - inwendige koelvloeistoftoevoer**

**Met brugverlenging**

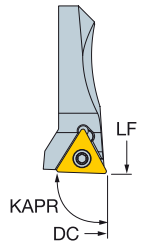




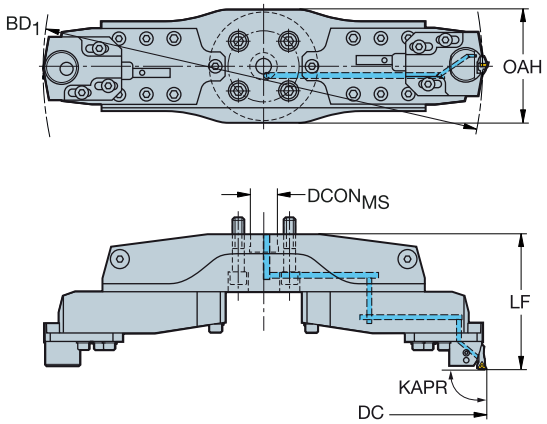
TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

KAPR




92°




| DCN | DCX | ◁▷ | $CZC_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm $DCON_{MS}$ | $ADJLX_{RDL}$ | LF | OAH | $BD_1$ | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 544.35 | 787.65 | 11 | 40X | 1 | **826-787TC11HP** | 40.00 | 121.65 | 205.00 | 164.00 | 535.00 | 70 | 24.430 | 1 | TCMT 11 03 04 |
| 784.35 | 1027.65 | 11 | 40X | 1 | **826-1027TC11HP** | 40.00 | 121.65 | 225.00 | 164.00 | 775.00 | 70 | 35.060 | 1 | TCMT 11 03 04 |
| 1024.35 | 1267.65 | 11 | 40X | 1 | **826-1267TC11HP** | 40.00 | 121.65 | 225.00 | 164.00 | 1015.00 | 70 | 44.110 | 1 | TCMT 11 03 04 |

Diameters gelden voor frontaal kotteren.

Trekkend kotteren wordt niet aanbevolen met CoroBore® 826

Voor meer informatie over uitwendig kotteren raadpleegt u pagina K94

Voor meer informatie over het gebruik van slede-uitbreidingen raadpleegt u pagina K90

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.

Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

Zie voor wisselplaten de Draaigereedschappencatalogus

K76 N23 N15 K90

# Kopsteken

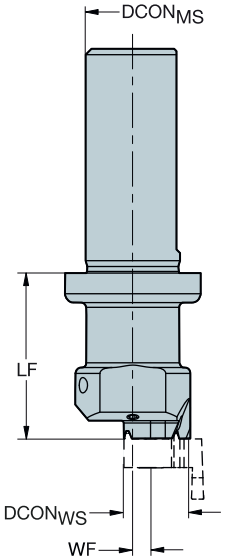
| | Diameter-bereik, mm | Gat-tolerantie | Snijkanten | Bewerking | Wisselplaat-keuze | Koppeling machinezijde | Pagina |
|---|---|---|---|---|---|---|---|
| **CoroCut® MB**  | 14-50 | IT7 | 1 | - Kopsteken | - CoroCut® MB | - Coromant Capto® | K67 |
| **CoroBore® 825 SL**  | 47-150 | IT7 | 1 | - Kopsteken | - CoroCut® | - Coromant Capto® | K68-K69 |
| **CoroBore® 825 SL XL**  | 148-1275 | IT7 | 1 | - Kopsteken | - CoroCut® | - Coromant Capto®<br>- 40X met 4 bout cirkel | K70 |
| **SpiroGrooving™**  | 30-289 | | 1 ( inwendig en uitwendig ) | - Spirogrooving | - CoroTurn® 107 | - Coromant Capto® | K71-K73 |

# Cilindrische schacht naar CoroCut® MB adapter

**Voor kopsteken**

**Inwendige koelvloeistoftoevoer**








MB...FA

| | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | WF | BAR | KG |
| 16 | 09 | 1 | **R429U-A16-14032MB09** | 16.00 | 9.00 | 32.00 | -2.00 | 20 | 0.115 |
| 16 | 09 | 1 | **R429U-A16-19030MB09** | 16.00 | 9.00 | 30.00 | 0.50 | 20 | 0.114 |
| 16 | 09 | 1 | **R429U-A16-24028MB09** | 16.00 | 9.00 | 28.00 | 3.00 | 20 | 0.120 |
| 16 | 09 | 1 | **R429U-A16-29026MB09** | 16.00 | 9.00 | 26.00 | 5.50 | 20 | 0.120 |
| 16 | 09 | 1 | **R429U-A16-34024MB09** | 16.00 | 9.00 | 24.00 | 8.00 | 20 | 0.129 |
| 16 | 09 | 1 | **R429U-A16-39022MB09** | 16.00 | 9.00 | 22.00 | 10.50 | 20 | 0.145 |
| 16 | 09 | 1 | **R429U-A16-44020MB09** | 16.00 | 9.00 | 20.00 | 13.00 | 20 | 0.153 |

Voor CoroCut® MB-snijgereedschappen, zie de draaigereedschappencatalogus

Ga voor reserveonderdelen naar www.sandvik.coromant.com

Aanbevolen adapters:

A16: 391.37A

L2 N23 N15

# CoroBore® 825 SL

## Kopsteken

### Toepassing

- Kopsteken
- Axiaal groefsteken



### ISO toepassingsgebied

P M K N S H

### Voordelen en kenmerken

- Verhoogde productiviteit vergeleken met frezen
- Uitstekende spaanbeheersing dankzij inwendig koelmiddel op de snijkant
- Bouwt voort op ons groot assortiment van standaard CoroTurn® SL-koppen en CoroCut systeem 1-2 wisselplaten. (type links, A-curve)
- Radiale fijn instelbare kopsteekgereedschappen voor voorinstelling
- Robuust ontwerp met speciale gereedschappen voor kopsteken van kleine en grote diameters
- Inwendig koelmiddel

### Klemhouders

Koppelingen:
- Coromant Capto®
- Doorn

### Wisselplaten

- CoroCut® 1-2 systeemwisselplaten
- Specifieke hardmetaalsoorten en geometrieën voor alle materialen

CoroTurn® SL-kop en wisselplaten worden afzonderlijk besteld.

825 - Stelt de diameter in met een nauwkeurigheid van 0.002 mm met een noniusschaal. Bij een omwenteling van 360° verandert de diameter met 0,5 mm.



Radiaal fijn instelbare kopsteekkoppen voor het voorinstellen met dezelfde interface als CoroBore 825 fijnkotterkop

Eerste keuze geometrieën: -CM of -TF afhankelijk van de gekozen neusradius. Aanbevolen startwaarde voor voeding: 0.15 mm/omw

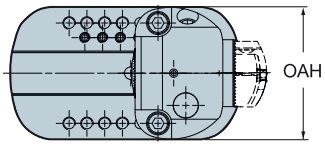
Wanneer groefsteken met een grotere breedtetolerantie is vereist, kies dan de -GF geometrie. Aanbevolen startwaarde voor voeding: 0,10 mm/omw

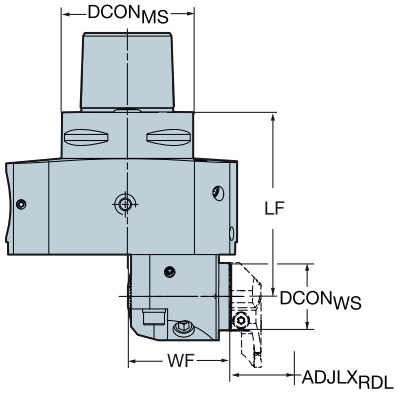


# Coromant Capto® naar CoroTurn® SL instelbare adapter

**Coromant Capto® - inwendige koelmiddeltoevoer**



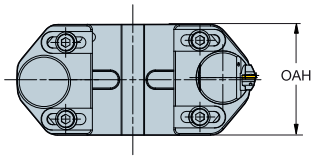


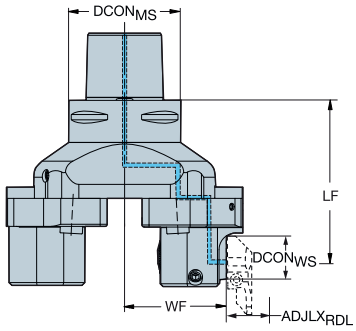




## CoroBore® 825 fijnafstelling

| | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | $ADJLX_{RDL}$ | LF | LPR | WF | OAH | OAW | BAR | KG |
| C6 | 32 | 3 | 825-150SL32-C6 | 63.00 | 32.00 | 51.50 | 88.00 | 109.00 | 5.50 | 63.40 | 106.00 | 20 | 4.320 |
| C8 | 32 | 3 | 825-150SL32-C8 | 80.00 | 32.00 | 51.50 | 96.00 | 117.00 | 5.50 | 80.40 | 106.00 | 20 | 5.470 |






## CoroBore® 825 XL

| | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | $ADJLX_{RDL}$ | LF | LPR | WF | OAH | OAW | BAR | KG |
| C8 | 32 | 3 | 825-215SL32-C8 | 80.00 | 32.00 | 33.50 | 112.00 | 133.00 | 56.00 | 104.00 | 130.00 | 20 | 8.040 |
| C8 | 32 | 3 | 825-265SL32-C8 | 80.00 | 32.00 | 33.50 | 112.00 | 133.00 | 81.00 | 104.00 | 180.00 | 20 | 9.120 |
| C8 | 32 | 3 | 825-315SL32-C8 | 80.00 | 32.00 | 33.50 | 112.00 | 133.00 | 106.00 | 104.00 | 230.00 | 20 | 10.750 |

CoroTurn® SL-kopdiameter en gereedschapsdiameterbereik moet zijn afgestemd op de vereisten van de component. Zie voor meer informatie over CoroTurn® SL-kop de draaigereedschappencatalogus

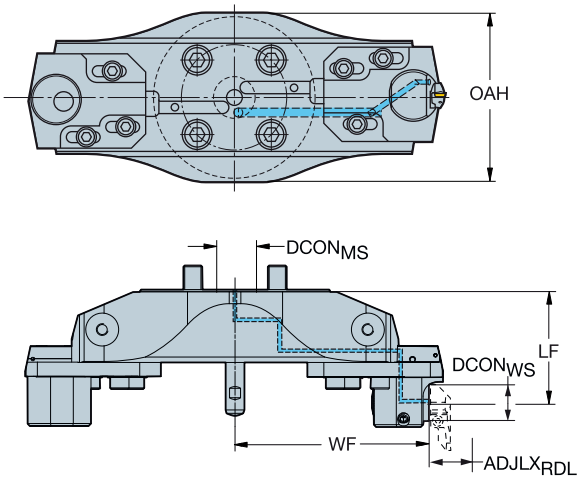
Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

L2 N23 N15

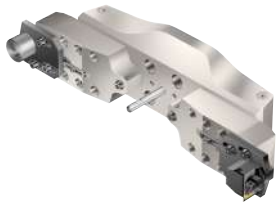
# Doornbevestiging naar CoroTurn® SL instelbare adapter

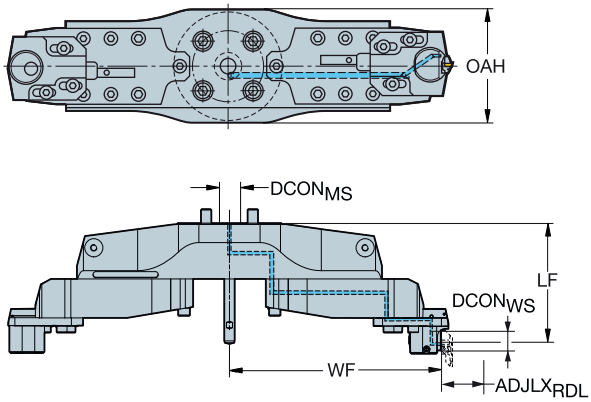
**Doornbevestiging - inwendige koelvloeistoftoevoer**






| CZCMS | CZCWS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | DCONWS | ADJLXRDL | LF | LPR | WF | OAH | OAW | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40X | 32 | 1 | 825-395SL32 | 40.00 | 32.00 | 48.50 | 96.00 | 117.00 | 131.00 | 164.00 | 334.00 | 20 | 8.980 |
| 40X | 32 | 1 | 825-475SL32 | 40.00 | 32.00 | 48.50 | 101.00 | 122.00 | 171.00 | 164.00 | 414.00 | 20 | 12.830 |
| 40X | 32 | 1 | 825-555SL32 | 40.00 | 32.00 | 48.50 | 106.00 | 127.00 | 211.00 | 104.00 | 494.00 | 20 | 12.670 |






## Met brugverlenging

| CZCMS | CZCWS | CNSC | Bestelnummer | Afmetingen, mm DCONMS | DCONWS | ADJLXRDL | LF | LPR | WF | OAH | OAW | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40X | 32 | 1 | 825-1035SL32 | 40.00 | 32.00 | 128.50 | 200.00 | 221.00 | 371.00 | 164.00 | 838.00 | 20 | 36.310 |
| 40X | 32 | 1 | 825-1275SL32 | 40.00 | 32.00 | 128.50 | 200.00 | 221.00 | 491.00 | 164.00 | 1078.00 | 20 | 43.740 |
| 40X | 32 | 1 | 825-795SL32 | 40.00 | 32.00 | 128.50 | 180.00 | 201.00 | 251.00 | 164.00 | 598.00 | 20 | 25.120 |

CoroTurn® SL-kopdiameter en gereedschapsdiameterbereik moet zijn afgestemd op de vereisten van de component. Zie voor meer informatie over CoroTurn® SL-kop de draaigereedschappencatalogus

Gebruik alleen met 40X CoroBore XL-opnames. A.u.b. afzonderlijk bestellen. Zie pagina K76.

Gebruik in geval van een directe flens op de machinespil de centreerplug, zie pagina K77

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

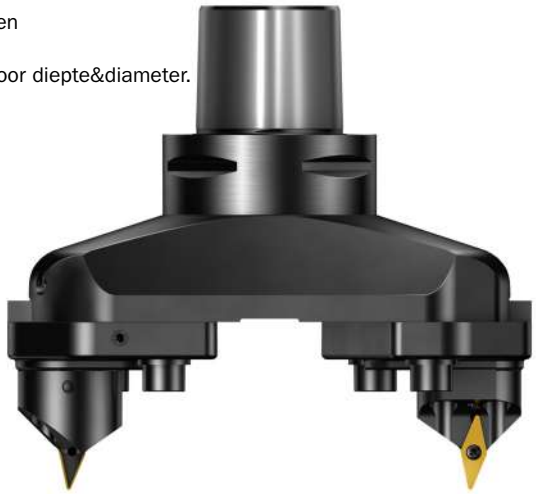
K76 N23 N15

# SpiroGrooving™

## Bewerken van afdichtingsringgroeven met maximum productiviteit

### Toepassing

- Alle 23°, R-RX en BX groeven
- Niet te gebruiken voor 45° aanschuining op het buitenste vrijloopvlak op BX-groeven
- De SpiroGrooving™-software is vereist
- Aanbevolen voor het programmeren van afmetingen met 'gemiddelde tolerantie' voor diepte&diameter.
- Breng de gegenereerde NC-code over naar de machinebesturing



### ISO toepassingsgebied:

P M K N S H

### Voordelen en kenmerken

**Procesbetrouwbaarheid**
- Gecontroleerde spaanbreking dankzij het gereedschapspad van SpiroGrooving™
- Inwendige koelvloeistof
- Trillingvrij

**Hoge productiviteit**
- Hoge machinebezettingsgraad dankzij goede spaanbeheersing
- Een uiterst efficiënte bewerkingsmethode
- Verminderde snijtijd dankzij hogere snijgegevens

**Snel en eenvoudig programmeerbaar**
- SpiroGrooving™-calculator voor het genereren van NC-codes
- Sterke modulaire basis voor het bouwen van gereedschapssamenstellingen in verschillende toepassingen (voorkotteren, fijnkotteren, kopsteken, spiro groeffrezen en interpolerende draaien)

www.sandvik.coromant.com/spirogrooving

### Klemhouders

- Coromant Capto®
- Bouwt voort op CoroBore® XL - stevig en betrouwbaar systeem voor maximale stabiliteit
- Cassettes leverbaar met axiale en radiale instelbaarheid



### Wisselplaten

- CoroTurn® 107 wisselplaten (VCMT) voor grootte 30–75 mm
- CoroTurn® 107 wisselplaten (VCMT) voor grootte 48-289 mm

SpiroGrooving maakt gebruik van een circulaire spirografische gereedschapsbeweging in een conus. Hierdoor zijn de spanen dunner, waardoor een lichte snijactie mogelijk is met een hogere voeding. Delen van de wisselplaatsnijkant hebben een onderbroken snijgedrag waarmee wordt voorkomen dat spanen zich om het gereedschap en de spil ophopen.

SpiroGrooving is een unieke oplossing voor veilig en productief bewerken van afdichtingsringgroeven op niet-roterende componenten. Verkrijg het complete pakket voor deze unieke bewerkingsmethode met gereedschappen en NC-codegenerator.

### Vraagt u zich af hoe u moet programmeren?

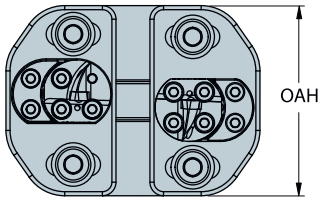
Met de SpiroGrooving NC-codegenerator krijgt u in een paar snelle stappen uw NC-codes.
NC-codegenerator – invoer groefgeometrie en snijparameters en ontvang de NC-codes

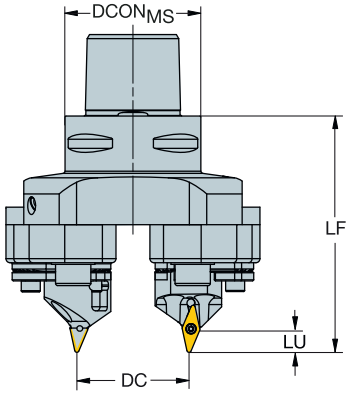
# CoroBore® XL verstelbaar gereedschap voor SpiroGrooving™

**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 67°








VCMT

**Radiaal en axiaal instelbaar**

| DCN | DCX | | $CZC_{MS}$ | CNSC | Bestelnummer | $DCON_{MS}$ | $ADJLX_{RDL}$ | LU | LF | OAH | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Afmetingen, mm | | | | | | | | |
| 30.00 | 75.60 | 11 | C5 | 1 | **820-75VC11X-C5** | 50.00 | 22.80 | 9.00 | 87.00 | 70.00 | 80 | 2.655 | 1 | VBMT 11 03 04 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15

# CoroBore® XL verstelbaar gereedschap voor SpiroGrooving™

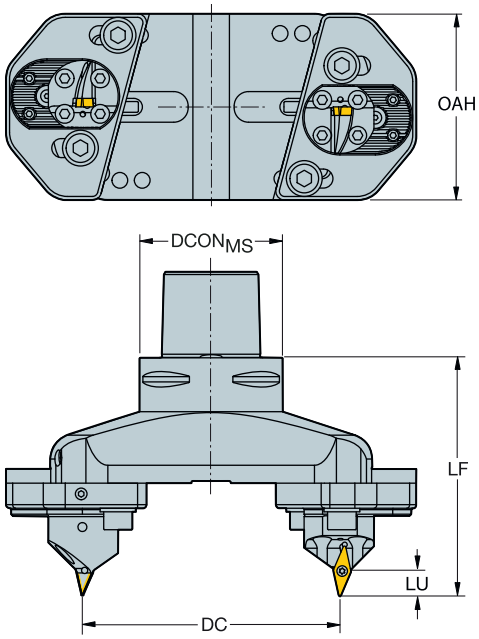
**Coromant Capto® - inwendige koelmiddeltoevoer**

KAPR 67°





VBMT




**Radiaal en axiaal instelbaar**

| | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DCN | DCX | ↔ | $CZC_{MS}$ | CNSC | **Bestelnummer** | $DCON_{MS}$ | $ADJLX_{RDL}$ | LU | LF | OAH | BAR | KG | CICT | MIID |
| 48.00 | 139.60 | 16 | C6 | 1 | **820-139VB16X-C6** | 63.00 | 45.80 | 15.00 | 121.00 | 104.00 | 80 | 5.060 | 1 | VBMT 16 04 08 |
| 48.00 | 139.60 | 16 | C8 | 1 | **820-139VB16X-C8** | 80.00 | 45.80 | 15.00 | 133.00 | 104.00 | 80 | 6.390 | 1 | VBMT 16 04 08 |
| 98.00 | 189.60 | 16 | C6 | 1 | **820-189VB16X-C6** | 63.00 | 45.80 | 15.00 | 121.00 | 104.00 | 80 | 6.210 | 1 | VBMT 16 04 08 |
| 98.00 | 189.60 | 16 | C8 | 1 | **820-189VB16X-C8** | 80.00 | 45.80 | 15.00 | 133.00 | 104.00 | 80 | 7.620 | 1 | VBMT 16 04 08 |
| 148.00 | 239.60 | 16 | C8 | 1 | **820-239VB16X-C8** | 80.00 | 45.80 | 15.00 | 133.00 | 104.00 | 80 | 8.820 | 1 | VBMT 16 04 08 |
| 198.00 | 289.60 | 16 | C8 | 1 | **820-289VB16X-C8** | 80.00 | 45.80 | 15.00 | 133.00 | 104.00 | 80 | 9.860 | 1 | VBMT 16 04 08 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie voor wisselplaten de Draaigereedschappencatalogus

L2 N23 N15

# Interpolatie draaien

## Draaien van het onmogelijk te draaien materiaal

### Toepassing

Een nieuwe bewerkingsontwikkeling, genaamd "Interpolatiedraaien" is ontwikkeld voor geavanceerde bewerkingscentra en B-as multi-task machines.



### ISO toepassingsgebied

P M K N S H

### Voordelen en kenmerken

- Flexibele oplossing die het mogelijk maakt om bewerkingscentra te gebruiken met modulaire gereedschapsconfiguraties in plaats van speciale kottermachines met U- of W-as vlakkoppen
- De component kan volledig worden bewerkt zonder dat deze hoeft te worden verplaatst. Dit is bijzonder gunstig voor grote, asymmetrische componenten
- Lagere investeringskosten voor gereedschap
- Gebouwd op CoroBore® XL - een star en betrouwbaar systeem voor maximale stabiliteit voor het bouwen van gereedschapssamenstellingen in verschillende toepassingen (voorkotteren, fijnkotteren, kopsteken, spiro-groefsteken en interpolerend draaien)

### Klemhouders

- Coromant Capto®

### Wisselplaten

- CoroTurn® 107



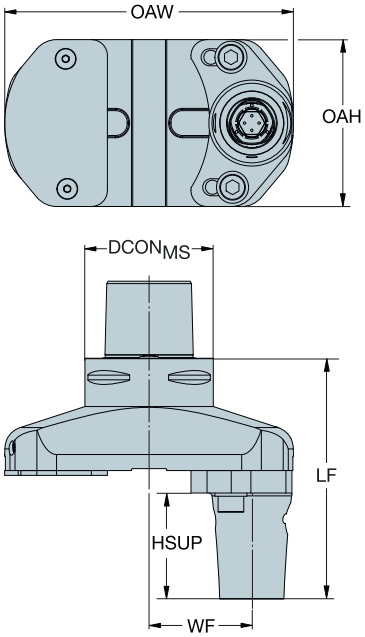
De component kan volledig worden bewerkt zonder dat deze hoeft te worden verplaatst. Dit is bijzonder gunstig voor grote, asymmetrische componenten

# Coromant Capto® verstelbare adapter met snelwisselsysteem

**Voor interpolatie draaien**

**Inwendige koelvloeistoftoevoer**

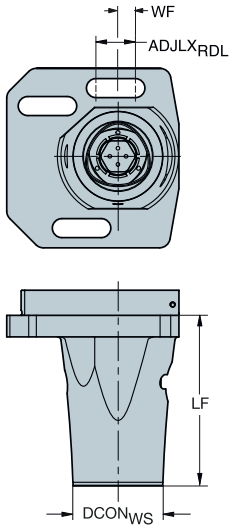





| | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | $ADJLX_{RDL}$ | LF | WF | OAH | OAW | BAR | KG |
| C8 | C4 | 3 | 820-100C4-QC-C8 | 80.00 | 40.00 | 26.00 | 150.00 | 51.00 | 104.00 | 180.00 | 70 | 7.090 |
| C8 | C4 | 3 | 820-150C4-QC-C8 | 80.00 | 40.00 | 51.00 | 150.00 | 51.00 | 104.00 | 230.00 | 70 | 9.430 |
| C8 | C4 | 3 | 820-50C4-QC-C8 | 80.00 | 40.00 | 13.50 | 150.00 | 38.50 | 104.00 | 130.00 | 70 | 5.860 |

# Slede voor CoroBore® XL






| | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | Bestelnummer | $DCON_{WS}$ | $ADJLX_{RDL}$ | LF | WF | OAH | OAW | BAR | KG |
| S24R | C5 | 4 | S24-R820XLC5QC-095 | 50.00 | 22.00 | 95.00 | 9.75 | 100.00 | 96.00 | 70 | 2.350 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com

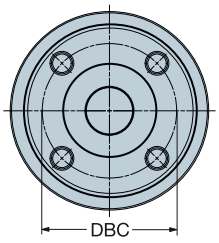
Voor snijkoppen en wisselplaten, zie Draaigereedschappencatalogus

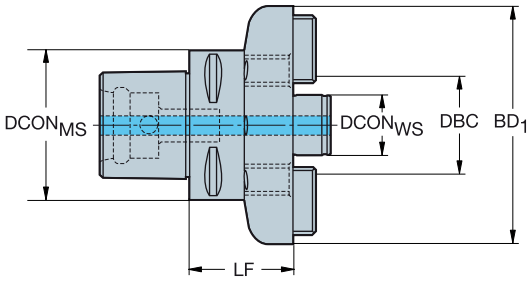
L2 N23 N15

# Coromant Capto® naar CoroBore® XL-adapter

**Inwendige koelvloeistoftoevoer**





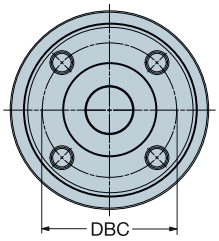



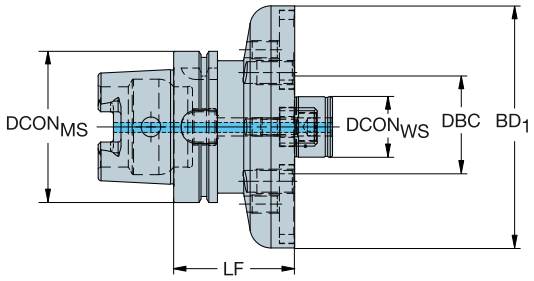

| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LF | $BD_1$ | BAR | KG |
| C8 | 40X | 1 | 1 | **C8-391.XL-40 065** | 80.0 | 101.6 | 40.0 | 65.0 | 160.0 | 80 | 7.09 |
| C10 | 40X | 1 | 1 | **C10-391.XL-40 070** | 100.0 | 101.6 | 40.0 | 70.0 | 160.0 | 80 | 8.67 |

# HSK naar CoroBore® XL-adapter

**Inwendige koelvloeistoftoevoer**





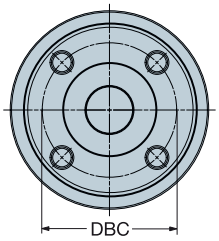



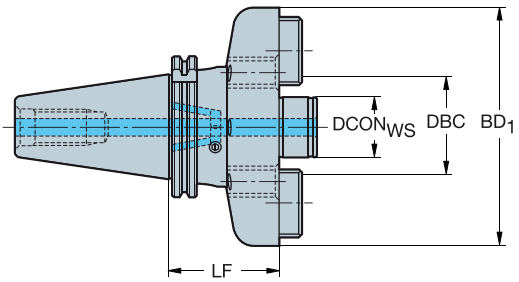

| | | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LF | $BD_1$ | BAR | KG |
| 100 | 40X | 1 | 1 | 1 | **392.410XL-10040 080** | 100.0 | 101.6 | 40.0 | 80.0 | 160.0 | 80 | 8.16 |

# ISO 7388-1 naar CoroBore® XL-adapter

**Inwendige koelvloeistoftoevoer**






**ISO7388.1/MAS-BT 403**

| | | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | DBC | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | BAR | KG |
| 50 | 40X | 7 | 1 | 1 | **392.644XL-5040 075** | 101.6 | 40.0 | 75.0 | 75.0 | 160.0 | 80 | 8.46 |
| | 40X | 7 | 1 | 1 | **392.646XL-5040 080** | 101.6 | 40.0 | 80.0 | 80.0 | 160.0 | 80 | 8.46 |

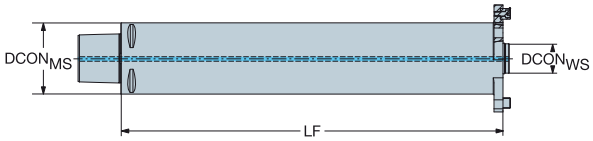
-1) Alle CoroBore XL massieve houders zijn voorzien van geslepen achterzijde van flens en schroefdraad voor de optie voor het monteren van een onderlegplaat om de stabiliteit te verhogen indien nodig. Onderlegplaat moet apart worden besteld en passend worden geslepen voor de specifieke machine en houder, zie accessoires pagina M12.

N23 N15

# Coromant Capto® naar CoroBore® XL gedempte gereedschapsbody

**Inwendige koelvloeistoftoevoer**






SilentTools®

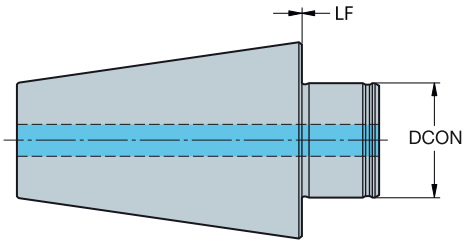
| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LF | BAR | KG |
|---|---|---|---|---|---|---|---|---|
| C8 | 33 | 3 | C8-R822XLA33-F410 | 80.00 | 33.00 | 410.00 | 70 | 17.800 |
| C10 | 33 | 3 | C10-R822XLA33-F560 | 100.00 | 33.00 | 560.00 | 70 | 26.400 |

Ga voor kottergereedschappen, toebehoren en onderdelen naar www.sandvik.coromant.com
Zie pagina K27 voor kottergereedschapset voor gebruik met deze adapter

# Centreerplug

**Inwendige koelvloeistoftoevoer**






**ISO7388.1/MAS-BT 403**

| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm LF | BAR | KG |
|---|---|---|---|---|---|---|---|
| 50 | 40 plug | 1 | 1 | 392.647XL-5040 | 0.0 | 80 | 8.93 |

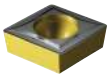
L2 N23 N15

# Instelbare kottercassette

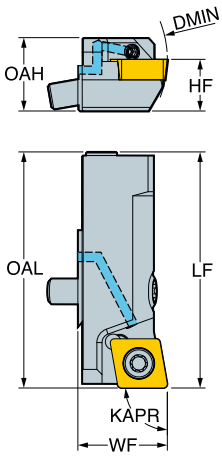
**Axiale en radiale instelling**

KAPR 90°





CCMT, CCGT
CCGX, CCET
CCMW



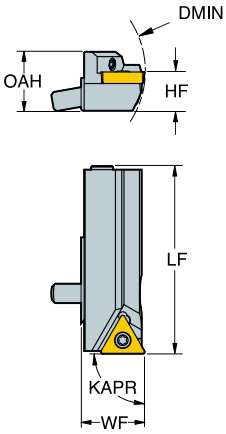

| DMIN1 | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm ADJLXAXL | ADJLXRDL | LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25.0 | 06 | 08CB | 2 | SCFCR08CBX06 | 0.50 | 0.20 | 40.00 | 8.00 | 13.50 | 12.20 | 40.00 | 70 | 0.050 | 1 | CCMT 06 02 04 |
| 40.0 | 09 | 10CB | 2 | SCFCR10CBX09 | 0.50 | 0.20 | 45.00 | 10.00 | 16.50 | 14.20 | 45.00 | 70 | 0.070 | 1 | CCMT 09 T3 08 |
| 50.0 | 12 | 12CB | 2 | SCFCR12CBX12 | 0.50 | 0.20 | 50.00 | 12.00 | 19.00 | 16.20 | 50.00 | 70 | 0.100 | 1 | CCMT 12 04 08 |

KAPR 90°





TCMT, TCMX,
TCGT, TCGX
TCEX
TCMW




| DMIN1 | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm ADJLXAXL | ADJLXRDL | LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25.0 | 09 | 08CB | 2 | STFCR08CBX09 | 0.50 | 0.20 | 40.00 | 8.00 | 13.50 | 12.20 | 40.00 | 70 | 0.050 | 1 | TCMT 09 02 04 |
| 40.0 | 11 | 10CB | 2 | STFCR10CBX11 | 0.50 | 0.20 | 45.00 | 10.00 | 16.50 | 14.20 | 45.00 | 70 | 0.070 | 1 | TCMT 11 03 04 |
| 50.0 | 16 | 12CB | 2 | STFCR12CBX16 | 0.50 | 0.20 | 50.00 | 12.00 | 19.00 | 16.20 | 50.00 | 70 | 0.100 | 1 | TCMT 16 T3 08 |

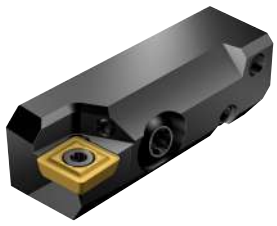
Zie voor wisselplaten de Draaigereedschappencatalogus

N23 N15

# Instelbare kottercassette

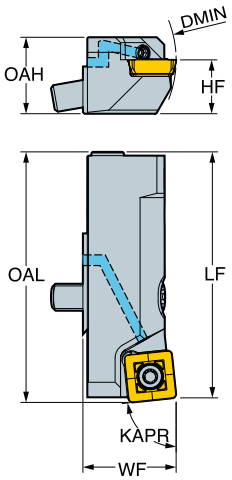
**Axiale en radiale instelling**

KAPR 84°





SPMT




| DMIN$_1$ | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm ADJLX$_{AXL}$ | ADJLX$_{RDL}$ | LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25.0 | 06 | 08CB | 2 | **SSYPR08CBX06** | 0.50 | 0.20 | 40.00 | 8.00 | 13.50 | 12.20 | 40.60 | 70 | 0.050 | 1 | SPMT 0606-BM |
| 40.0 | 08 | 10CB | 2 | **SSYPR10CBX08** | 0.50 | 0.20 | 45.00 | 10.00 | 16.50 | 14.20 | 45.80 | 70 | 0.070 | 1 | SPMT 0808-BM |
| 50.0 | 12 | 12CB | 2 | **SSYPR12CBX12** | 0.50 | 0.20 | 50.00 | 12.00 | 19.00 | 16.20 | 51.20 | 70 | 0.100 | 1 | SPMT 1210-BM |

K32 N23 N15

# Instelbare kottercassette

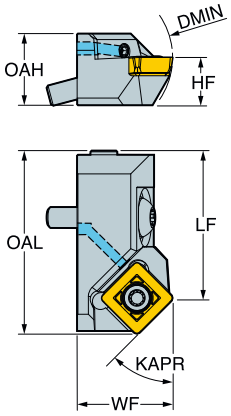
**Axiale instelling**

KAPR 45°





SPMT



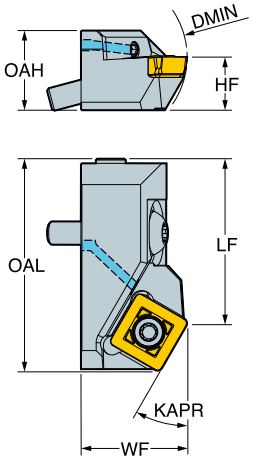

| DMIN1 | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm ADJLXAXL | LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 06 | 06CC | 2 | **SSSPR06CCX06** | 0.50 | 21.00 | 6.00 | 11.00 | 10.20 | 24.80 | 70 | 0.020 | 1 | SPMT 0606-BM |
| 25.0 | 08 | 08CC | 2 | **SSSPR08CCX08** | 0.50 | 25.00 | 8.00 | 16.00 | 12.20 | 30.70 | 70 | 0.040 | 1 | SPMT 0808-BM |
| 40.0 | 12 | 10CC | 2 | **SSSPR10CCX12** | 0.50 | 32.00 | 10.00 | 21.00 | 14.00 | 40.20 | 70 | 0.070 | 1 | SPMT 1210-BM |

KAPR 30°





SPMT




| DMIN1 | | CZCMS | CNSC | Bestelnummer | Afmetingen, mm ADJLXAXL | LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 06 | 06CC | 2 | **SSTPR06CCX06** | 0.50 | 21.00 | 6.00 | 11.00 | 10.20 | 25.60 | 70 | 0.020 | 1 | SPMT 0606-BM |
| 25.0 | 08 | 08CC | 2 | **SSTPR08CCX08** | 0.50 | 25.00 | 8.00 | 16.00 | 12.20 | 31.90 | 70 | 0.040 | 1 | SPMT 0808-BM |
| 40.0 | 12 | 10CC | 2 | **SSTPR10CCX12** | 0.50 | 32.00 | 10.00 | 21.00 | 14.20 | 42.00 | 70 | 0.080 | 1 | SPMT 1210-BM |

Zie voor wisselplaten de Draaigereedschappencatalogus

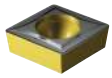
K32 N23 N15

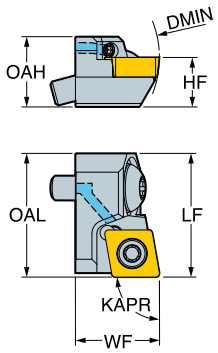
# Kottercassette

**Geen instelling**

KAPR 90°








CCMT, CCGT
CCGX, CCET

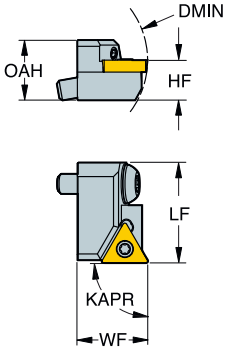
CCMW

| DMIN$_1$ | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 06 | 06CD | 2 | **SCFCR06CDX06** | 16.00 | 6.00 | 11.00 | 10.20 | 16.00 | 70 | 0.020 | 1 | CCMT 06 02 04 |
| 25.0 | 06 | 08CD | 2 | **SCFCR08CDX06** | 20.00 | 8.00 | 14.00 | 12.00 | 20.00 | 70 | 0.030 | 1 | CCMT 06 02 04 |
| 40.0 | 09 | 10CD | 2 | **SCFCR10CDX09** | 25.00 | 10.00 | 17.00 | 14.20 | 25.00 | 70 | 0.050 | 1 | CCMT 09 T3 08 |
| 50.0 | 12 | 12CD | 2 | **SCFCR12CDX12** | 30.00 | 12.00 | 20.00 | 16.20 | 30.00 | 70 | 0.070 | 1 | CCMT 12 04 08 |

KAPR 90°








TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| DMIN$_1$ | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 06 | 06CD | 2 | **STFCR06CDX06** | 16.00 | 6.00 | 11.00 | 10.20 | 16.00 | 70 | 0.020 | 1 | TCMT 06 T1 02 |
| 25.0 | 09 | 08CD | 2 | **STFCR08CDX09** | 20.00 | 8.00 | 14.00 | 12.20 | 20.00 | 70 | 0.030 | 1 | TCMT 09 02 04 |
| 40.0 | 11 | 10CD | 2 | **STFCR10CDX11** | 25.00 | 10.00 | 17.00 | 14.20 | 25.00 | 70 | 0.050 | 1 | TCMT 11 03 04 |
| 50.0 | 16 | 12CD | 2 | **STFCR12CDX16** | 30.00 | 12.00 | 20.00 | 16.20 | 30.00 | 70 | 0.070 | 1 | TCMT 16 T3 08 |

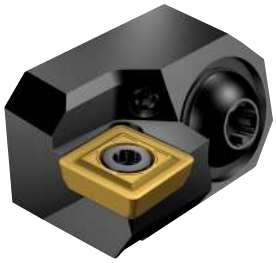
Zie voor wisselplaten de Draaigereedschappencatalogus

N23 N15

# Kottercassette

**Geen instelling**

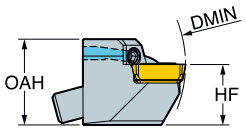
KAPR 84°

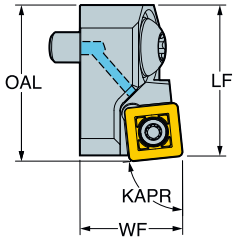






SPMT



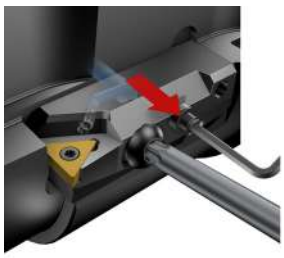



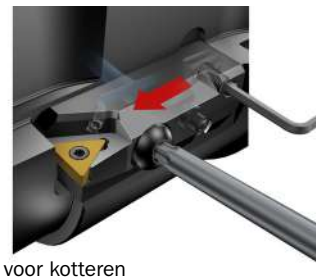

| DMIN$_1$ | | CZC$_{MS}$ | CNSC | Bestelnummer | Afmetingen, mm LF | HF | WF | OAH | OAL | BAR | KG | CICT | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20.0 | 06 | 06CD | 2 | **SSYPR06CDX06** | 16.00 | 6.00 | 11.00 | 10.20 | 16.60 | 70 | 0.020 | 1 | SPMT 0606-BM |
| 25.0 | 08 | 08CD | 2 | **SSYPR08CDX08** | 20.00 | 8.00 | 14.00 | 12.20 | 20.80 | 70 | 0.030 | 1 | SPMT 0808-BM |
| 40.0 | 08 | 10CD | 2 | **SSYPR10CDX08** | 25.00 | 10.00 | 17.00 | 14.00 | 25.80 | 70 | 0.050 | 1 | SPMT 0808-BM |
| 50.0 | 12 | 12CD | 2 | **SSYPR12CDX12** | 30.00 | 12.00 | 20.00 | 16.20 | 31.20 | 70 | 0.070 | 1 | SPMT 1210-BM |

K32 N23 N15

# CoroBore®

**Ingebouwde cassettes - CB, CC en CD**





CB - axiale en radiale instelling voor kotteren

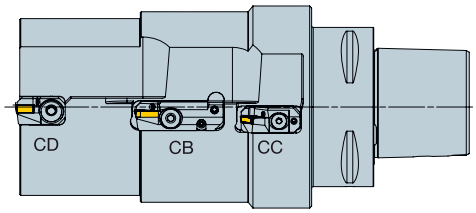


CC - axiale instelling, aanschuining



CD - Vast, geen afstelling

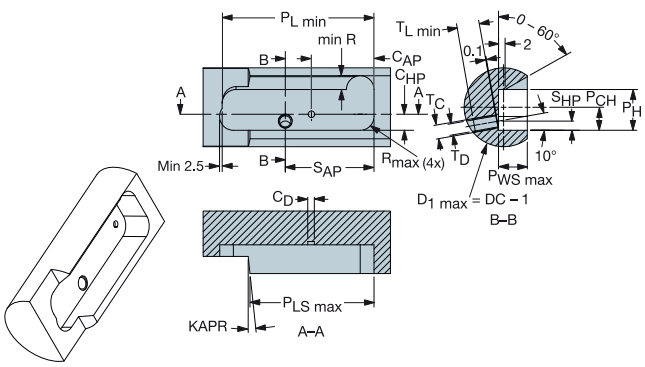




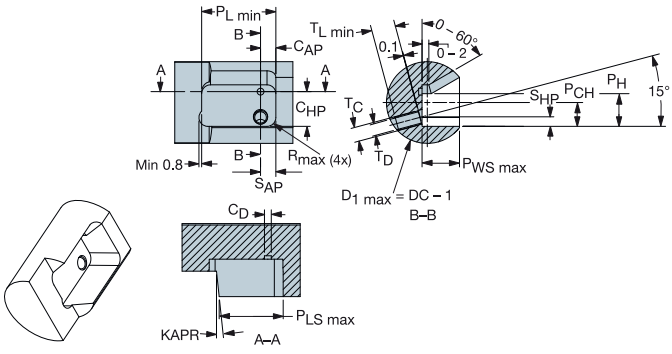

| Grootte/type | Opspanset | Opspankoppel (Nm) | Sleutelmaat |
|---|---|---|---|
| 06CB | 5519 201-01 | 4.8 | 15IP |
| 10CB | 5519 201-02 | 9.0 | 20IP |
| 12CB | 5519 201-03 | 16.0 | 25IP |
| 06CC | 5519 202-01 | 3.2 | 10IP |
| 08CC | 5519 202-02 | 4.8 | 15IP |
| 10CC | 5519 202-04 | 16.0 | 25IP |
| 06CD | 5519 202-01 | 3.2 | 10IP |
| 08CD | 5519 202-02 | 4.8 | 15IP |
| 10CD | 5519 202-03 | 16.0 | 25IP |
| 12CD | 5519 202-04 | 16.0 | 25IP |

| Parameter | Beschrijving |
|---|---|
| $P_L$ min | Zittinglengte min |
| $P_{CH}$ | Zitting centerhoogte |
| $P_H$ | Zitting hoogte |
| $P_{LS}$ max | Zittinglengtesteun max |
| KAPR | Gereedschap snijkanthoek |
| $P_{WS}$ max | Zittingbreedtesteun max |
| $R_{max}$ | Radius max |
| $S_{AP}$ | Schroef axiale positie |
| $S_{HP}$ | Schroef hoogtepositie |
| $T_D$ | Draadafmeting |
| $T_C$ | Draadtappen verzonken dia |
| $T_L$ min | Draadtappen lengte min |
| $C_{AP}$ | Koelmiddel axiale positie |
| $C_{HP}$ | Koelmiddel hoogte positie |
| $C_D$ | Koelmiddelgat diam |

## Type CB



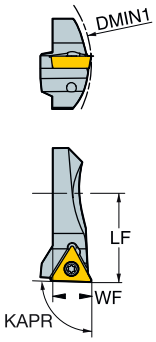

## Type CC en CD



# CoroBore® 826 HP

**Cassetteset**






| | Bestelnummer | Cassettes inbegrepen | WF |
|---|---|---|---|
| Grootte B set | 826B-4-TC09U | R826B-AF17STUC09HP | 7.0 |
| | | R826B-BF17STUC09HP | 7.5 |
| | | R826B-CF17STUC09HP | 8.0 |
| | | R826B-DF17STUC09HP | 8.5 |
| Grootte C set | 826C-6-TC11U | R826C-AF23STUC11HP | 10.0 |
| | | R826C-BF23STUC11HP | 10.5 |
| | | R826C-CF23STUC11HP | 11.0 |
| | | R826C-DF23STUC11HP | 11.5 |
| | | R826C-EF23STUC11HP | 12.0 |
| | | R826C-FF23STUC11HP | 12.5 |

# CoroBore® BR20

## Bewerkingen



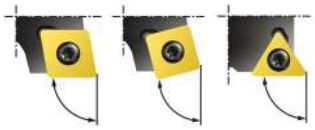
1



2

1. Tweesnijder kottergereedschap
   - Verhoogde voedingssnelheid is van toepassing.
2. Tweesnijder getrapt kottergereedschap
   - Hoge snijdiepte is van toepassing.
   - Ingebouwde functionaliteit in slede

## Wisselplaatkeuze





| | | | | |
|---|---|---|---|---|
| Instelhoek | 90° | 84° | 90° | 84° |
| Geleidingshoek | 0° | 6° | 0° | 6° |

**CoroTurn® 107 met schroefklemming**

Voor toepassingen die lage snijkrachten vereisen

**CoroBore® 111, schroefopspanning**

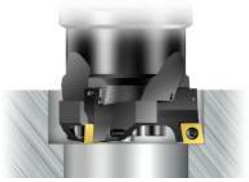
Specifieke voorkotterwisselplaat met geoptimaliseerde keuze van de hardmetaalsoort voor P,M,K,S

## Maximum snijsnelheid, $V_c$ max:

BR20: 1200 m/min
BR20 Gedempt: 900 m/min

# CoroBore® BR30

## Bewerkingen



1



2



3

1. Kotteren met meer snijkanten
   - Er geldt een verhoogde voedingswaarde.

2. Getrapt kotteren, meer snijkanten
   - Er geldt een grote snedediepte.
   - Set onderlegplaten is vereist, moet afzonderlijk besteld worden. LF-dimensie bij gebruik van set onderlegplaten wordt 1-2 mm groter.
   - Sledes van R820x-AR... en R820x-BR... met kappa 90 graden kunnen worden gecombineerd

3. Kotteren met één snijkant:
   - Twee kappen zijn vereist, moeten afzonderlijk besteld worden.

**Set onderlegplaten en kap - CoroBore® BR30**

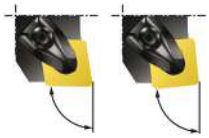
| Adapter grootte | Vulplaatset | Dikte mm | Kap |
|---|---|---|---|
| A | R820A-AS00B | 0.5+1 | R820A-AC10B |
| B | R820B-AS00B | 0.5+1 | R820B-AC11B |
| C | R820C-AS00B | 0.5+1 | R820C-AC15B |
| D | R820D-AS00B | 0.5+1 | R820D-AC17A |
| E | R820E-AS00B | 0.8+1.6 | R820E-AC20A |
| F | R820F-AS00B | 0.8+1.6 | R820F-AC22A |
| G | R820G-AS00B | 0.8+1.6 | R820G-AC22A |
| H | R820H-AS00B | 1+2 | R820H-BC24A |

**Maximum snijsnelheid, Vc max: Conventioneel: Vc 1200 m/min**

## Wisselplaatkeuze







| | | | |
|---|---|---|---|
| Instelhoek | 90° | 84° | 90° 84° |
| Geleidingshoek | 0° | 6° | 0° 6° |

**CoroTurn® 107 met schroefklemming**

Voor toepassingen die lage snijkrachten vereisen

**CoroBore® 111, schroefopspanning**

Specifieke voorkotterwisselplaat met geoptimaliseerde keuze van de hardmetaalsoort voor P,M,K,S

**T-Max® P, CoroTurn® RC rigid clamping**

Voor toepassingen die sterke wisselplaten vereisen onder stabiele omstandigheden

# CoroBore® 820 XL

## Bewerkingen



1 2 3

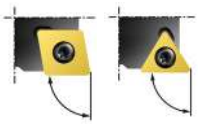
1. Tweesnijder kottergereedschap
   - Er geldt een verhoogde voedingswaarde.
2. Tweesnijder getrapt kottergereedschap
   - Er geldt een grote snedediepte.
   - Axiaal instelbare cassettes +1,5 mm.
   - Cassettes met Kappa 90° (0°) instelhoek (intredehoek) moet worden gebruikt bij getrapt kotteren.
3. Kotteren met één snijkant:
   - Stel de ongebruikte snijkant in op een kleinere diameter en gebruik deze als contragewicht.

**Opnames voor CoroBore XL, diameter 150–1275 mm**

Moet afzonderlijk aangeschaft worden. Beschikbare koppelingen: C8,C10, HSK-A 100, HSK-A 125, CAT-V 50, ISO 7388/1 50, MAS BT 50

**Maximum snijsnelheid, $V_c$ max: Conventioneel: 1200 m/min, Lichtgewicht: 600 m/min**

## Wisselplaatkeuze



| | | |
|---|---|---|
| Instelhoek | 90° | 90° |
| Geleidingshoek | 0° | 0° |

**CoroTurn® 107 met schroefklemming**

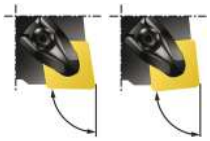
- Voor toepassingen die lage snijkrachten vereisen



| | |
|---|---|
| 90° | 84° |
| 0° | 6° |

**CoroBore® 111, schroefopspanning**

- Specifieke voorkotterwisselplaat met geoptimaliseerde keuze van de hardmetaalsoort voor P,M,K,S



| | |
|---|---|
| 90° | 84° |
| 0° | 6° |

**T-Max® P, CoroTurn® RC rigid clamping**

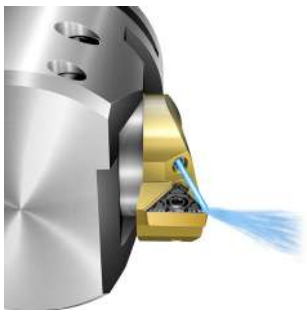
- Voor toepassingen die sterke wisselplaten vereisen onder stabiele omstandigheden

# CoroBore® 826 HP

## Bewerkingen



Kotteren



- Gebruik het hoge precisie koelmiddel voor verbeterde spaanbreking



- Voel de microns! Elke diameterverstelling van 0,002 mm is te voelen als een klik



- De CB826 cassette wordt 90 graden geroteerd vergeleken met de CB825 cassette!

Maximum snijsnelheid, $V_c$ max**:** $V_c$ 1200 m/min

## Wisselplaatkeuze

**CoroTurn® 107 wisselplaten**



| | |
|---|---|
| Instelhoek | 92° |
| Geleidingshoek | -2° |



CoroTurn® 107:
TC.. 1103

# CoroBore™ 825

## Bewerkingen



Kotteren



Trekkend kotteren

**Conventioneel:**

De geometrische restrictie (LU) geldt alleen als de kotterdiameter (DC) kleiner is dan de koppelingsdiameter ($DCON_{MS}$). De maximum aanbevolen gatdiepte (voor voorwaarts kotteren) als de kotterdiameter (DC) groter is dan de koppelingsdiameter ($DCON_{MS}$)

**CoroBore® 825 EH:**

De enkele snijkantpositie is correct bij gebruik van cilindrische of conische EH opnames (leverbaar in staal, volhardmetaal, zwaar metaal) omdat de montage gedraaid kan worden in de klauwplaat (met een CoroChuck 930, krimphouder, spantanghouder) om de enkele snijkant verspaningspositie te krijgen.

**Trekkend kotteren met CoroBore® 825 (conventioneel)**

1. Verwijder de stifttap uit koelmiddelkanaal A en schroef deze in koelmiddelkanaal B.
2. Zet A (indien gebruikt) + B + C vast met het correcte koppel.
3. Verander de spilrichting naar linksom (M04).

1.




2.




| Diameter mm | Verlengstuk slede | Dikte mm | Diameter uitbreiding mm |
|---|---|---|---|
| 19-36 | 825A-030A | 3 | +6 |
| 35-56 | 825B-036A | 3.6 | +7.2 |
| 55-1275 | 825C-048A | 4.8 | +9.6 |

**Trekkend kotteren voor CoroBore® 825D (gedempt)**



| Diameterbereik, gewoon kotteren, mm | Diameterbereik, trekkend kotteren, mm | Cassetteset voor trekkend kotteren (1 stuks cassette, 1 stuks slede-uitbreiding) | Trekkend kotteren cassette | Verlengstuk slede |
|---|---|---|---|---|
| 19-36 | 31-48 | 825A-TC06U-BW | L825A-AF11STUC06T1 | 825A-030A |
| 35-56 | 48-69 | 825B-TC06U-BW | L825B-AF15STUC06T1 | 825B-036A |
| 55-167 | 69-181 | 825C-TC09U-BW | L825C-AF20STUC0902 | 825C-048A |

Elke set voor trekkend kotteren omvat 1 slede uitbreiding en 1 cassette voor trekkend kotteren. Let er op dat de diameters voor trekkend kotteren verschillen van die van gewoon kotteren. Raadpleeg de informatietabel voor de juiste diameterbereiken.

Maximum snijsnelheid, $V_c$ max**: Conventioneel:**$V_c$ 1200 m/min, **Lichtgewicht:** Vc 600 m/min **Gedempt:** $V_c$ 900m/min

## Wisselplaatkeuze

**CoroTurn® 107 wisselplaten**





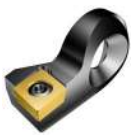
| | | |
|---|---|---|
| Instelhoek | 92° | 95° |
| Geleidingshoek | -2° | -5° |



CoroTurn® 107:
TC.. 06, 09
(TC.. 1.2, 1.8)



CoroTurn® 107:
TC.. 1103



CoroTurn® 107:
CCMT 09
(CCMT3 (2.5))



CoroTurn® 111

# CoroBore® 825 XL/CoroBore® 826 XL

## Bewerkingen



Kotteren



Trekkend kotteren



Uitwendige bewerkingen

**Opnames voor CoroBore XL**

Moet afzonderlijk aangeschaft worden. Beschikbare koppelingen: C8,C10, HSK-A 100, HSK-A 125, CAT-V 50, ISO 7388/1 50, MAS BT 50

**Trekkend kotteren (niet voor CoroBore® 826HP en 825 SL)**

1. Verwijder de stifttap uit koelmiddelkanaal A en schroef deze in koelmiddelkanaal B.
2. Zet A (indien gebruikt) + B + C vast met het correcte koppel.
3. Verander de spilrichting naar linksom (M04).

1.




2.




| Diameter mm | Verlengstuk slede (A) | Dikte mm | Diameter uitbreiding mm |
|---|---|---|---|
| 55-1275 | 825C-048A | +4.8 | +9.6 |

**Maximum snijsnelheid, $V_c$ max:**

**Conventioneel: $V_c$ 1200 m/min, Lichtgewicht: Vc 600 m/min, Gedempt: $V_c$ 600 m/min**

## Wisselplaatkeuze

**CoroTurn® 107 wisselplaten**





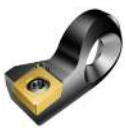
| | | |
|---|---|---|
| Instelhoek | 92° | 95° |
| Geleidingshoek | -2° | -5° |



CoroTurn® 107
TCMT1103
(TCMT 22)



CoroTurn® 107:
TC.. 1103



CoroTurn® 107:
CCMT 09
(CCMT3 (2.5))

# Aanbevelingen voor het starten

- De snijsnelheid moet worden verminderd bij het werken met grote uitsteeklengtes. Silent Tools kunnen worden gebruikt om hogere snijsnelheden te bereiken bij een bepaalde uitsteeklengte.

### Voorkotteren

- De maximum aanbevolen startwaarde voor de snijsnelheid is 200 m/min voor voorkotteren om een goede spaanverwijdering en een veilig en stabiel proces te krijgen.

| CoroBore® 111 | | Voeding ($f_n$) mm/omw. | | | Snedediepte ($a_p$), mm | | | Snijsnelheid ($V_c$) m/min | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Soort | Bestelcode | Min | Max | Aanbev. | Min | Max | Aanbev. | Min | Max | Aanbev. |
| 4325 | SPMT0606-BR | 0.10 | 0.25 | 0.20 | 0.6 | 4.5 | 2.0 | 365 | 460 | 395 |
| | SPMT0808-BR | 0.15 | 0.35 | 0.20 | 0.8 | 6.5 | 2.5 | 325 | 425 | 395 |
| | SPMT1212-BR | 0.15 | 0.40 | 0.25 | 1.2 | 9.0 | 3.0 | 305 | 425 | 365 |
| | SPMT1812-BR | 0.20 | 0.40 | 0.30 | 1.2 | 12.0 | 3.8 | 305 | 395 | 345 |
| 2025 | SPMT0606-BM | 0.10 | 0.15 | 0.10 | 0.6 | 4.5 | 1.8 | 260 | 265 | 265 |
| | SPMT0808-BM | 0.10 | 0.25 | 0.20 | 0.8 | 6.5 | 2.2 | 225 | 265 | 240 |
| | SPMT1210-BM | 0.10 | 0.30 | 0.20 | 1.0 | 9.0 | 2.5 | 205 | 265 | 240 |
| | SPMT1810-BM | 0.20 | 0.30 | 0.25 | 1.0 | 12.0 | 3.0 | 205 | 240 | 225 |
| 3210 | SPMT0606-BR | 0.15 | 0.30 | 0.25 | 0.6 | 4.5 | 2.0 | 285 | 330 | 300 |
| | SPMT0808-BR | 0.20 | 0.50 | 0.30 | 0.8 | 6.5 | 2.5 | 235 | 315 | 285 |
| | SPMT1212-BR | 0.20 | 0.50 | 0.30 | 1.2 | 9.0 | 3.0 | 235 | 315 | 285 |
| | SPMT1812-BR | 0.25 | 0.50 | 0.30 | 1.2 | 12.0 | 3.8 | 235 | 300 | 285 |
| 1145 | SPMT0606-BM | 0.10 | 0.15 | 0.10 | 0.6 | 4.5 | 1.8 | 15 | 20 | 20 |
| | SPMT0808-BM | 0.10 | 0.15 | 0.10 | 0.8 | 6.5 | 2.2 | 15 | 20 | 20 |
| | SPMT1210-BM | 0.10 | 0.20 | 0.15 | 1.0 | 9.0 | 2.5 | 10 | 20 | 15 |
| | SPMT1810-BM | 0.10 | 0.20 | 0.15 | 1.0 | 12.0 | 3.0 | 10 | 20 | 15 |

### Fijnkotteren

- De maximum aanbevolen startwaarde voor de snijsnelheid is 240 m/min voor fijnkotteren om een goede spaanverwijdering en een veilig en stabiel proces te krijgen.
- De aanbevolen startwaarde voor de snijsnelheid voor de fijnkotterkop 391.37A met stalen of hardmetalen baren met wisselplaten is 90-120 m/min (gebruik lagere waarden voor lange stalen baren). De aanbevolen startwaarde voor geslepen hardmetalen baren is 60 m/min.

- Zie onderstaande matrix voor de selectie van de geometrie en hardmetaalsoort naar gelang uw fijnkottertoepassing.
- De maximum aanbevolen snedediepte voor fijnkotteren is 0,5 mm. Wanneer het gereedschap is ingesteld op de minimum mogelijke diameter, dan is de spaanafvoer lastiger en kan het eventueel noodzakelijk zijn om de snijdiepte te reduceren.
- De maximum voeding bij fijnkotteren is beperkt door de gewenste oppervlakteafwerking. De mogelijkheid om de spaanvorm te beïnvloeden is daarom beperkt. Door een wiper wisselplaat te gebruiken, kan de oppervlakteafwerking behouden blijven bij hogere voedingen. Maar de wiper wisselplaat oefent een grotere radiale druk uit, waardoor het risico bestaat dat het proces onstabiel wordt.

Deze startaanbevelingen zijn algemeen. Kijk voor meer gedetailleerde informatie in de CoroPlus ToolGuide op www.sandvik.coromant.com

| Fijnkotteren | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AP | Neusradius | Max. voeding voor vereist oppervlak | | Materiaal | | | | | | | | |
| | | Ra 1.6 | Ra 0.8 | P | | M | | K | N | S (nikkel) | | S (titanium) |
| 0.1-0.15 | 02 | 0.08 | 0.05 | PF 5015 | L-K 1515 | MF-1115 | L-K 1515 | PF 1515 | AL H10 | MF 1115 | L-K 1115 | AL H10 |
| 0.15-0.3 | 04 | 0.12 | 0.07 | PF 5015 | L-K 1515 | MF 2015 | L-K 1515 | PF 4215 | AL H10 | MF 1115 | L-K 1115 | AL H10 |
| 0.3-0.5 | 08 | 0.15 | 0.10 | PF 5015 | | MF 2015 | | PF 4215 | AL H10 | MF 1115 | L-K 1115 | AL H10 |

### Kopsteken

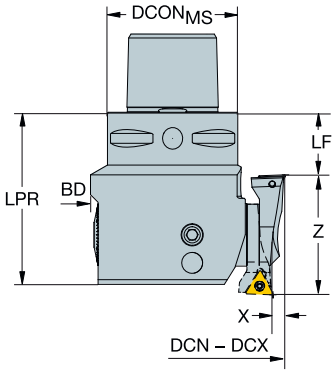
De eerste keuze is de CoroCut 2-systeem wisselplaat.
Gebruik -TF geometrie voor lage voeding, -CM geometrie voor gemiddelde voeding en -RM geometrie voor radiaal bodem kopsteken.
De -TF en -CM geometrieën zijn voorzien van positieve geometrieën die de kans op snijkantsopbouw elimineren. De -TF geometrie biedt een goede spaanbeheersing en genereert een hoge oppervlakte-afwerking dankzij het wiper design. De -GF maakt het selecteren van grotere breedtes mogelijk.
Afhankelijk van de gekozen neusradius:

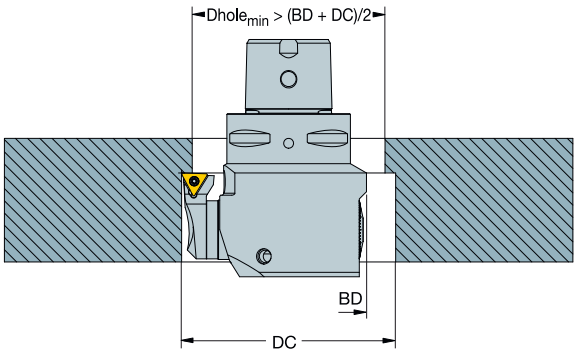
- Kies -CM voor kleinere neusradius (0.2)
- Kies -TF voor grotere neusradius (>0.3)
- Aanbevolen startvoeding: 0.15 mm/omw
- Wanneer groeven met een nauwere tolerantie nodig zijn, kies dan -GF
- Aanbevolen startvoeding: 0.10 mm/omw

Voor verbeterde spaanbeheersing:

- verhoog de voeding
- verhoog de snijsnelheid

# Trekkend kotteren met CoroBore® 825 (conventioneel)




| Afmeting cassette | Z (mm) | X (mm) |
|---|---|---|
| A | 22 | 3.0 |
| B | 34 | 3.6 |
| C | 46 | 4.8 |

### Trekkend kotteren voor CoroBore® 825

In geval van trekkend kotteren, LF wordt gereduceerd met twee keer LF van cassette. Dat betekent:
- LF – 22 mm voor grootte A (bijv. R825A-AF**11**STUC06T1A)
- LF – 34 mm voor grootte B (bijv. R825B-AF**17**STUC0902A)
- LF – 46 mm voor grootte C (bijv. R825C-AF**23**STUC1103A)
- Let op! Wijzig rotatierichting -> links!

DC wordt vergroot met twee keer WF van slede-uitbreiding. Dat betekent:
- 2 x 3,0 = 6,0 mm voor grootte A (825A-**030**A)
- 2 x 3,6 = 7,2 mm voor grootte B (825B-**036**A)
- 2 x 4,8 = 9,6 mm voor grootte C (825C-**048**A)
- Berekening van de kleinst mogelijke gatdiameter: $Dgat_{min}$ = (BD+DC)/2+1

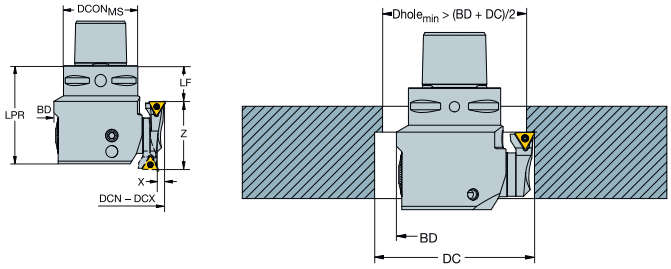
### Trekkend kotteren voor CoroBore® 825XL

In geval van trekkend kotteren, LF wordt gereduceerd met twee keer LF van cassette. Dat betekent:
- LF – 46 mm voor grootte C (bijv. R825C-AF**23**STUC1103A)
- Let op! Wijzig rotatierichting -> links!

DC wordt vergroot met twee keer WF van slede-uitbreiding. Dat betekent:
- 2 x 4,8 = 9,6 mm voor grootte C (825C-**048**A)
- Berekening van de kleinst mogelijke gatdiameter: $Dgat_{min}$>(DC+DC-26)/2

Bovendien is het noodzakelijk om de A34 fijnkotterkop op het maximum in te stellen.
Voorbeeld: Diameterbereik voor 825-215TC11-C6
- **DCN (trekkend kotteren)** = (DCN(vooruit))+(2x A34-R825 slag)+ (2x slede-uitbreiding) = 148 mm + 15 mm + 9,6 mm = **172,6 mm**
- **DCX (trekkend kotteren)**= (DCX(vooruit))+ (2x slede-uitbreiding) = 215 mm +9,6 mm = **224,6 mm**

# Trekkend kotteren voor CoroBore® 825D (gedempt)




| | Cassette | | | | Verlengstuk slede | | |
|---|---|---|---|---|---|---|---|
| Afmeting | LF Vooruit | WF Vooruit | LF Achteruit | WF Achteruit | WF | X | Z |
| A | 11 | 5 | 11 | 8.0 | 3.0 | 6.0 | 22 |
| B | 17 | 7 | 15 | 9.9 | 3.6 | 6.5 | 32 |
| C | 23 | 10 | 20 | 12.2 | 4.8 | 7.0 | 43 |

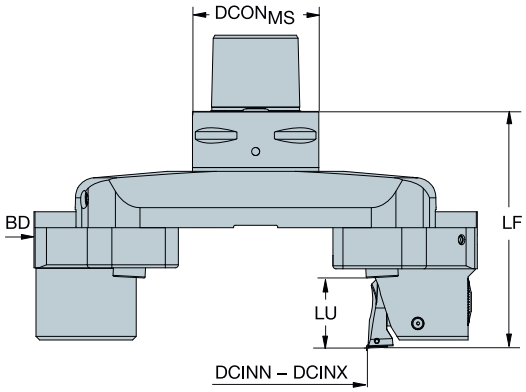
### Trekkend kotteren voor CoroBore® 825D

In het geval van trekkend kotteren, wordt LF gereduceerd door de LF vooruit + LF achteruit. Dat betekent:
- LF – 22 mm voor grootte A
- LF – 32 mm voor grootte B
- LF – 43 mm voor grootte C
- Opgelet: draairichting begint rechtsom!

DC wordt verhoogd met twee maal de WF van de slede-uitbreiding - WF vooruit + WF achteruit. Dat betekent:
- DC + 2 x (3.0 - 5.0 + 8.0) = 12,0 mm voor grootte A
- DC + 2 x (3.6 - 7.0 + 9.9) = 13,0 mm voor grootte B
- DC + 2 x (4.8 - 10.0 + 12.2) = 14,0 mm voor grootte C
- Berekening van de kleinst mogelijke gatdiameter: $Dgat_{min}$ = (BD+DC)/2+1

N.B. Trekkend kotteren geldt alleen voor CoroBore® 825D en niet voor CoroBore® 825D XL of CoroBore® 825

# Uitwendig kotteren




### Uitwendig voor CoroBore® 825XL

In geval van uitwendig kotteren, blijft LF gelijk.
Voorbeeld: Diameterbereik voor 825-215TC11-C6

- **DCN (uitwendig)** = DCN(vooruit)-(2x DMIN A34-R825)-(2x A34-R825 slag) = 148 mm-110 mm-15 mm = **23 mm**
- **DCX (uitwendig)** = DCX(vooruit)-(2x DMIN A34-R825)-(2x A34-R825 slag) = 215 mm- 110 mm -15 mm = **90 mm**
- Let op! Wijzig rotatierichting -> links!

De bruikbare lengte voor uitwendig kotteren bij diameter 23 mm tot 190 mm (vooruit kotteren: 148 mm tot 315 mm) is 34 mm.
De bruikbare lengte voor uitwendig kotteren bij diameter 173 mm tot 1150 mm (vooruit kotteren: 298 mm tot 1275 mm) is 28 mm.

### Uitwendig kotteren voor CoroBore® 826XL

In geval van uitwendig kotteren, blijft LF gelijk.
Voorbeeld: Diameterbereik voor 826-200TC11-C6

- **DCN (uitwendig)**= DCN(vooruit)-(2xDMIN A34-R825) = 148 mm-110 mm = **38 mm**
- **DCX (uitwendig)** = DCX(vooruit)-(2xDMIN A34-R825) = 200 mm- 110 mm = **90 mm**
- Let op! Wijzig rotatierichting -> links!

De bruikbare lengte voor uitwendig kotteren bij diameter 38 mm tot 190 mm (vooruit kotteren: 148 mm tot 300 mm) is 34 mm.
De bruikbare lengte voor uitwendig kotteren bij diameter 188 mm tot 1150 mm (vooruit kotteren: 298 mm tot 1260 mm) is 28 mm.

# Vastdraaimoment

### Coromant Capto®

| Coromant Capto® grootte | NM |
|---|---|
| C3 | 40-50 |
| C4 | 50-60 |
| C5 | 90-100 |
| C6-C8 | 160-180 |
| C10 | 380 |

### Coromant EH koppeling

| Afmeting | NM |
|---|---|
| 16 | 30 |
| 20 | 50 |
| 25 | 65 |

### Wisselplaat-schroef

| Wisselplaat | NM |
|---|---|
| TC05 / TC06 / TP06 | 0.6 |
| TC09 / TP09 / SP06 | 0.8 |
| TC1103 / TP1103 / CC06 | 0.9 |
| SP08 | 1.7 |
| SP12 | 2 |
| CC09 / CC12 / SC09 / SC12 / TC16 / TC22 / SP18 | 3 |
| CN12 / SN12 | 3.9 |
| CN16 / SN15 | 6.4 |

### CoroBore® BR10

| Afmeting | DCN mm | DCX mm | Aandraaimoment voor slede NM | Schroefafmeting |
|---|---|---|---|---|
| A | 32 | 38 | 4.8 | M4 |
| B | 37 | 45 | 4.8 | M4 |
| C | 44 | 54 | 9 | M5 |
| D | 53 | 65 | 16 | M6 |
| DX | 64 | 76 | 16 | M6 |
| E | 75 | 91 | 38 | M8 |
| F | 90 | 110 | 75 | M10 |
| G | 109 | 136 | 75 | M10 |
| H | 135 | 170 | 75 | M10 |

### CoroBore® BR20

| Afmeting | DCN mm | DCX mm | Aandraaimoment voor slede NM | Schroefafmeting |
|---|---|---|---|---|
| A | 23 | 29 | 4.8 | M4 |
| B | 28 | 36 | 4.8 | M4 |
| C | 35 | 45 | 9 | M5 |
| D | 44 | 56 | 16 | M6 |
| E | 55 | 71 | 38 | M8 |
| F | 70 | 90 | 75 | M10 |
| G | 89 | 116 | 75 | M10 |
| H | 115 | 150 | 75 | M10 |

### CoroBore® BR30

| Afmeting | DCN mm | DCX mm | Aandraaimoment voor slede NM | Schroefafmeting |
|---|---|---|---|---|
| A | 35 | 45 | 4.8 | M4 |
| B | 44 | 56 | 9 | M5 |
| C | 55 | 70 | 16 | M6 |
| D | 69 | 87 | 16 | M6 |
| E | 86 | 107 | 38 | M8 |
| F | 106 | 137 | 75 | M10 |
| G | 136 | 167 | 75 | M10 |
| H | 166 | 214 | 75; 120 | M10; M12 |

# Vastdraaimoment

### CoroBore® 820 XL / 820L XL

| Diameterbereik, mm<br>148-300 | NM | Schroefafmeting |
|---|---|---|
| Brug | 100 | M12 |
| Slede | 60 | M10 |
| Cassette | 60 | M10 |

### CoroBore® 820 XL

| Diameterbereik, mm<br>298-1260 | NM | Schroefafmeting |
|---|---|---|
| Brug | 200 | M16 |
| Brugverlenging | 100 | M12 |
| Slede | 60 | M10 |
| Cassette | 60 | M10 |

### CoroBore® 825 XL / 826 XL / 825D XL / 826D XL / 825L XL / 826L XL

| Diameterbereik, mm<br>825: 148-315<br>826: 148-300 | NM | Schroefafmeting |
|---|---|---|
| Brug | 100 | M12 |
| Slede | 60 | M10 |
| Contragewicht | 60 | M10 |
| Fijn kotterkop | 14 | M6 |
| Borgschroef CB825 | 6 | M8 |
| Borgschroef CB826HP | 8 | M8 |
| Cassetteschroef | 6 | M8 |

### CoroBore® 825 XL / 826 XL

| Diameterbereik, mm<br>825: 298-1275<br>826: 298-1260 | NM | Schroefafmeting |
|---|---|---|
| Brug | 200 | M16 |
| Brugverlenging | 100 | M12 |
| Slede | 60 | M10 |
| Contragewicht | 60 | M10 |
| Fijn kotterkop | 14 | M6 |
| Borgschroef CB825 | 6 | M8 |
| Borgschroef CB826HP | 8 | M8 |
| Cassetteschroef | 6 | M8 |

### CoroBore® 825, 825D en 826HP

| | NM | Schroefafmeting |
|---|---|---|
| **Cassetteschroef** | | |
| R825A... | 1.2 | M3.5 |
| R825B..., R826B... | 3.0 | M5 |
| R825C..., R826C... | 6.0 | M8 |
| | | |
| **Borgschroef** | | |
| ...R825A-xA18/...R825A-xAA | 0.9 | M4 |
| ...R825A-xAB | 1.2 | M5 |
| ...R825B...;...R826B | 3.0; 4.0 | M6 |
| ...R825C...;...R826C | 6.0; 8.0 | M8 |

### CoroBore® 824 XS

| Diameterbereik, mm<br>1-20<br>Bevestigingsschroef/Kotterbaar(wisselplaat)schroef<br>Afmeting | NM | Schroefafmeting |
|---|---|---|
| XS04 | 1.2 | M5 |
| XS06 | 1.2 | M5 |
| XS08 | 3 | M6 |
| XS10 | 3 | M6 |

### CoroBore® 825 SL

| Diameterbereik, mm<br>47-150 | NM | Schroefafmeting |
|---|---|---|
| Kopsteek-kop (S20) | 14 | M6 |
| Borgschroef | 8 | M10 |
| Contragewicht | 8 | M10 |
| Blad | 9 | M5 |

### CoroBore® 825 SL XL

| Diameterbereik, mm<br>150-1275 | NM | Schroefafmeting |
|---|---|---|
| Kopsteek-kop (A34) | 14 | M6 |
| Borgschroef | 12 | M10 |
| Blad | 9 | M5 |

Andere componenten, zie CoroBore® 825XL

### Fijnboorkop,391.37A/391.37B/ Kotterbaren

| Diameter<br>mm | NM | Schroefafmeting |
|---|---|---|
| **Schroef voor boorbaar:** | | |
| 12 | 10 | M8 |
| 16 | 10 | M8 |
| 20 | 18 | M10 |
| | | |
| **Borgschroef:** | | |
| 12 | 8 | M8 |
| 16 | 8 | M8 |
| 20 | 12 | M10 |

# Adapters voor roterende gereedschappen

## Adapters


Coromant Capto® L4-L26

HSK L27-L41

BIG-PLUS® ISO L42-L50

BIG-PLUS® MAS-BT L51-L59

ISO 7388-1 L60-L72

MAS-BT L73-L85

DIN 2080 L86-L88

DIN 2079 L89-L90

Cilindrische schacht L91-L98

Weldon schacht L99-L100

Bridgeport L101-L102

Coromant EH L103-L104

ER L105-L107

Koelmiddelinvoer L108


## Gedempte adapters


L109

Coromant Capto® L110-L111

HSK L112

## Adapters

| | | Machinezijde | | | | | |
|---|---|---|---|---|---|---|---|
| | | **Coromant Capto®** | **HSK** | **BIG-PLUS® ISO** | **BIG-PLUS® MAS-BT** | **ISO 7388-1** | **MAS-BT** |
| Werkstukzijde | **Coromant Capto®** | -Verlenging<br>-Verlenging met snelwissel<br>-Reductie<br><br>L4-L7<br><br>Koelmiddel-inductor L108 | -Adapter<br>-Snelwissel<br><br>L28-L30 | -Adapter<br>-Snelwissel<br><br>L43 | -Adapter<br>-Snelwissel<br><br>L52-L53 | -Adapter<br>-Snelwissel<br><br>L61 | -Adapter<br>-Snelwissel<br><br>L74-L75 |
| | **Coromant EH** | -Adapter<br><br>L8-L9 | -Adapter<br><br>L31 | | | -Adapter<br><br>L62 | -Adapter<br><br>L76 |
| | **Doorn** | -Adapter<br>-Met aandrijfschroeven<br>-Schijffrees<br><br>L10-L12 | -Adapter<br>-Met aandrijfschroeven<br><br>L32-L33 | -Adapter<br><br>L44 | -Adapter<br><br>L54 | -Adapter<br>-Met aandrijfschroeven<br>-Schijffrees<br><br>L63-L64 | -Adapter<br>-Met aandrijfschroeven<br>-Schijffrees<br><br>L77-L78 |
| | **VL** | -Adapter<br><br>L13 | -Adapter<br><br>L33 | -Adapter<br><br>L45 | -Adapter<br><br>L55 | -Adapter<br><br>L65 | -Adapter<br><br>L80 |
| | **Weldon** | -Adapter<br><br>L14 | -Adapter<br><br>L34 | | | -Adapter<br><br>L66 | -Adapter<br><br>L79 |
| | **MDI** | -Adapter<br><br>L15 | -Adapter<br><br>L35 | | | | |
| | **ISO 9766** | -Adapter<br><br>L16<br><br>Koelmiddel-inductor L108 | -Adapter<br><br>L36 | | | -Adapter<br>-Instelbare adapter<br><br>L67-L68 | -Adapter<br>-Instelbare adapter<br><br>L81 |
| | **Weldon/ ISO 9766** | -Adapter<br><br>L17 | | -Adapter<br><br>L46 | -Adapter<br><br>L55 | | |
| | **CoroMill® 327** | -Adapter<br><br>L17 | | | | | |
| | **CoroChuck™ 930** | -Adapter<br><br>L18-L22 | -Adapter<br><br>L37-L39 | -Adapter<br><br>L47 | -Adapter<br><br>L56 | -Adapter<br><br>L69 | -Adapter<br><br>L82-L83 |
| | **Krimphouder** | -Adapter<br><br>L23 | -Adapter<br><br>L40 | | | | |
| | **ER** | -Spantanghouder<br>-Boorkop<br><br>L24-L25 | -Spantanghouder<br><br>L40 | -Spantanghouder<br><br>L49 | -Spantanghouder<br><br>L58 | -Spantanghouder<br><br>L71 | -Spantanghouder<br><br>L84 |
| | **CoroChuck™ 970** | -Adapter<br><br>L26 | -Adapter<br><br>L41 | -Adapter<br><br>L50 | -Adapter<br><br>L59 | -Adapter<br><br>L72 | -Adapter<br><br>L85 |

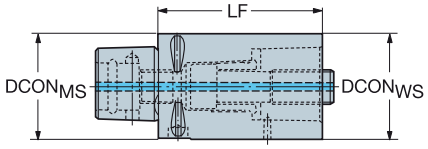
## Gedempte adapters

| | | Machinezijde | |
|---|---|---|---|
| | | **Coromant Capto®** | **HSK** |
| Werkstuk-zijde | **Coromant EH** | -Adapter<br><br>L110 | |
| | **Doorn** | -Adapter<br>-Met aandrijfschroeven<br><br>L111 | -Adapter<br><br>L112 |

| DIN 2080 | DIN 2079 | Cilindrische schacht | Weldon schacht | Bridgeport | Coromant EH | ER |
|---|---|---|---|---|---|---|
| -Adapter<br><br>L87 | -Adapter<br>-Snelwissel<br><br>L90 | | | | | |
| | | -Adapter<br><br>L92-L95 | | | | -Adapter<br><br>L106 |
| | | -Met aandrijf-schroeven<br><br>L96 | | -Adapter<br><br>L102 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | -Adapter<br><br>L100 | | -Adapter<br><br>L104 | -Adapter<br><br>L107 |
| | | | | | | |
| | | | | | | |
| | | -<br>Spantanghouder<br><br>L98 | | | -Adapter<br><br>L104 | |
| | | -Adapter<br><br>L98 | -Adapter<br><br>L100 | | -Adapter<br><br>L104 | |

# Coromant Capto® -verlengingsadapter






| | | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | BAR | NM | KG |
| C3 | C3 | 3 | 1 | C3-391.01-32 060A | 32.0 | 32.0 | 60.0 | 80 | 45.00 | 0.36 |
| | C3 | 3 | 1 | C3-391.01-32 080A | 32.0 | 32.0 | 80.0 | 80 | 45.00 | 0.47 |
| | C3 | 3 | 1 | C3-391.01-32 095 | 32.0 | 32.0 | 95.0 | 80 | 45.00 | 0.56 |
| C4 | C4 | 3 | 1 | C4-391.01-40 060A | 40.0 | 40.0 | 60.0 | 80 | 55.00 | 0.57 |
| | C4 | 3 | 1 | C4-391.01-40 080A | 40.0 | 40.0 | 80.0 | 80 | 55.00 | 0.70 |
| | C4 | 3 | 1 | C4-391.01-40 120 | 40.0 | 40.0 | 120.0 | 80 | 55.00 | 1.11 |
| C5 | C5 | 3 | 1 | C5-391.01-50 080A | 50.0 | 50.0 | 80.0 | 80 | 95.00 | 1.15 |
| | C5 | 3 | 1 | C5-391.01-50 100A | 50.0 | 50.0 | 100.0 | 80 | 95.00 | 1.38 |
| | C5 | 3 | 1 | C5-391.01-50 150 | 50.0 | 50.0 | 150.0 | 80 | 95.00 | 2.17 |
| C6 | C6 | 3 | 1 | C6-391.01-63 100A | 63.0 | 63.0 | 100.0 | 80 | 170.00 | 2.26 |
| | C6 | 3 | 1 | C6-391.01-63 140A | 63.0 | 63.0 | 140.0 | 80 | 170.00 | 3.17 |
| | C6 | 3 | 1 | C6-391.01-63 185 | 63.0 | 63.0 | 185.0 | 80 | 170.00 | 4.19 |
| C8 | C8 | 3 | 1 | C8-391.01-80 100A | 80.0 | 80.0 | 100.0 | 80 | 170.00 | 3.70 |
| | C8 | 3 | 1 | C8-391.01-80 125A | 80.0 | 80.0 | 125.0 | 80 | 170.00 | 4.64 |
| | C8 | 3 | 1 | C8-391.01-80 200 | 80.0 | 80.0 | 200.0 | 80 | 170.00 | 7.47 |
| C10 | C10 | 3 | 1 | C10-391.01-100 140 | 100.0 | 100.0 | 140.0 | 80 | 380.00 | 7.93 |
| | C10 | 3 | 1 | C10-391.01-100 200 | 100.0 | 100.0 | 200.0 | 80 | 380.00 | 11.49 |

**Korte uitvoering, alleen voor segmentklemming**

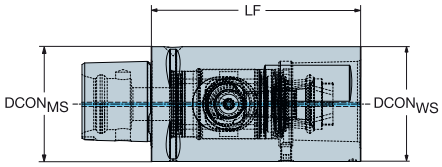
| | | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | BAR | NM | KG |
| C3 | C3 | 3 | 1 | C3-391.01-32 035 | 32.0 | 32.0 | 35.0 | 80 | 45.00 | 0.22 |
| C4 | C4 | 3 | 1 | C4-391.01-40 040 | 40.0 | 40.0 | 40.0 | 80 | 55.00 | 0.40 |
| C5 | C5 | 3 | 1 | C5-391.01-50 050 | 50.0 | 50.0 | 50.0 | 80 | 95.00 | 0.73 |
| C6 | C6 | 3 | 1 | C6-391.01-63 060 | 63.0 | 63.0 | 60.0 | 80 | 170.00 | 1.36 |
| C8 | C8 | 3 | 1 | C8-391.01-80 065 | 80.0 | 80.0 | 65.0 | 80 | 170.00 | 2.41 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N6 N15

## Coromant Capto® expansiedapter met snelwisselsysteem

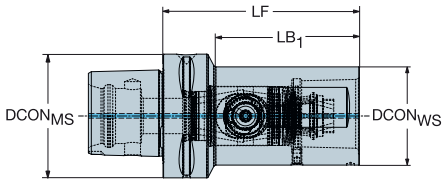





| CZCMS | CZCWS | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCONMS | DCONWS | LF | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C4 | C4 | 3 | 1 | C4-QC-C4-085 | 40.0 | 40.0 | 85.0 | 150 | 50.00 | 0.75 | 39000 |
| C5 | C5 | 3 | 1 | C5-QC-C5-100 | 50.0 | 50.0 | 100.0 | 150 | 70.00 | 1.39 | 28000 |
| C6 | C6 | 3 | 1 | C6-QC-C6-115 | 63.0 | 63.0 | 115.0 | 150 | 90.00 | 2.53 | 20000 |
| C8 | C8 | 3 | 1 | C8-QC-C8-145 | 80.0 | 80.0 | 145.0 | 150 | 130.00 | 5.16 | 14000 |

## Coromant Capto® reductieadapter met snelwisselsysteem





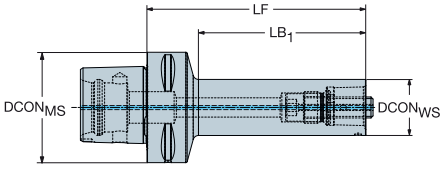

| CZCMS | CZCWS | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCONMS | DCONWS | LF | LB1 | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C5 | C4 | 3 | 1 | C5-QC-C4-085 | 50.0 | 40.0 | 85.0 | 60.5 | 150 | 50.00 | 0.95 | 28000 |
| C6 | C5 | 3 | 1 | C6-QC-C5-100 | 63.0 | 50.0 | 100.0 | 73.0 | 150 | 70.00 | 1.75 | 20000 |
| C8 | C6 | 3 | 1 | C8-QC-C6-120 | 80.0 | 63.0 | 120.0 | 84.5 | 150 | 90.00 | 3.48 | 14000 |
| C10 | C8 | 3 | 1 | C10-QC-C8-150 | 100.0 | 80.0 | 150.0 | 108.0 | 150 | 130.00 | 6.83 | 10000 |

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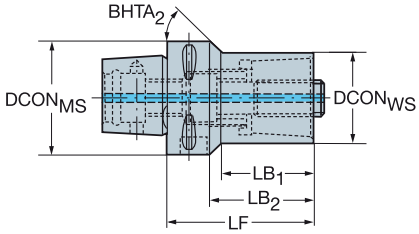
# Coromant Capto® reductie adapter






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | BAR | NM | KG |
| C4 | C3 | 3 | 1 | C4-391.02-32 055A | 40.0 | 32.0 | 55.0 | 31.0 | 80 | 45.00 | 0.49 |
| | C3 | 3 | 1 | C4-391.02-32 120 | 40.0 | 32.0 | 120.0 | 95.7 | 80 | 45.00 | 0.81 |
| C5 | C3 | 3 | 1 | C5-391.02-32 060A | 50.0 | 32.0 | 60.0 | 34.8 | 80 | 45.00 | 0.68 |
| | C3 | 3 | 1 | C5-391.02-32 120 | 50.0 | 32.0 | 120.0 | 94.4 | 80 | 45.00 | 0.99 |
| | C4 | 3 | 1 | C5-391.02-40 065A | 50.0 | 40.0 | 65.0 | 40.0 | 80 | 55.00 | 0.80 |
| | C4 | 3 | 1 | C5-391.02-40 140 | 50.0 | 40.0 | 140.0 | 115.5 | 80 | 55.00 | 1.46 |
| C6 | C3 | 3 | 1 | C6-391.02-32 070A | 63.0 | 32.0 | 70.0 | 39.0 | 80 | 45.00 | 1.12 |
| | C3 | 3 | 1 | C6-391.02-32 125 | 63.0 | 32.0 | 125.0 | 95.6 | 80 | 45.00 | 1.43 |
| | C4 | 3 | 1 | C6-391.02-40 080A | 63.0 | 40.0 | 80.0 | 51.4 | 80 | 55.00 | 1.32 |
| | C4 | 3 | 1 | C6-391.02-40 145 | 63.0 | 40.0 | 145.0 | 116.7 | 80 | 55.00 | 1.86 |
| | C5 | 3 | 1 | C6-391.02-50 080A | 63.0 | 50.0 | 80.0 | 51.5 | 80 | 95.00 | 1.53 |
| | C5 | 3 | 1 | C6-391.02-50 175 | 63.0 | 50.0 | 175.0 | 148.1 | 80 | 95.00 | 2.79 |
| C8 | C3 | 3 | 1 | C8-391.02-32 060B | 80.0 | 32.0 | 60.0 | 20.7 | 80 | 45.00 | 2.07 |
| | C3 | 3 | 1 | C8-391.02-32 135 | 80.0 | 32.0 | 135.0 | 95.7 | 80 | 45.00 | 2.53 |
| | C4 | 3 | 1 | C8-391.02-40 070B | 80.0 | 40.0 | 70.0 | 31.4 | 80 | 55.00 | 2.20 |
| | C4 | 3 | 1 | C8-391.02-40 155 | 80.0 | 40.0 | 155.0 | 116.4 | 80 | 55.00 | 2.97 |
| | C5 | 3 | 1 | C8-391.02-50 080B | 80.0 | 50.0 | 80.0 | 42.8 | 80 | 95.00 | 2.43 |
| | C5 | 3 | 1 | C8-391.02-50 185 | 80.0 | 50.0 | 185.0 | 147.8 | 80 | 95.00 | 3.88 |
| | C6 | 3 | 1 | C8-391.02-63 080B | 80.0 | 63.0 | 80.0 | 44.5 | 80 | 170.00 | 2.65 |
| | C6 | 3 | 1 | C8-391.02-63 200 | 80.0 | 63.0 | 200.0 | 164.5 | 80 | 170.00 | 5.37 |
| C10 | C6 | 3 | 1 | C10-391.02-63 200 | 100.0 | 63.0 | 200.0 | 155.8 | 80 | 170.00 | 6.92 |
| | C8 | 3 | 1 | C10-391.02-80 200 | 100.0 | 80.0 | 200.0 | 158.1 | 80 | 170.00 | 8.92 |





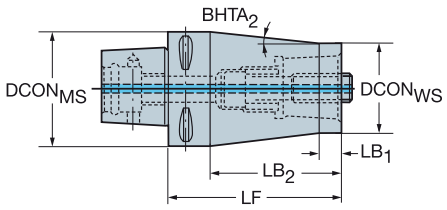

| | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BHTA_2$ | BAR | NM | KG |
| C8 | C6 | 3 | 1 | C8-391.02-63 120A | 80.0 | 63.0 | 120.0 | 10.0 | 89.2 | 6° | 80 | 170.00 | 4.10 |
| C10 | C3 | 3 | 1 | C10-391.02-32 085 | 100.0 | 32.0 | 85.0 | 36.7 | 48.2 | 71° | 80 | 45.00 | 4.15 |
| | C4 | 3 | 1 | C10-391.02-40 090 | 100.0 | 40.0 | 90.0 | 42.7 | 53.2 | 71° | 80 | 55.00 | 4.25 |
| | C5 | 3 | 1 | C10-391.02-50 095 | 100.0 | 50.0 | 95.0 | 49.1 | 58.2 | 70° | 80 | 95.00 | 4.42 |
| | C6 | 3 | 1 | C10-391.02-63 095 | 100.0 | 63.0 | 95.0 | 50.8 | 58.2 | 68° | 80 | 170.00 | 4.68 |
| | C8 | 3 | 1 | C10-391.02-80 100 | 100.0 | 80.0 | 100.0 | 58.1 | 63.2 | 63° | 80 | 170.00 | 5.25 |

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# Coromant Capto® reductie adapter



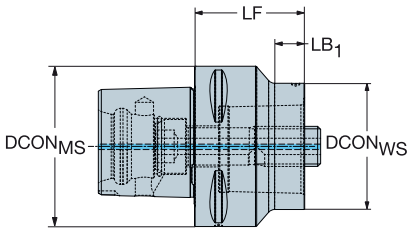


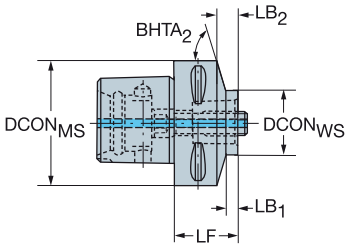

| | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BHTA_2$ | BAR | NM | KG |
| C4 | C3 | 3 | 1 | C4-391.02-32 070A | 40.0 | 32.0 | 70.0 | 10.0 | 59.2 | 6° | 80 | 45.00 | 0.59 |
| C5 | C3 | 3 | 1 | C5-391.02-32 150 | 50.0 | 32.0 | 150.0 | 5.0 | 129.2 | 4° | 80 | 45.00 | 1.65 |
| | C4 | 3 | 1 | C5-391.02-40 085A | 50.0 | 40.0 | 85.0 | 10.0 | 64.2 | 5° | 80 | 45.00 | 1.10 |
| C6 | C3 | 3 | 1 | C6-391.02-32 185 | 63.0 | 32.0 | 185.0 | 5.0 | 162.2 | 6° | 80 | 45.00 | 2.99 |
| | C4 | 3 | 1 | C6-391.02-40 185 | 63.0 | 40.0 | 185.0 | 5.0 | 162.2 | 4° | 80 | 55.00 | 3.23 |
| | C5 | 3 | 1 | C6-391.02-50 110A | 63.0 | 50.0 | 110.0 | 10.0 | 87.2 | 5° | 80 | 95.00 | 2.23 |
| C8 | C4 | 3 | 1 | C8-391.02-40 200 | 80.0 | 40.0 | 200.0 | 5.0 | 169.2 | 7° | 80 | 55.00 | 5.42 |
| | C5 | 3 | 1 | C8-391.02-50 200 | 80.0 | 50.0 | 200.0 | 5.0 | 169.2 | 5° | 80 | 95.00 | 5.84 |

**Korte uitvoering, alleen voor segmentklemming**

DSGN 2 7






| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_2$ | $BD_3$ | $BHTA_2$ | BAR | NM | KG |
| C5 | C3 | 3 | 1 | 2 | C5-391.02-32 033A | 50.0 | 32.0 | 33.0 | 5.0 | 33.0 | | 50.0 | | 0° | 80 | 45.00 | 0.54 |
| | C4 | 3 | 1 | 2 | C5-391.02-40 040A | 50.0 | 40.0 | 40.0 | 15.0 | 40.0 | | 50.0 | | 0° | 80 | 55.00 | 0.59 |
| C6 | C3 | 3 | 1 | 2 | C6-391.02-32 032 | 63.0 | 32.0 | 32.0 | 6.0 | 32.0 | | 63.0 | | 0° | 80 | 45.00 | 0.91 |
| | C4 | 3 | 1 | 2 | C6-391.02-40 040 | 63.0 | 40.0 | 40.0 | 11.0 | 40.0 | | 63.0 | | 0° | 80 | 55.00 | 0.98 |
| | C5 | 3 | 1 | 2 | C6-391.02-50 050A | 63.0 | 50.0 | 50.0 | 20.0 | 50.0 | | 63.0 | | 0° | 80 | 95.00 | 1.11 |
| C8 | C5 | 3 | 1 | 2 | C8-391.02-50 045A | 80.0 | 50.0 | 45.0 | 5.0 | 45.0 | | 80.0 | | 0° | 80 | 95.00 | 2.00 |
| | C6 | 3 | 1 | 2 | C8-391.02-63 055A | 80.0 | 63.0 | 55.0 | 15.0 | 55.0 | | 80.0 | | 0° | 80 | 170.00 | 2.15 |
| C10 | C6 | 3 | 1 | 7 | C10-391.02-63 055 | 100.0 | 63.0 | 55.0 | 14.0 | 19.0 | 55.0 | 63.0 | 100.0 | 75° | 80 | 170.00 | 3.70 |
| | C8 | 3 | 1 | 7 | C10-391.02-80 065 | 100.0 | 80.0 | 65.0 | 25.4 | 29.0 | 65.0 | 80.0 | 100.0 | 70° | 80 | 170.00 | 3.92 |

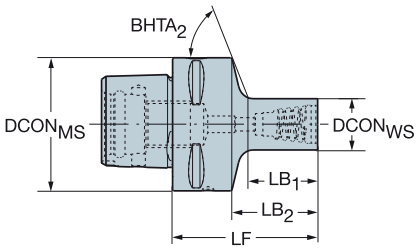
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# Coromant Capto® naar Coromant EH-adapter

## Korte uitvoering

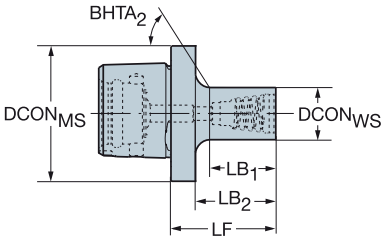





| | | | | | Afmetingen, mm | | | | | | BAR | NM | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BHTA_2$ | | | | RPMX |
| C3 | E10 | 3 | 1 | C3-391.EH-10 035 | 32.0 | 9.6 | 35.0 | 13.2 | 20.0 | 58° | 150 | 12.00 | 0.19 | 40000 |
| | E12 | 3 | 1 | C3-391.EH-12 038 | 32.0 | 11.6 | 38.0 | 16.4 | 23.0 | 57° | 150 | 15.00 | 0.21 | 40000 |
| | E16 | 3 | 1 | C3-391.EH-16 043 | 32.0 | 15.4 | 43.0 | 21.9 | 28.0 | 53° | 150 | 30.00 | 0.26 | 40000 |
| C4 | E10 | 3 | 1 | C4-391.EH-10 041 | 40.0 | 9.6 | 41.0 | 13.1 | 21.0 | 62° | 150 | 12.00 | 0.35 | 39000 |
| | E12 | 3 | 1 | C4-391.EH-12 044 | 40.0 | 11.6 | 44.0 | 16.4 | 24.0 | 61° | 150 | 15.00 | 0.36 | 39000 |
| | E16 | 3 | 1 | C4-391.EH-16 049 | 40.0 | 15.4 | 49.0 | 21.9 | 29.0 | 59° | 150 | 30.00 | 0.42 | 39000 |
| | E20 | 3 | 1 | C4-391.EH-20 046 | 40.0 | 19.2 | 46.0 | 19.4 | 26.0 | 57° | 150 | 50.00 | 0.43 | 39000 |
| | E25 | 3 | 1 | C4-391.EH-25 051 | 40.0 | 24.1 | 51.0 | 25.0 | 31.0 | 53° | 150 | 65.00 | 0.50 | 39000 |
| C5 | E10 | 3 | 1 | C5-391.EH-10 042 | 50.0 | 9.6 | 42.0 | 12.8 | 22.0 | 65° | 150 | 12.00 | 0.56 | 28000 |
| | E12 | 3 | 1 | C5-391.EH-12 045 | 50.0 | 11.6 | 45.0 | 16.0 | 25.0 | 64° | 150 | 15.00 | 0.57 | 28000 |
| | E16 | 3 | 1 | C5-391.EH-16 050 | 50.0 | 15.4 | 50.0 | 21.5 | 30.0 | 63° | 150 | 30.00 | 0.63 | 28000 |
| | E20 | 3 | 1 | C5-391.EH-20 047 | 50.0 | 19.2 | 47.0 | 19.0 | 27.0 | 62° | 150 | 50.00 | 0.64 | 28000 |
| | E25 | 3 | 1 | C5-391.EH-25 052 | 50.0 | 24.1 | 52.0 | 24.7 | 32.0 | 60° | 150 | 65.00 | 0.70 | 28000 |
| C6 | E10 | 3 | 1 | C6-391.EH-10 046 | 63.0 | 9.6 | 46.0 | 13.0 | 24.0 | 67° | 150 | 12.00 | 0.94 | 20000 |
| | E12 | 3 | 1 | C6-391.EH-12 049 | 63.0 | 11.6 | 49.0 | 16.3 | 27.0 | 67° | 150 | 15.00 | 0.95 | 20000 |
| | E16 | 3 | 1 | C6-391.EH-16 054 | 63.0 | 15.4 | 54.0 | 21.8 | 32.0 | 66° | 150 | 30.00 | 1.01 | 20000 |
| | E20 | 3 | 1 | C6-391.EH-20 051 | 63.0 | 19.2 | 51.0 | 19.3 | 29.0 | 66° | 150 | 50.00 | 1.02 | 20000 |
| | E25 | 3 | 1 | C6-391.EH-25 056 | 63.0 | 24.1 | 56.0 | 25.0 | 34.0 | 65° | 150 | 65.00 | 1.08 | 20000 |

## Korte uitvoering, alleen voor segmentklemming






| | | | | | Afmetingen, mm | | | | | | BAR | NM | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BHTA_2$ | | | | RPMX |
| C3 | E10 | 3 | 1 | C3-391.EH-10 026 | 32.0 | 9.6 | 26.0 | 13.0 | 18.0 | 45° | 150 | 12.00 | 0.15 | 40000 |
| | E12 | 3 | 1 | C3-391.EH-12 029 | 32.0 | 11.6 | 29.0 | 16.0 | 21.0 | 45° | 150 | 15.00 | 0.17 | 40000 |
| | E16 | 3 | 1 | C3-391.EH-16 027 | 32.0 | 15.4 | 27.0 | 14.0 | 19.0 | 45° | 150 | 30.00 | 0.24 | 55000 |
| | E20 | 3 | 1 | C3-391.EH-20 031 | 32.0 | 19.2 | 31.0 | 18.0 | 23.0 | 45° | 150 | 50.00 | 0.27 | 55000 |
| C4 | E10 | 3 | 1 | C4-391.EH-10 026 | 40.0 | 9.6 | 26.0 | 13.0 | 18.0 | 45° | 150 | 12.00 | 0.24 | 39000 |
| | E12 | 3 | 1 | C4-391.EH-12 029 | 40.0 | 11.6 | 29.0 | 16.0 | 21.0 | 45° | 150 | 15.00 | 0.26 | 39000 |
| | E16 | 3 | 1 | C4-391.EH-16 035 | 40.0 | 15.4 | 35.0 | 22.0 | 27.0 | 45° | 150 | 30.00 | 0.31 | 39000 |
| | E20 | 3 | 1 | C4-391.EH-20 031 | 40.0 | 19.2 | 31.0 | 18.0 | 23.0 | 45° | 150 | 50.00 | 0.34 | 39000 |
| | E25 | 3 | 1 | C4-391.EH-25 038 | 40.0 | 24.1 | 38.0 | 25.0 | 30.0 | 45° | 150 | 65.00 | 0.28 | 39000 |
| C5 | E10 | 3 | 1 | C5-391.EH-10 026 | 50.0 | 9.6 | 26.0 | 13.0 | 18.0 | 45° | 150 | 12.00 | 0.38 | 28000 |
| | E12 | 3 | 1 | C5-391.EH-12 029 | 50.0 | 11.6 | 29.0 | 16.0 | 21.0 | 45° | 150 | 15.00 | 0.40 | 28000 |
| | E16 | 3 | 1 | C5-391.EH-16 035 | 50.0 | 15.4 | 35.0 | 22.0 | 27.0 | 45° | 150 | 30.00 | 0.45 | 28000 |
| | E20 | 3 | 1 | C5-391.EH-20 031 | 50.0 | 19.2 | 31.0 | 18.0 | 23.0 | 45° | 150 | 50.00 | 0.47 | 28000 |
| | E25 | 3 | 1 | C5-391.EH-25 038 | 50.0 | 24.1 | 38.0 | 25.0 | 30.0 | 45° | 150 | 65.00 | 0.53 | 28000 |

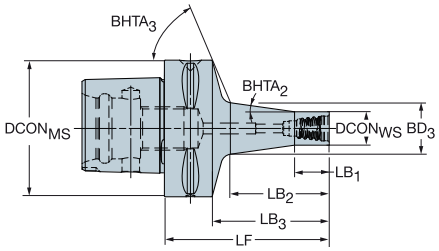
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15 N3

# Coromant Capto® naar Coromant EH-adapter

## Lange uitvoering

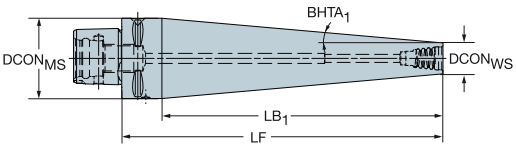





| | | | | | Afmetingen, mm | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_3$ | $BHTA_2$ | $BHTA_3$ | BAR | NM | KG | RPMX |
| C3 | E10 | 3 | 1 | C3-391.EH-10 049 | 32.0 | 9.6 | 49.0 | 10.0 | 28.5 | 34.0 | 14.8 | 8° | 57° | 150 | 12.00 | 0.20 | 40000 |
| | E12 | 3 | 1 | C3-391.EH-12 054 | 32.0 | 11.6 | 54.0 | 12.0 | 33.9 | 39.0 | 17.8 | 8° | 54° | 150 | 15.00 | 0.25 | 40000 |
| | E16 | 3 | 1 | C3-391.EH-16 065 | 32.0 | 15.4 | 65.0 | 16.0 | 45.7 | 50.0 | 23.8 | 8° | 44° | 150 | 30.00 | 0.32 | 40000 |
| C4 | E10 | 3 | 1 | C4-391.EH-10 055 | 40.0 | 9.6 | 55.0 | 10.0 | 28.5 | 32.6 | 22.1 | 8° | 62° | 150 | 12.00 | 0.37 | 39000 |
| | E12 | 3 | 1 | C4-391.EH-12 060 | 40.0 | 11.6 | 60.0 | 12.0 | 33.9 | 40.0 | 17.7 | 8° | 61° | 150 | 15.00 | 0.39 | 39000 |
| | E16 | 3 | 1 | C4-391.EH-16 071 | 40.0 | 15.4 | 71.0 | 16.0 | 45.7 | 51.0 | 23.7 | 8° | 56° | 150 | 30.00 | 0.48 | 39000 |
| | E20 | 3 | 1 | C4-391.EH-20 084 | 40.0 | 19.2 | 84.0 | 20.0 | 59.6 | 64.0 | 30.3 | 8° | 47° | 150 | 50.00 | 0.59 | 39000 |
| | E25 | 3 | 1 | C4-391.EH-25 074 | 40.0 | 24.1 | 74.0 | 25.0 | 49.6 | 54.0 | 31.0 | 8° | 45° | 150 | 65.00 | 0.61 | 39000 |
| C5 | E10 | 3 | 1 | C5-391.EH-10 056 | 50.0 | 9.6 | 56.0 | 10.0 | 28.1 | 36.0 | 14.7 | 8° | 65° | 150 | 12.00 | 0.57 | 28000 |
| | E12 | 3 | 1 | C5-391.EH-12 061 | 50.0 | 11.6 | 61.0 | 12.0 | 33.5 | 41.0 | 17.6 | 8° | 65° | 150 | 15.00 | 0.60 | 28000 |
| | E16 | 3 | 1 | C5-391.EH-16 072 | 50.0 | 15.4 | 72.0 | 16.0 | 45.3 | 52.0 | 23.6 | 8° | 63° | 150 | 30.00 | 0.69 | 28000 |
| | E20 | 3 | 1 | C5-391.EH-20 085 | 50.0 | 19.2 | 85.0 | 20.0 | 59.2 | 65.0 | 30.2 | 8° | 59° | 150 | 50.00 | 0.79 | 28000 |
| | E25 | 3 | 1 | C5-391.EH-25 100 | 50.0 | 24.1 | 100.0 | 25.0 | 75.3 | 80.0 | 38.2 | 8° | 51° | 150 | 65.00 | 1.01 | 28000 |
| C6 | E10 | 3 | 1 | C6-391.EH-10 060 | 63.0 | 9.6 | 60.0 | 10.0 | 28.4 | 38.0 | 14.8 | 8° | 68° | 150 | 12.00 | 0.95 | 20000 |
| | E12 | 3 | 1 | C6-391.EH-12 065 | 63.0 | 11.6 | 65.0 | 12.0 | 33.8 | 43.0 | 17.7 | 8° | 67° | 150 | 15.00 | 0.97 | 20000 |
| | E16 | 3 | 1 | C6-391.EH-16 076 | 63.0 | 15.4 | 76.0 | 16.0 | 45.6 | 54.0 | 23.7 | 8° | 66° | 150 | 30.00 | 1.07 | 20000 |
| | E20 | 3 | 1 | C6-391.EH-20 088 | 63.0 | 19.2 | 88.0 | 20.0 | 58.4 | 66.0 | 30.0 | 8° | 65° | 150 | 50.00 | 1.16 | 20000 |
| | E25 | 3 | 1 | C6-391.EH-25 103 | 63.0 | 24.1 | 103.0 | 25.0 | 74.5 | 81.0 | 38.0 | 8° | 62° | 150 | 65.00 | 1.37 | 20000 |
| C8 | E20 | 3 | 1 | C8-391.EH-20 100 | 80.0 | 19.2 | 100.0 | 20.0 | 60.2 | 70.0 | 30.5 | 8° | 68° | 150 | 50.00 | 2.25 | 14000 |
| | E25 | 3 | 1 | C8-391.EH-25 114 | 80.0 | 24.1 | 114.0 | 25.0 | 75.3 | 84.0 | 38.2 | 8° | 68° | 150 | 65.00 | 2.45 | 14000 |

## Lange conische uitvoering






| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| C3 | E10 | 3 | 1 | C3-391.EH-10 143 | 32.0 | 9.6 | 143.0 | 128.0 | 5° | 150 | 12.00 | 0.55 | 40000 |
| | E12 | 3 | 1 | C3-391.EH-12 132 | 32.0 | 11.6 | 132.0 | 117.0 | 5° | 150 | 15.00 | 0.56 | 40000 |
| | E16 | 3 | 1 | C3-391.EH-16 110 | 32.0 | 15.4 | 110.0 | 95.0 | 5° | 150 | 30.00 | 0.57 | 40000 |
| C4 | E10 | 3 | 1 | C4-391.EH-10 128 | 40.0 | 9.6 | 128.0 | 108.0 | 8° | 150 | 12.00 | 0.78 | 39000 |
| | E12 | 3 | 1 | C4-391.EH-12 121 | 40.0 | 11.6 | 121.0 | 101.0 | 8° | 150 | 15.00 | 0.78 | 39000 |
| | E16 | 3 | 1 | C4-391.EH-16 160 | 40.0 | 15.4 | 160.0 | 140.0 | 5° | 150 | 30.00 | 1.06 | 39000 |
| | E20 | 3 | 1 | C4-391.EH-20 139 | 40.0 | 19.2 | 139.0 | 119.0 | 5° | 150 | 50.00 | 1.03 | 39000 |
| C5 | E16 | 3 | 1 | C5-391.EH-16 143 | 50.0 | 15.4 | 143.0 | 123.0 | 8° | 150 | 30.00 | 1.43 | 28000 |
| | E20 | 3 | 1 | C5-391.EH-20 130 | 50.0 | 19.2 | 130.0 | 110.0 | 8° | 150 | 50.00 | 1.40 | 28000 |

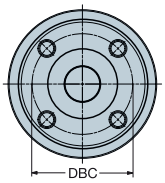
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15 N3

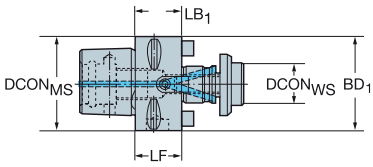
# Coromant Capto® naar doornopname



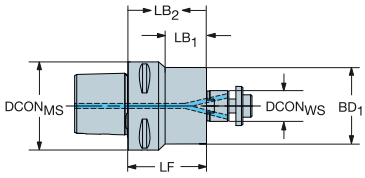
DSGN




1



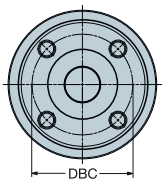

2

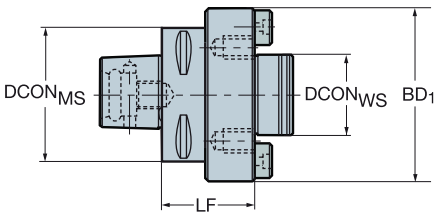



**Koelmiddel door opnamedoorn**

| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| C3 | 16 | 3 | 4 | 1 | C3-391.05C-16 030 | 32.0 | | 16.0 | 30.0 | 30.0 | | 32.0 | | 80 | 22.00 | 0.25 | 20000 |
| C4 | 16 | 3 | 4 | 2 | C4-391.05C-16 032 | 40.0 | | 16.0 | 32.0 | 10.0 | 32.0 | 32.0 | 40.0 | 80 | 22.00 | 0.38 | 20000 |
| | 16 | 3 | 4 | 2 | C4-391.05C-16 055 | 40.0 | | 16.0 | 55.0 | 33.0 | 55.0 | 32.0 | 40.0 | 80 | 22.00 | 0.40 | 20000 |
| | 22 | 3 | 4 | 1 | C4-391.05C-22 025 | 40.0 | | 22.0 | 25.0 | 25.0 | | 40.0 | | 80 | 45.00 | 0.40 | 16000 |
| | 22 | 3 | 4 | 1 | C4-391.05C-22 055 | 40.0 | | 22.0 | 55.0 | 55.0 | | 40.0 | | 80 | 45.00 | 0.60 | 16000 |
| C5 | 16 | 3 | 4 | 2 | C5-391.05C-16 035 | 50.0 | | 16.0 | 35.0 | 10.0 | 35.0 | 32.0 | 50.0 | 80 | 22.00 | 0.60 | 20000 |
| | 16 | 3 | 4 | 2 | C5-391.05C-16 070 | 50.0 | | 16.0 | 70.0 | 44.8 | 70.0 | 32.0 | 50.0 | 80 | 22.00 | 0.70 | 20000 |
| | 22 | 3 | 4 | 1 | C5-391.05C-22 025M | 50.0 | | 22.0 | 25.0 | 25.0 | | 50.0 | | 80 | 45.00 | 0.62 | 16000 |
| | 22 | 3 | 4 | 2 | C5-391.05C-22 070 | 50.0 | | 22.0 | 70.0 | 47.0 | 70.0 | 40.0 | 50.0 | 80 | 45.00 | 0.90 | 16000 |
| | 27 | 3 | 4 | 1 | C5-391.05C-27 025M | 50.0 | | 27.0 | 25.0 | 25.0 | | 56.0 | | 80 | 80.00 | 0.68 | 17000 |
| | 32 | 3 | 4 | 1 | C5-391.05C-32 040 | 50.0 | | 32.0 | 40.0 | 40.0 | | 63.0 | | 80 | 180.00 | 1.14 | 16000 |
| C6 | 16 | 3 | 4 | 2 | C6-391.05C-16 040 | 63.0 | | 16.0 | 40.0 | 10.0 | 40.0 | 32.0 | 63.0 | 80 | 22.00 | 1.00 | 20000 |
| | 22 | 3 | 4 | 1 | C6-391.05C-22 025M | 63.0 | | 22.0 | 25.0 | 25.0 | | 63.0 | | 80 | 45.00 | 0.96 | 16000 |
| | 22 | 3 | 4 | 2 | C6-391.05C-22 080 | 63.0 | | 22.0 | 80.0 | 40.0 | 80.0 | 40.0 | 63.0 | 80 | 45.00 | 1.40 | 16000 |
| | 27 | 3 | 4 | 1 | C6-391.05C-27 025M | 63.0 | | 27.0 | 25.0 | 25.0 | | 63.0 | | 80 | 80.00 | 1.01 | 17000 |
| | 27 | 3 | 4 | 2 | C6-391.05C-27 080 | 63.0 | | 27.0 | 80.0 | 55.0 | 80.0 | 50.0 | 63.0 | 80 | 80.00 | 1.60 | 17000 |
| | 32 | 3 | 4 | 1 | C6-391.05C-32 025M | 63.0 | | 32.0 | 25.0 | 25.0 | | 65.0 | | 80 | 180.00 | 1.09 | 16000 |
| | 40S | 3 | 4 | 1 | C6-391.05C-40 050M | 63.0 | 66.7 | 40.0 | 50.0 | 50.0 | | 87.0 | | 80 | 300.00 | 2.40 | 17000 |
| C8 | 16 | 3 | 4 | 2 | C8-391.05C-16 050 | 80.0 | | 16.0 | 50.0 | 10.0 | 50.0 | 32.0 | 80.0 | 80 | 22.00 | 2.10 | 14000 |
| | 22 | 3 | 4 | 1 | C8-391.05C-22 030M | 80.0 | | 22.0 | 30.0 | 30.0 | | 80.0 | | 80 | 45.00 | 1.86 | 14000 |
| | 22 | 3 | 4 | 2 | C8-391.05C-22 090 | 80.0 | | 22.0 | 90.0 | 45.0 | 90.0 | 40.0 | 80.0 | 80 | 45.00 | 2.40 | 14000 |
| | 27 | 3 | 4 | 1 | C8-391.05C-27 030M | 80.0 | | 27.0 | 30.0 | 30.0 | | 80.0 | | 80 | 80.00 | 1.91 | 14000 |
| | 27 | 3 | 4 | 2 | C8-391.05C-27 090 | 80.0 | | 27.0 | 90.0 | 50.0 | 90.0 | 50.0 | 80.0 | 80 | 80.00 | 2.70 | 14000 |
| | 32 | 3 | 4 | 1 | C8-391.05C-32 030M | 80.0 | | 32.0 | 30.0 | 30.0 | | 80.0 | | 80 | 180.00 | 2.02 | 14000 |
| | 40S | 3 | 4 | 1 | C8-391.05C-40 060M | 80.0 | 66.7 | 40.0 | 60.0 | 60.0 | | 87.0 | | 80 | 300.00 | 3.47 | 14000 |
| C10 | 27 | 3 | 4 | 2 | C10-391.05C-27 075 | 100.0 | | 27.0 | 75.0 | 29.0 | 75.0 | 60.0 | 100.0 | 80 | 80.00 | 4.52 | 10000 |
| | 32 | 3 | 4 | 2 | C10-391.05C-32 075 | 100.0 | | 32.0 | 75.0 | 33.0 | 75.0 | 78.0 | 100.0 | 80 | 180.00 | 5.04 | 10000 |
| | 40S | 3 | 4 | 1 | C10-391.05C-40 040M | 100.0 | 66.7 | 40.0 | 40.0 | 40.0 | | 100.0 | | 80 | 300.00 | 3.95 | 10000 |






| | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | Bestelnummer | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LF | $BD_1$ | NM | KG | RPMX |
| C8 | 60 | C8-391.05-60 060 | 80.0 | 101.6 | 60.0 | 60.0 | 130.0 | 180.00 | 6.03 | 14000 |
| C10 | 60 | C10-391.05-60 075 | 100.0 | 101.6 | 60.0 | 75.0 | 130.0 | 180.00 | 8.50 | 10000 |

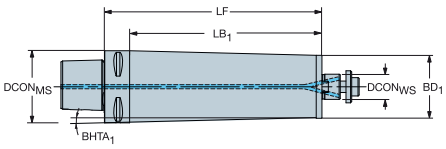
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M1 N23 N15

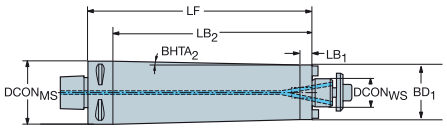
# Coromant Capto®  naar doornopname

DSGN 3



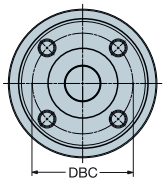


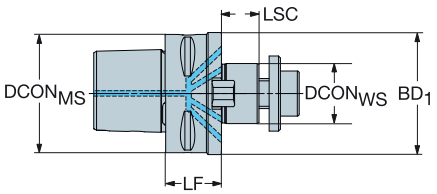

DSGN 7




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| C4 | 16 | 3 | 4 | 7 | **C4-391.05C-16 120** | 40.0 | 16.0 | 120.0 | 22.0 | 100.0 | 120.0 | 32.0 | 32.0 | 40.0 | 0° | 2° | 80 | 22.00 | 0.99 | 18000 |
| C5 | 22 | 3 | 4 | 7 | **C5-391.05C-22 150** | 50.0 | 22.0 | 150.0 | 12.0 | 130.0 | 150.0 | 40.0 | 40.0 | 50.0 | 0° | 2° | 80 | 45.00 | 2.04 | 16000 |
| C6 | 22 | 3 | 4 | 3 | **C6-391.05C-22 120** | 63.0 | 22.0 | 120.0 | 98.0 | 120.0 | | 55.0 | 63.0 | | 2° | 0° | 80 | 45.00 | 2.82 | 16000 |
| | 22 | 3 | 4 | 3 | **C6-391.05C-22 190** | 63.0 | 22.0 | 190.0 | 168.0 | 190.0 | | 55.0 | 63.0 | | 1° | 0° | 80 | 45.00 | 4.25 | 14000 |
| C8 | 27 | 3 | 4 | 3 | **C8-391.05C-27 150** | 80.0 | 27.0 | 150.0 | 120.0 | 150.0 | | 65.0 | 80.0 | | 3° | 0° | 80 | 80.00 | 5.62 | 12000 |
| | 27 | 3 | 4 | 3 | **C8-391.05C-27 240** | 80.0 | 27.0 | 240.0 | 210.0 | 240.0 | | 65.0 | 80.0 | | 2° | 0° | 80 | 80.00 | 8.42 | 10000 |






| | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LSC | LF | $BD_1$ | BAR | NM | KG | RPMX |
| C6 | 32 | 3 | 3 | **C6-391.07C-32 030** | 63.0 | | 32.0 | 20 | 25.0 | 65.0 | 80 | 180.00 | 1.23 | 12000 |
| C8 | 40S | 3 | 3 | **C8-391.07C-40 060** | 80.0 | 66.7 | 40.0 | 23 | 60.0 | 87.0 | 80 | 300.00 | 3.48 | 10000 |

Koelmiddeltoevoer voor CoroMill QD met stabiliteitsschijven. Voor stabiliteitsschijven, zie pagina M27.

Ga voor reserveonderdelen naar www.sandvik.coromant.com

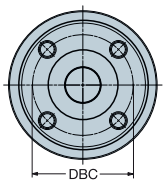
M1 N23 N15

# Coromant Capto® naar doornbevestigingsadapter met aandrijfschroeven

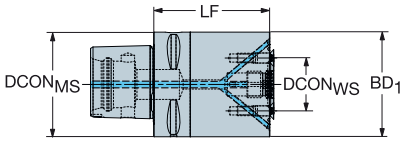
**Voor CoroMill® QD met interne koeling**



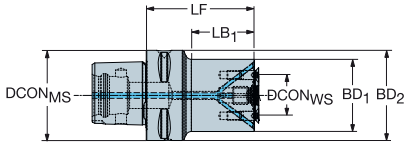
DSGN




1




2




| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| C3 | X10 | 3 | 3 | 1 | **C3-X10-032-040** | 32.0 | 22.0 | 10.0 | 2 | 40.0 | 40.0 | | 32.0 | | 80 | 6.40 | 0.28 | 12000 |
| C4 | X10 | 3 | 3 | 2 | **C4-X10-032-050** | 40.0 | 22.0 | 10.0 | 2 | 50.0 | 25.5 | 50.0 | 32.0 | 40.0 | 80 | 6.40 | 0.46 | 12000 |
| | X22 | 3 | 3 | 1 | **C4-X22-040-050** | 40.0 | 32.0 | 22.0 | 2 | 50.0 | 50.0 | | 40.0 | | 80 | 3.90 | 0.56 | 11000 |
| C5 | X22 | 3 | 3 | 2 | **C5-X22-040-060** | 50.0 | 32.0 | 22.0 | 2 | 60.0 | 35.0 | 60.0 | 40.0 | 50.0 | 80 | 3.90 | 0.85 | 11000 |
| | X32 | 3 | 3 | 1 | **C5-X32-063-070** | 50.0 | 45.0 | 32.0 | 2 | 70.0 | 70.0 | | 63.0 | | 80 | 6.40 | 1.64 | 10000 |
| C6 | X32 | 3 | 3 | 1 | **C6-X32-063-070** | 63.0 | 45.0 | 32.0 | 2 | 70.0 | 70.0 | | 63.0 | | 80 | 6.40 | 1.93 | 10000 |
| | X40 | 3 | 3 | 1 | **C6-X40-080-090** | 63.0 | 63.0 | 40.0 | 2 | 90.0 | 90.0 | | 80.0 | | 80 | 70.00 | 3.46 | 8000 |
| C8 | X40 | 3 | 3 | 1 | **C8-X40-080-095** | 80.0 | 63.0 | 40.0 | 2 | 95.0 | 95.0 | | 80.0 | | 80 | 70.00 | 4.34 | 8000 |

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M1



N23

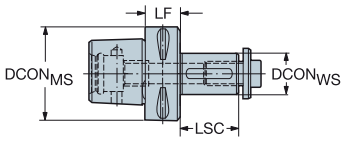


N15

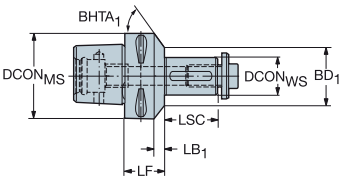
# Coromant Capto® naar schijffrees-adapter



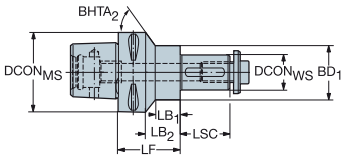
DSGN 1




3



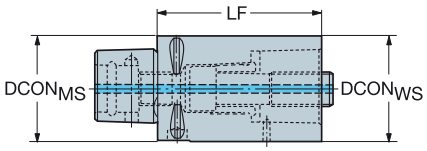

7




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| C3 | 16 | 3 | 1 | 3 | **C3-391.10-16 020** | 32.0 | 16.0 | 30 | 20.0 | 5.0 | 20.0 | | 28.0 | 32.0 | | 21° | 0° | 80 | 22.00 | 0.22 | 8000 |
| C4 | 16 | 3 | 1 | 3 | **C4-391.10-16 025** | 40.0 | 16.0 | 30 | 25.0 | 5.0 | 25.0 | | 28.0 | 40.0 | | 50° | 0° | 80 | 22.00 | 0.37 | 8000 |
| | 22 | 3 | 1 | 3 | **C4-391.10-22 025** | 40.0 | 22.0 | 40 | 25.0 | 5.0 | 25.0 | | 36.0 | 40.0 | | 22° | 0° | 80 | 45.00 | 0.46 | 8000 |
| | 27 | 3 | 1 | 1 | **C4-391.10-27 025** | 40.0 | 27.0 | 60 | 25.0 | 25.0 | | | 40.0 | | | | | 80 | 80.00 | 0.62 | 7000 |
| C5 | 22 | 3 | 1 | 3 | **C5-391.10-22 025** | 50.0 | 22.0 | 40 | 25.0 | 5.1 | 25.0 | | 36.0 | 50.0 | | 54° | 0° | 80 | 45.00 | 0.72 | 8000 |
| | 27 | 3 | 1 | 3 | **C5-391.10-27 025** | 50.0 | 27.0 | 60 | 25.0 | 5.0 | 25.0 | | 43.0 | 50.0 | | 35° | 0° | 80 | 80.00 | 0.83 | 7000 |
| | 32 | 3 | 1 | 1 | **C5-391.10-32 025** | 50.0 | 32.0 | 60 | 25.0 | 25.0 | | | 50.0 | | | | | 80 | 180.00 | 0.96 | 6000 |
| C6 | 16 | 3 | 1 | 3 | **C6-391.10-16 030** | 63.0 | 16.0 | 30 | 30.0 | 7.8 | 30.0 | | 28.0 | 63.0 | | 66° | 0° | 80 | 22.00 | 0.97 | 10000 |
| | 22 | 3 | 1 | 3 | **C6-391.10-22 030** | 63.0 | 22.0 | 40 | 30.0 | 7.9 | 30.0 | | 36.0 | 63.0 | | 59° | 0° | 80 | 45.00 | 1.10 | 8000 |
| | 27 | 3 | 1 | 3 | **C6-391.10-27 030** | 63.0 | 27.0 | 60 | 30.0 | 7.8 | 30.0 | | 43.0 | 63.0 | | 52° | 0° | 80 | 80.00 | 1.25 | 7000 |
| | 32 | 3 | 1 | 3 | **C6-391.10-32 025** | 63.0 | 32.0 | 60 | 25.0 | 3.0 | 25.0 | | 48.0 | 63.0 | | 68° | 0° | 80 | 180.00 | 1.30 | 6000 |
| | 40 | 3 | 1 | 3 | **C6-391.10-40 025** | 63.0 | 40.0 | 60 | 25.0 | 3.0 | 25.0 | | 56.0 | 63.0 | | 49° | 0° | 80 | 300.00 | 1.57 | 5000 |
| C8 | 22 | 3 | 1 | 3 | **C8-391.10-22 040** | 80.0 | 22.0 | 40 | 40.0 | 10.2 | 40.0 | | 36.0 | 80.0 | | 65° | 0° | 80 | 45.00 | 2.26 | 8000 |
| | 27 | 3 | 1 | 3 | **C8-391.10-27 030** | 80.0 | 27.0 | 60 | 30.0 | 7.8 | 30.0 | | 43.0 | 80.0 | | 67° | 0° | 80 | 80.00 | 2.00 | 7000 |
| | 32 | 3 | 1 | 3 | **C8-391.10-32 030** | 80.0 | 32.0 | 60 | 30.0 | 7.6 | 30.0 | | 48.0 | 80.0 | | 64° | 0° | 80 | 180.00 | 2.12 | 6000 |
| | 40 | 3 | 1 | 3 | **C8-391.10-40 030** | 80.0 | 40.0 | 60 | 30.0 | 7.9 | 30.0 | | 56.0 | 80.0 | | 56° | 0° | 80 | 300.00 | 2.38 | 5000 |
| | 50 | 3 | 1 | 3 | **C8-391.10-50 030** | 80.0 | 50.0 | 60 | 30.0 | 3.0 | 30.0 | | 70.0 | 80.0 | | 58° | 0° | 80 | 120.00 | 2.90 | 4500 |
| | 60 | 3 | 1 | 1 | **C8-391.10-60 030** | 80.0 | 60.0 | 60 | 30.0 | 30.0 | | | 80.0 | | | | | 80 | 180.00 | 3.51 | 4000 |
| C10 | 32 | 3 | 1 | 7 | **C10-391.10-32 065** | 100.0 | 32.0 | 60 | 65.0 | 20.0 | 29.0 | 65.0 | 48.0 | 48.0 | 100.0 | 0° | 71° | 80 | 180.00 | 4.43 | 6000 |
| | 40 | 3 | 1 | 7 | **C10-391.10-40 070** | 100.0 | 40.0 | 60 | 70.0 | 25.0 | 34.0 | 70.0 | 56.0 | 56.0 | 100.0 | 0° | 67° | 80 | 300.00 | 4.87 | 5000 |
| | 50 | 3 | 1 | 7 | **C10-391.10-50 055** | 100.0 | 50.0 | 80 | 55.0 | 10.0 | 19.0 | 55.0 | 70.0 | 70.0 | 100.0 | 0° | 59° | 80 | 120.00 | 5.44 | 4500 |
| | 60 | 3 | 1 | 3 | **C10-391.10-60 040** | 100.0 | 60.0 | 90 | 40.0 | 4.0 | 40.0 | | 84.0 | 100.0 | | 63° | 0° | 80 | 180.00 | 5.93 | 4000 |

# Coromant Capto® naar VL-adapter






| | | | | | Afmetingen, mm | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | BAR | NM | KG |
| C8 | 80 | 3 | 1 | **C8-391.01-V80 065** | 80.0 | 80.0 | 65.0 | 80 | 170.00 | 3.05 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

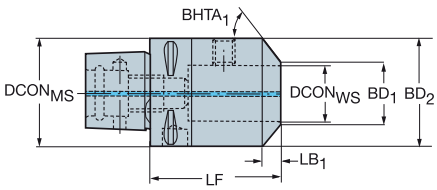
M1 N23 N15

# Coromant Capto® naar Weldon-adapter

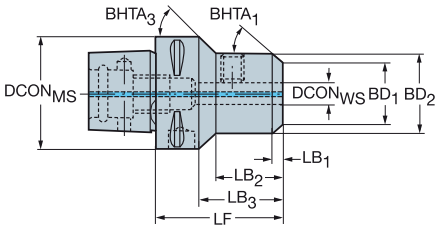
**Koppeling werkstukzijde DIN 6535-HB en DIN 1835-B**



DSGN 3




DSGN 14




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_1$ | $BHTA_3$ | BAR | NM | KG | RPMX |
| C3 | 6 | 3 | 1 | 14 | **C3-391.20-06 045A** | 32.0 | 6.0 | 46.0 | 4.0 | 27.5 | 29.5 | 46.0 | 17.0 | 25.0 | 25.0 | 32.0 | 45° | 60° | 20 | 3.00 | 0.24 | 32000 |
| | 8 | 3 | 1 | 14 | **C3-391.20-08 045A** | 32.0 | 8.0 | 46.0 | 4.0 | 29.0 | 31.0 | 46.0 | 20.0 | 28.0 | 28.0 | 32.0 | 45° | 45° | 20 | 7.00 | 0.26 | 32000 |
| | 10 | 3 | 1 | 3 | **C3-391.20-10 050** | 32.0 | 10.0 | 50.0 | 4.0 | 50.0 | | | 27.0 | 35.0 | | | 45° | | 20 | 10.00 | 0.40 | 32000 |
| | 12 | 3 | 1 | 3 | **C3-391.20-12 055** | 32.0 | 12.0 | 55.0 | 5.0 | 55.0 | | | 32.0 | 42.0 | | | 45° | | 20 | 12.00 | 0.51 | 32000 |
| C4 | 6 | 3 | 1 | 14 | **C4-391.20-06 050** | 40.0 | 6.0 | 50.0 | 4.0 | 25.5 | 29.8 | 50.0 | 17.0 | 25.0 | 25.0 | 40.0 | 45° | 60° | 20 | 3.00 | 0.40 | 30000 |
| | 8 | 3 | 1 | 14 | **C4-391.20-08 050** | 40.0 | 8.0 | 50.0 | 4.0 | 26.5 | 32.5 | 50.0 | 20.0 | 28.0 | 28.0 | 40.0 | 45° | 45° | 20 | 7.00 | 0.40 | 30000 |
| | 10 | 3 | 1 | 14 | **C4-391.20-10 050A** | 40.0 | 10.0 | 51.0 | 4.0 | 29.6 | 31.0 | 51.0 | 27.0 | 35.0 | 35.0 | 40.0 | 45° | 60° | 20 | 10.00 | 0.50 | 30000 |
| | 12 | 3 | 1 | 3 | **C4-391.20-12 055A** | 40.0 | 12.0 | 56.0 | 5.0 | 56.0 | | | 32.0 | 42.0 | | | 45° | | 20 | 12.00 | 0.61 | 30000 |
| | 14 | 3 | 1 | 3 | **C4-391.20-14 055** | 40.0 | 14.0 | 55.0 | 5.0 | 55.0 | | | 34.0 | 44.0 | | | 45° | | 20 | 12.00 | 0.62 | 30000 |
| | 16 | 3 | 1 | 3 | **C4-391.20-16 055** | 40.0 | 16.0 | 55.0 | 5.0 | 55.0 | | | 38.0 | 48.0 | | | 45° | | 20 | 15.00 | 0.70 | 30000 |
| C5 | 6 | 3 | 1 | 14 | **C5-391.20-06 050** | 50.0 | 6.0 | 50.0 | 4.0 | 25.5 | 30.0 | 50.0 | 17.0 | 25.0 | 25.0 | 50.0 | 45° | 70° | 20 | 3.00 | 0.62 | 28000 |
| | 8 | 3 | 1 | 14 | **C5-391.20-08 050** | 50.0 | 8.0 | 50.0 | 4.0 | 26.0 | 30.0 | 50.0 | 20.0 | 28.0 | 28.0 | 50.0 | 45° | 70° | 20 | 7.00 | 0.60 | 28000 |
| | 10 | 3 | 1 | 14 | **C5-391.20-10 055** | 50.0 | 10.0 | 55.0 | 4.0 | 27.5 | 35.0 | 55.0 | 27.0 | 35.0 | 35.0 | 50.0 | 45° | 45° | 20 | 10.00 | 0.72 | 28000 |
| | 12 | 3 | 1 | 14 | **C5-391.20-12 060** | 50.0 | 12.0 | 60.0 | 5.0 | 36.0 | 40.0 | 60.0 | 32.0 | 42.0 | 42.0 | 50.0 | 45° | 45° | 20 | 12.00 | 0.90 | 28000 |
| | 14 | 3 | 1 | 14 | **C5-391.20-14 060** | 50.0 | 14.0 | 60.0 | 5.0 | 37.0 | 40.0 | 60.0 | 34.0 | 44.0 | 44.0 | 50.0 | 45° | 45° | 20 | 12.00 | 0.90 | 28000 |
| | 16 | 3 | 1 | 14 | **C5-391.20-16 060** | 50.0 | 16.0 | 60.0 | 5.0 | 39.0 | 40.0 | 60.0 | 38.0 | 48.0 | 48.0 | 50.0 | 45° | 45° | 20 | 15.00 | 1.00 | 28000 |
| | 18 | 3 | 1 | 3 | **C5-391.20-18 060** | 50.0 | 18.0 | 60.0 | 5.0 | 60.0 | | | 40.0 | 50.0 | | | 45° | | 20 | 15.00 | 0.95 | 28000 |
| | 20 | 3 | 1 | 3 | **C5-391.20-20 060** | 50.0 | 20.0 | 60.0 | 5.0 | 60.0 | | | 42.0 | 52.0 | | | 45° | | 20 | 20.00 | 1.00 | 28000 |
| | 25 | 3 | 1 | 3 | **C5-391.20-25 080** | 50.0 | 25.0 | 80.0 | 8.0 | 80.0 | | | 49.0 | 65.0 | | | 45° | | 20 | 25.00 | 1.68 | 28000 |
| C6 | 6 | 3 | 1 | 14 | **C6-391.20-06 055** | 63.0 | 6.0 | 55.0 | 4.0 | 25.0 | 32.7 | 55.0 | 17.0 | 25.0 | 25.0 | 63.0 | 45° | 68° | 20 | 3.00 | 0.99 | 20000 |
| | 8 | 3 | 1 | 14 | **C6-391.20-08 055** | 63.0 | 8.0 | 55.0 | 4.0 | 26.0 | 33.1 | 55.0 | 20.0 | 28.0 | 28.0 | 63.0 | 45° | 68° | 20 | 7.00 | 1.00 | 20000 |
| | 10 | 3 | 1 | 14 | **C6-391.20-10 060** | 63.0 | 10.0 | 60.0 | 4.0 | 30.0 | 38.1 | 60.0 | 27.0 | 35.0 | 35.0 | 63.0 | 45° | 60° | 20 | 10.00 | 1.12 | 20000 |
| | 12 | 3 | 1 | 14 | **C6-391.20-12 060** | 63.0 | 12.0 | 60.0 | 5.0 | 33.0 | 37.9 | 60.0 | 32.0 | 42.0 | 42.0 | 63.0 | 45° | 65° | 20 | 12.00 | 1.20 | 20000 |
| | 14 | 3 | 1 | 14 | **C6-391.20-14 060** | 63.0 | 14.0 | 60.0 | 5.0 | 33.5 | 37.9 | 60.0 | 34.0 | 44.0 | 44.0 | 63.0 | 45° | 65° | 20 | 12.00 | 1.20 | 20000 |
| | 16 | 3 | 1 | 14 | **C6-391.20-16 065** | 63.0 | 16.0 | 65.0 | 5.0 | 35.5 | 43.0 | 65.0 | 38.0 | 48.0 | 48.0 | 63.0 | 45° | 45° | 20 | 15.00 | 1.36 | 20000 |
| | 18 | 3 | 1 | 14 | **C6-391.20-18 065** | 63.0 | 18.0 | 65.0 | 5.0 | 39.0 | 42.7 | 65.0 | 40.0 | 50.0 | 50.0 | 63.0 | 45° | 60° | 20 | 15.00 | 1.38 | 20000 |
| | 20 | 3 | 1 | 14 | **C6-391.20-20 065** | 63.0 | 20.0 | 65.0 | 5.0 | 37.5 | 43.0 | 65.0 | 42.0 | 52.0 | 52.0 | 63.0 | 45° | 45° | 20 | 20.00 | 1.30 | 20000 |
| | 25 | 3 | 1 | 3 | **C6-391.20-25 080** | 63.0 | 25.0 | 80.0 | 8.0 | 80.0 | | | 49.0 | 65.0 | | | 45° | | 20 | 25.00 | 2.00 | 20000 |
| | 32 | 3 | 1 | 3 | **C6-391.20-32 090** | 63.0 | 32.0 | 90.0 | 8.0 | 90.0 | | | 56.0 | 72.0 | | | 45° | | 20 | 45.00 | 2.48 | 20000 |
| | 40 | 3 | 1 | 3 | **C6-391.20-40 100** | 63.0 | 40.0 | 100.0 | 8.0 | 100.0 | | | 74.0 | 90.0 | | | 45° | | 20 | 45.00 | 3.88 | 20000 |
| C8 | 6 | 3 | 1 | 14 | **C8-391.20-06 070** | 80.0 | 6.0 | 70.0 | 4.0 | 27.0 | 40.0 | 70.0 | 17.0 | 25.0 | 25.0 | 80.0 | 45° | 65° | 20 | 3.00 | 2.18 | 14000 |
| | 8 | 3 | 1 | 14 | **C8-391.20-08 070** | 80.0 | 8.0 | 70.0 | 4.0 | 28.0 | 40.0 | 70.0 | 20.0 | 28.0 | 28.0 | 80.0 | 45° | 65° | 20 | 7.00 | 2.18 | 14000 |
| | 10 | 3 | 1 | 14 | **C8-391.20-10 070** | 80.0 | 10.0 | 70.0 | 4.0 | 29.5 | 40.0 | 70.0 | 27.0 | 35.0 | 35.0 | 80.0 | 45° | 65° | 20 | 10.00 | 2.22 | 14000 |
| | 12 | 3 | 1 | 14 | **C8-391.20-12 070** | 80.0 | 12.0 | 70.0 | 5.0 | 31.0 | 40.0 | 70.0 | 32.0 | 42.0 | 42.0 | 80.0 | 45° | 65° | 20 | 12.00 | 2.31 | 14000 |
| | 14 | 3 | 1 | 14 | **C8-391.20-14 070** | 80.0 | 14.0 | 70.0 | 5.0 | 31.6 | 40.0 | 70.0 | 34.0 | 44.0 | 44.0 | 80.0 | 45° | 65° | 20 | 12.00 | 2.38 | 14000 |
| | 16 | 3 | 1 | 14 | **C8-391.20-16 070** | 80.0 | 16.0 | 70.0 | 5.0 | 33.0 | 40.0 | 70.0 | 38.0 | 48.0 | 48.0 | 80.0 | 45° | 65° | 20 | 15.00 | 2.38 | 14000 |
| | 18 | 3 | 1 | 14 | **C8-391.20-18 070** | 80.0 | 18.0 | 70.0 | 5.0 | 33.0 | 40.0 | 70.0 | 40.0 | 50.0 | 50.0 | 80.0 | 45° | 65° | 20 | 15.00 | 2.40 | 14000 |
| | 20 | 3 | 1 | 14 | **C8-391.20-20 070** | 80.0 | 20.0 | 70.0 | 5.0 | 35.5 | 40.0 | 70.0 | 42.0 | 52.0 | 52.0 | 80.0 | 45° | 70° | 20 | 20.00 | 2.39 | 14000 |
| | 25 | 3 | 1 | 14 | **C8-391.20-25 080** | 80.0 | 25.0 | 80.0 | 8.0 | 53.7 | 58.0 | 80.0 | 49.0 | 65.0 | 65.0 | 80.0 | 45° | 60° | 20 | 25.00 | 2.73 | 14000 |
| | 32 | 3 | 1 | 14 | **C8-391.20-32 080** | 80.0 | 32.0 | 80.0 | 8.0 | 55.7 | 58.0 | 80.0 | 56.0 | 72.0 | 72.0 | 80.0 | 45° | 60° | 20 | 45.00 | 2.88 | 14000 |
| | 40 | 3 | 1 | 3 | **C8-391.20-40 110** | 80.0 | 40.0 | 110.0 | 8.0 | 110.0 | | | 74.0 | 90.0 | | | 45° | | 20 | 45.00 | 5.05 | 14000 |
| | 50 | 3 | 1 | 3 | **C8-391.20-50 120** | 80.0 | 50.0 | 120.0 | 8.0 | 120.0 | | | 84.0 | 100.0 | | | 45° | | 20 | 60.00 | 5.91 | 14000 |

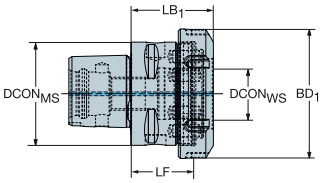
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

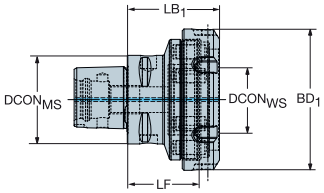
# Coromant Capto®  naar MDI adapter



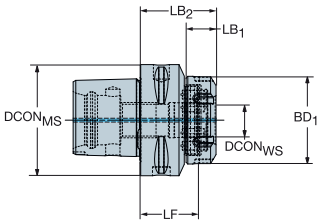
DSGN 1




1




2




| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| C3 | MDI-20 | 3 | 1 | 1 | **C3-DM20-N-032** | 32.0 | 20.0 | 32.0 | 42.0 | | 49.7 | | 80 | 135.00 | 0.31 | 55000 |
| C4 | MDI-20 | 3 | 1 | 1 | **C4-DM20-N-028** | 40.0 | 20.0 | 28.0 | 38.0 | | 49.7 | | 80 | 135.00 | 0.40 | 39000 |
| | MDI-25 | 3 | 1 | 1 | **C4-DM25-N-035** | 40.0 | 25.0 | 35.0 | 45.0 | | 62.7 | | 80 | 170.00 | 0.58 | 39000 |
| | MDI-32 | 3 | 1 | 1 | **C4-DM32-N-042** | 40.0 | 32.0 | 42.0 | 52.0 | | 67.7 | | 80 | 200.00 | 0.71 | 39000 |
| C5 | MDI-20 | 3 | 1 | 2 | **C5-DM20-N-028** | 50.0 | 20.0 | 28.0 | 18.0 | 38.0 | 49.7 | 50.0 | 80 | 135.00 | 0.57 | 28000 |
| | MDI-25 | 3 | 1 | 1 | **C5-DM25-N-030** | 50.0 | 25.0 | 30.0 | 40.0 | | 62.7 | | 80 | 170.00 | 0.67 | 28000 |
| | MDI-32 | 3 | 1 | 1 | **C5-DM32-N-035** | 50.0 | 32.0 | 35.0 | 45.0 | | 67.7 | | 80 | 200.00 | 0.77 | 28000 |
| | MDI-40 | 3 | 1 | 1 | **C5-DM40-N-040** | 50.0 | 40.0 | 40.0 | 52.0 | | 79.7 | | 80 | 230.00 | 1.00 | 28000 |
| C6 | MDI-20 | 3 | 1 | 2 | **C6-DM20-N-033** | 63.0 | 20.0 | 33.0 | 18.0 | 43.0 | 49.7 | 63.0 | 80 | 135.00 | 0.96 | 20000 |
| | MDI-25 | 3 | 1 | 2 | **C6-DM25-N-030** | 63.0 | 25.0 | 30.0 | 18.0 | 40.0 | 62.7 | 63.0 | 80 | 170.00 | 1.00 | 20000 |
| | MDI-32 | 3 | 1 | 1 | **C6-DM32-N-030** | 63.0 | 32.0 | 30.0 | 40.0 | | 67.7 | | 80 | 200.00 | 0.99 | 20000 |
| | MDI-40 | 3 | 1 | 1 | **C6-DM40-N-040** | 63.0 | 40.0 | 40.0 | 52.0 | | 79.7 | | 80 | 230.00 | 1.34 | 20000 |
| C8 | MDI-32 | 3 | 1 | 2 | **C8-DM32-N-040** | 80.0 | 32.0 | 40.0 | 18.0 | 50.0 | 67.7 | 80.0 | 80 | 200.00 | 2.01 | 14000 |
| | MDI-40 | 3 | 1 | 2 | **C8-DM40-N-040** | 80.0 | 40.0 | 40.0 | 22.0 | 52.0 | 79.7 | 80.0 | 80 | 230.00 | 2.09 | 14000 |

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M1



N23

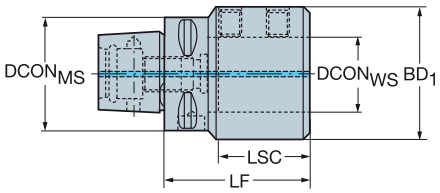


N15

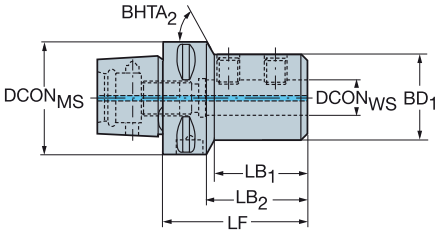
# Coromant Capto® naar ISO 9766-adapter



DSGN 1




7




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| C3 | 16 | 3 | 1 | 1 | C3-391.27-16 056 | 32.0 | 16.0 | 49 | 56.0 | 56.0 | | | 36.0 | | | | 20 | 10.00 | 0.40 | 32000 |
| | 20 | 3 | 1 | 1 | C3-391.27-20 060 | 32.0 | 20.0 | 51 | 60.0 | 60.0 | | | 40.0 | | | | 20 | 12.00 | 0.46 | 32000 |
| | 25 | 3 | 1 | 1 | C3-391.27-25 080 | 32.0 | 25.0 | 57 | 80.0 | 80.0 | | | 45.0 | | | | 20 | 20.00 | 0.70 | 32000 |
| C4 | 16 | 3 | 1 | 7 | C4-391.27-16 056 | 40.0 | 16.0 | 49 | 56.0 | 32.5 | 36.0 | 56.0 | 36.0 | 36.0 | 40.0 | 30° | 20 | 10.00 | 0.49 | 30000 |
| | 20 | 3 | 1 | 1 | C4-391.27-20 060 | 40.0 | 20.0 | 51 | 60.0 | 60.0 | | | 40.0 | | | | 20 | 12.00 | 0.55 | 30000 |
| | 25 | 3 | 1 | 1 | C4-391.27-25 077 | 40.0 | 25.0 | 57 | 77.0 | 77.0 | | | 45.0 | | | | 20 | 20.00 | 0.75 | 30000 |
| | 32 | 3 | 1 | 1 | C4-391.27-32 088 | 40.0 | 32.0 | 61 | 88.0 | 88.0 | | | 52.0 | | | | 20 | 30.00 | 0.99 | 30000 |
| C5 | 16 | 3 | 1 | 7 | C5-391.27-16 065 | 50.0 | 16.0 | 49 | 65.0 | 41.7 | 45.0 | 65.0 | 36.0 | 36.0 | 50.0 | 65° | 20 | 10.00 | 0.75 | 28000 |
| | 20 | 3 | 1 | 7 | C5-391.27-20 060 | 50.0 | 20.0 | 51 | 60.0 | 37.7 | 40.0 | 60.0 | 40.0 | 40.0 | 50.0 | 65° | 20 | 12.00 | 0.74 | 28000 |
| | 25 | 3 | 1 | 7 | C5-391.27-25 071 | 50.0 | 25.0 | 57 | 71.0 | 46.7 | 51.0 | 71.0 | 45.0 | 45.0 | 50.0 | 30° | 20 | 20.00 | 0.46 | 28000 |
| | 32 | 3 | 1 | 1 | C5-391.27-32 075 | 50.0 | 32.0 | 61 | 75.0 | 75.0 | | | 52.0 | | | | 20 | 30.00 | 0.97 | 28000 |
| | 40 | 3 | 1 | 1 | C5-391.27-40 100 | 50.0 | 40.0 | 71 | 100.0 | 100.0 | | | 65.0 | | | | 20 | 40.00 | 1.79 | 28000 |
| C6 | 16 | 3 | 1 | 7 | C6-391.27-16 070 | 63.0 | 16.0 | 49 | 70.0 | 43.0 | 47.9 | 70.0 | 36.0 | 36.0 | 63.0 | 70° | 20 | 10.00 | 1.14 | 20000 |
| | 20 | 3 | 1 | 7 | C6-391.27-20 070 | 63.0 | 20.0 | 51 | 70.0 | 43.8 | 48.0 | 70.0 | 40.0 | 40.0 | 63.0 | 70° | 20 | 12.00 | 1.18 | 20000 |
| | 25 | 3 | 1 | 7 | C6-391.27-25 070A | 63.0 | 25.0 | 57 | 72.0 | 45.8 | 50.0 | 72.0 | 45.0 | 45.0 | 63.0 | 65° | 20 | 20.00 | 1.23 | 20000 |
| | 32 | 3 | 1 | 7 | C6-391.27-32 075 | 63.0 | 32.0 | 61 | 75.0 | 49.8 | 53.0 | 75.0 | 52.0 | 52.0 | 63.0 | 60° | 20 | 30.00 | 1.30 | 20000 |
| | 40 | 3 | 1 | 1 | C6-391.27-40 085 | 63.0 | 40.0 | 71 | 85.0 | 85.0 | | | 65.0 | | | | 20 | 40.00 | 1.74 | 20000 |
| | 50 | 3 | 1 | 1 | C6-391.27-50 115 | 63.0 | 50.0 | 81 | 115.0 | 115.0 | | | 75.0 | | | | 20 | 45.00 | 2.70 | 20000 |
| C8 | 16 | 3 | 1 | 7 | C8-391.27-16 080 | 80.0 | 16.0 | 49 | 80.0 | 42.0 | 50.0 | 80.0 | 36.0 | 36.0 | 80.0 | 70° | 20 | 10.00 | 2.25 | 14000 |
| | 20 | 3 | 1 | 7 | C8-391.27-20 080 | 80.0 | 20.0 | 51 | 80.0 | 43.8 | 49.9 | 80.0 | 40.0 | 40.0 | 80.0 | 73° | 20 | 12.00 | 2.26 | 14000 |
| | 25 | 3 | 1 | 7 | C8-391.27-25 085 | 80.0 | 25.0 | 57 | 85.0 | 49.8 | 55.1 | 85.0 | 45.0 | 45.0 | 80.0 | 73° | 20 | 20.00 | 2.32 | 14000 |
| | 32 | 3 | 1 | 7 | C8-391.27-32 090 | 80.0 | 32.0 | 61 | 90.0 | 53.8 | 60.0 | 90.0 | 52.0 | 52.0 | 80.0 | 66° | 20 | 30.00 | 2.46 | 14000 |
| | 40 | 3 | 1 | 7 | C8-391.27-40 095 | 80.0 | 40.0 | 71 | 95.0 | 62.8 | 65.1 | 95.0 | 65.0 | 65.0 | 80.0 | 73° | 20 | 40.00 | 2.78 | 14000 |
| | 50 | 3 | 1 | 7 | C8-391.27-50 100 | 80.0 | 50.0 | 81 | 100.0 | 68.6 | 70.0 | 100.0 | 75.0 | 75.0 | 80.0 | 61° | 20 | 45.00 | 2.94 | 14000 |

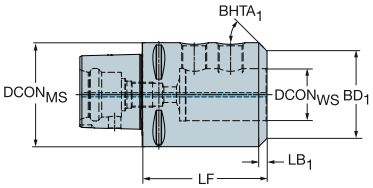
Ga voor reserveonderdelen naar www.sandvik.coromant.com

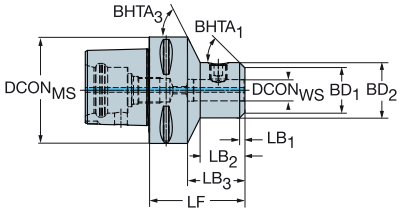
M1 N23 N15

# Coromant Capto® naar Weldon / ISO 9766-adapter

DSGN 3 14





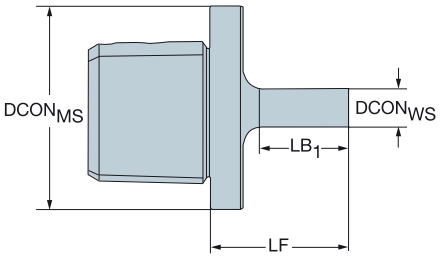




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_1$ | $BHTA_3$ | BAR | NM | KG | RPMX |
| C10 | 20 | 3 | 1 | 14 | **C10-391.23-20 090** | 100.0 | 20.0 | 90.0 | 5.0 | 42.0 | 54.0 | 90.0 | 42.0 | 52.0 | 52.0 | 100.0 | 45° | 63° | 20 | 20.00 | 4.00 | 10000 |
| | 25 | 3 | 1 | 14 | **C10-391.23-25 105** | 100.0 | 25.0 | 105.0 | 8.0 | 61.0 | 69.0 | 105.0 | 49.0 | 65.0 | 65.0 | 100.0 | 45° | 65° | 20 | 25.00 | 5.09 | 10000 |
| | 32 | 3 | 1 | 14 | **C10-391.23-32 110** | 100.0 | 32.0 | 110.0 | 8.0 | 66.0 | 74.0 | 110.0 | 56.0 | 72.0 | 72.0 | 100.0 | 45° | 60° | 20 | 45.00 | 5.41 | 10000 |
| | 40 | 3 | 1 | 14 | **C10-391.23-40 115** | 100.0 | 40.0 | 115.0 | 8.0 | 76.0 | 79.0 | 115.0 | 74.0 | 90.0 | 90.0 | 100.0 | 45° | 59° | 20 | 45.00 | 6.58 | 10000 |
| | 50 | 3 | 1 | 3 | **C10-391.23-50 120** | 100.0 | 50.0 | 120.0 | 8.0 | 120.0 | | | 84.0 | 100.0 | | | 45° | | 20 | 60.00 | 7.20 | 10000 |

# Coromant Capto® naar CoroMill® 327-adapter

**Korte uitvoering, alleen voor segmentklemming**






| | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | NM | KG | RPMX |
| C3 | 09 | **C3-391.327-09 035** | 32.0 | 9.0 | 35.0 | 22.0 | 4.30 | 0.14 | 55000 |
| C4 | 09 | **C4-391.327-09 035** | 40.0 | 9.0 | 35.0 | 22.0 | 4.30 | 0.21 | 39000 |
| | 12 | **C4-391.327-12 043** | 40.0 | 12.0 | 43.0 | 30.0 | 6.50 | 0.29 | 39000 |
| C5 | 12 | **C5-391.327-12 043** | 50.0 | 12.0 | 43.0 | 30.0 | 6.50 | 0.41 | 28000 |
| | 14 | **C5-391.327-14 048** | 50.0 | 14.3 | 48.0 | 35.0 | 6.50 | 0.43 | 28000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

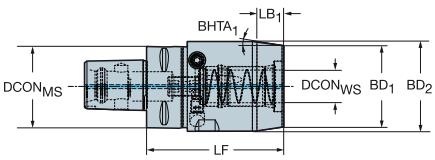
M1 N23 N15

# Coromant Capto® naar CoroChuck™ 930

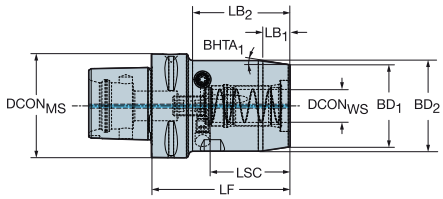
**Heavy duty uitvoering**



DSGN 3




DSGN 6




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| C4 | 20 | 3 | 1 | 3 | **930-C4-HD-20-084** | 40.0 | 20.0 | 51 | 84.0 | 17.8 | 84.0 | | 50.0 | 55.0 | | 8° | 80 | 10.00 | 1.25 | 39000 |
| C5 | 20 | 3 | 1 | 3 | **930-C5-HD-20-082** | 50.0 | 20.0 | 51 | 82.0 | 17.8 | 82.0 | | 50.0 | 55.0 | | 8° | 80 | 10.00 | 1.40 | 28000 |
| | 25 | 3 | 1 | 3 | **930-C5-HD-25-088** | 50.0 | 25.0 | 57 | 88.0 | 18.8 | 88.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 1.86 | 28000 |
| C6 | 20 | 3 | 1 | 6 | **930-C6-HD-20-084** | 63.0 | 20.0 | 51 | 84.0 | 17.8 | 59.0 | 84.0 | 50.0 | 55.0 | 63.0 | 8° | 80 | 10.00 | 1.76 | 20000 |
| | 25 | 3 | 1 | 3 | **930-C6-HD-25-087** | 63.0 | 25.0 | 57 | 87.0 | 18.8 | 87.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 2.16 | 20000 |
| | 25 | 3 | 1 | 3 | **930-C6-HD-25-150** | 63.0 | 25.0 | 57 | 150.0 | 18.8 | 150.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 3.63 | 20000 |
| | 32 | 3 | 1 | 3 | **930-C6-HD-32-091** | 63.0 | 32.0 | 61 | 91.0 | 18.8 | 91.0 | | 68.0 | 76.0 | | 12° | 80 | 10.00 | 2.75 | 20000 |
| C8 | 20 | 3 | 1 | 6 | **930-C8-HD-20-097** | 80.0 | 20.0 | 51 | 97.0 | 17.8 | 62.0 | 97.0 | 50.0 | 55.0 | 80.0 | 8° | 80 | 10.00 | 2.88 | 14000 |
| | 25 | 3 | 1 | 6 | **930-C8-HD-25-097** | 80.0 | 25.0 | 57 | 97.0 | 18.8 | 63.0 | 97.0 | 57.0 | 65.0 | 80.0 | 12° | 80 | 10.00 | 3.22 | 14000 |
| | 32 | 3 | 1 | 6 | **930-C8-HD-32-085** | 80.0 | 32.0 | 61 | 85.0 | 18.8 | 53.3 | 85.0 | 67.8 | 76.0 | 80.0 | 12° | 80 | 10.00 | 3.25 | 14000 |
| | 32 | 3 | 1 | 6 | **930-C8-HD-32-180** | 80.0 | 32.0 | 61 | 180.0 | 18.8 | 148.0 | 180.0 | 68.0 | 76.0 | 80.0 | 12° | 80 | 10.00 | 6.54 | 14000 |
| C10 | 20 | 3 | 1 | 6 | **930-C10-HD-20-102** | 100.0 | 20.0 | 51 | 102.0 | 17.8 | 59.0 | 102.0 | 50.0 | 55.0 | 100.0 | 8° | 80 | 10.00 | 4.49 | 10000 |
| | 25 | 3 | 1 | 6 | **930-C10-HD-25-105** | 100.0 | 25.0 | 57 | 105.0 | 18.8 | 63.0 | 105.0 | 57.0 | 65.0 | 100.0 | 12° | 80 | 10.00 | 4.89 | 10000 |
| | 32 | 3 | 1 | 6 | **930-C10-HD-32-098** | 100.0 | 32.0 | 61 | 98.0 | 18.8 | 56.2 | 98.0 | 67.8 | 76.0 | 100.0 | 12° | 80 | 10.00 | 5.14 | 10000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

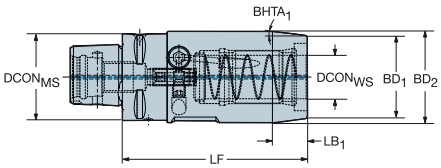
M1 N23 N6 N15 N4

# Coromant Capto® naar CoroChuck™ 930

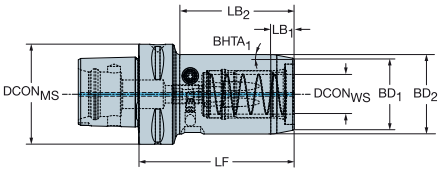
**Slanke uitvoering**

DSGN 3





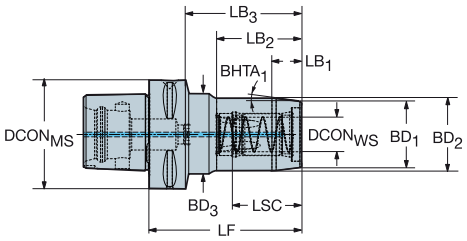

6




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| C3 | 6 | 3 | 1 | 6 | **930-C3-S-06-064** | 32.0 | 6.0 | 37 | 64.0 | 11.3 | 33.2 | 64.0 | 22.0 | 26.0 | 32.0 | 10° | 80 | 8.00 | 0.32 | 55000 |
| | 8 | 3 | 1 | 6 | **930-C3-S-08-065** | 32.0 | 8.0 | 37 | 65.0 | 11.3 | 35.3 | 65.0 | 24.0 | 28.0 | 32.0 | 10° | 80 | 8.00 | 0.36 | 55000 |
| | 10 | 3 | 1 | 6 | **930-C3-S-10-070** | 32.0 | 10.0 | 41 | 70.0 | 11.3 | 39.6 | 70.0 | 26.0 | 30.0 | 32.0 | 10° | 80 | 8.00 | 0.38 | 55000 |
| | 12 | 3 | 1 | 3 | **930-C3-S-12-074** | 32.0 | 12.0 | 46 | 74.0 | 11.3 | 74.0 | | 28.0 | 32.0 | | 10° | 80 | 8.00 | 0.45 | 55000 |
| C4 | 6 | 3 | 1 | 6 | **930-C4-S-06-066** | 40.0 | 6.0 | 37 | 66.0 | 11.3 | 30.2 | 66.0 | 22.0 | 26.0 | 40.0 | 10° | 80 | 8.00 | 0.48 | 39000 |
| | 8 | 3 | 1 | 6 | **930-C4-S-08-066** | 40.0 | 8.0 | 37 | 66.0 | 11.3 | 30.2 | 66.0 | 24.0 | 28.0 | 40.0 | 10° | 80 | 8.00 | 0.50 | 39000 |
| | 10 | 3 | 1 | 6 | **930-C4-S-10-072** | 40.0 | 10.0 | 41 | 72.0 | 11.3 | 34.2 | 72.0 | 26.0 | 30.0 | 40.0 | 10° | 80 | 8.00 | 0.55 | 39000 |
| | 12 | 3 | 1 | 6 | **930-C4-S-12-080A** | 40.0 | 12.0 | 46 | 80.0 | 11.3 | 40.0 | 80.0 | 28.0 | 32.0 | 40.0 | 15° | 80 | 8.00 | 0.65 | 39000 |
| | 20 | 3 | 1 | 3 | **930-C4-S-20-090A** | 40.0 | 20.0 | 51 | 90.0 | 16.0 | 90.0 | | 38.0 | 42.0 | | 7° | 80 | 8.00 | 0.85 | 39000 |
| C5 | 6 | 3 | 1 | 6 | **930-C5-S-06-068** | 50.0 | 6.0 | 37 | 68.0 | 11.3 | 30.2 | 68.0 | 22.0 | 26.0 | 50.0 | 10° | 80 | 8.00 | 0.75 | 28000 |
| | 8 | 3 | 1 | 6 | **930-C5-S-08-070** | 50.0 | 8.0 | 37 | 70.0 | 11.3 | 32.2 | 70.0 | 24.0 | 28.0 | 50.0 | 10° | 80 | 8.00 | 0.77 | 28000 |
| | 10 | 3 | 1 | 6 | **930-C5-S-10-072** | 50.0 | 10.0 | 41 | 72.0 | 11.3 | 34.2 | 72.0 | 26.0 | 30.0 | 50.0 | 10° | 80 | 8.00 | 0.80 | 20000 |
| | 12 | 3 | 1 | 6 | **930-C5-S-12-075** | 50.0 | 12.0 | 46 | 75.0 | 11.3 | 38.2 | 75.0 | 28.0 | 32.0 | 50.0 | 10° | 80 | 8.00 | 0.85 | 28000 |
| | 20 | 3 | 1 | 6 | **930-C5-S-20-085** | 50.0 | 20.0 | 51 | 85.0 | 16.0 | 49.2 | 85.0 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 1.04 | 28000 |
| | 20 | 3 | 1 | 6 | **930-C5-S-20-125** | 50.0 | 20.0 | 51 | 125.0 | 16.0 | 49.2 | 125.0 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 1.63 | 28000 |
| | 25 | 3 | 1 | 3 | **930-C5-S-25-091** | 50.0 | 25.0 | 57 | 91.0 | 12.9 | 91.0 | | 45.0 | 50.0 | | 11° | 80 | 8.00 | 1.28 | 28000 |
| C6 | 25 | 3 | 1 | 6 | **930-C6-S-25-098** | 63.0 | 25.0 | 57 | 98.0 | 12.9 | 72.1 | 98.0 | 45.0 | 50.0 | 63.0 | 11° | 80 | 8.00 | 1.70 | 20000 |
| C8 | 25 | 3 | 1 | 6 | **930-C8-S-25-108** | 80.0 | 25.0 | 57 | 108.0 | 12.9 | 72.0 | 108.0 | 45.0 | 50.0 | 80.0 | 11° | 80 | 8.00 | 2.74 | 14000 |

DSGN 10






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| C6 | 6 | 3 | 1 | 10 | **930-C6-S-06-074** | 63.0 | 6.0 | 37 | 74.0 | 11.3 | 30.2 | 48.1 | 22.0 | 26.0 | 50.0 | 10° | 80 | 8.00 | 1.15 | 20000 |
| | 8 | 3 | 1 | 10 | **930-C6-S-08-076** | 63.0 | 8.0 | 37 | 76.0 | 11.3 | 32.2 | 50.1 | 24.0 | 28.0 | 50.0 | 10° | 80 | 8.00 | 1.17 | 20000 |
| | 10 | 3 | 1 | 10 | **930-C6-S-10-078** | 63.0 | 10.0 | 41 | 78.0 | 11.3 | 34.2 | 52.1 | 26.0 | 30.0 | 50.0 | 10° | 80 | 8.00 | 1.20 | 20000 |
| | 12 | 3 | 1 | 10 | **930-C6-S-12-082** | 63.0 | 12.0 | 46 | 82.0 | 11.3 | 38.2 | 56.0 | 28.0 | 32.0 | 50.0 | 10° | 80 | 8.00 | 1.26 | 20000 |
| | 20 | 3 | 1 | 10 | **930-C6-S-20-091** | 63.0 | 20.0 | 51 | 91.0 | 16.0 | 49.2 | 65.1 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 1.45 | 20000 |
| | 20 | 3 | 1 | 10 | **930-C6-S-20-150** | 63.0 | 20.0 | 51 | 150.0 | 16.0 | 49.2 | 66.8 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 2.55 | 20000 |
| C8 | 12 | 3 | 1 | 10 | **930-C8-S-12-094** | 80.0 | 12.0 | 46 | 94.0 | 11.3 | 38.2 | 59.0 | 28.0 | 32.0 | 50.0 | 10° | 80 | 8.00 | 2.36 | 14000 |
| | 20 | 3 | 1 | 10 | **930-C8-S-20-103** | 80.0 | 20.0 | 51 | 103.0 | 16.0 | 49.2 | 68.0 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 2.54 | 14000 |
| | 20 | 3 | 1 | 10 | **930-C8-S-20-175** | 80.0 | 20.0 | 51 | 175.0 | 16.0 | 49.2 | 70.0 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 4.39 | 14000 |

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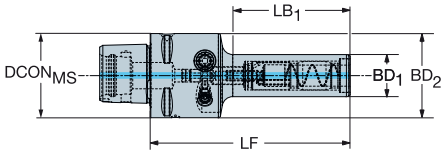
M1 N23 N6 N15 N4

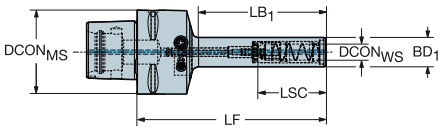
# Coromant Capto® naar CoroChuck™ 930

**Potlooduitvoering**

DSGN 2 5

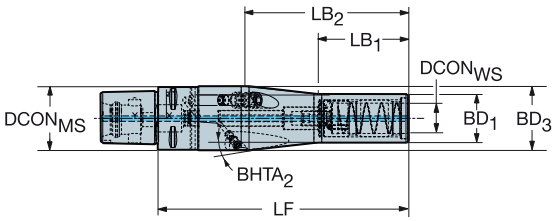





| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LSC | LF | LB$_1$ | LB$_2$ | LB$_3$ | BD$_1$ | BD$_2$ | BD$_3$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C4 | 6 | 3 | 1 | 2 | 930-C4-P-06-085 | 40.0 | 6.0 | 37 | 85.0 | 45.8 | 85.0 | | 14.5 | 40.0 | | 80 | 8.00 | 0.42 | 39000 |
| | 8 | 3 | 1 | 2 | 930-C4-P-08-085 | 40.0 | 8.0 | 37 | 85.0 | 45.8 | 85.0 | | 17.5 | 40.0 | | 80 | 8.00 | 0.45 | 39000 |
| | 10 | 3 | 1 | 2 | 930-C4-P-10-095 | 40.0 | 10.0 | 41 | 95.0 | 55.8 | 95.0 | | 20.0 | 40.0 | | 80 | 8.00 | 0.50 | 39000 |
| | 10 | 3 | 1 | 2 | 930-C4-P-10-135 | 40.0 | 10.0 | 41 | 135.0 | 95.8 | 135.0 | | 20.0 | 40.0 | | 80 | 8.00 | 0.59 | 39000 |
| | 12 | 3 | 1 | 2 | 930-C4-P-12-100 | 40.0 | 12.0 | 46 | 100.0 | 60.8 | 100.0 | | 22.0 | 40.0 | | 80 | 8.00 | 0.56 | 39000 |
| | 12 | 3 | 1 | 2 | 930-C4-P-12-135 | 40.0 | 12.0 | 46 | 135.0 | 95.8 | 135.0 | | 22.0 | 40.0 | | 80 | 8.00 | 0.66 | 39000 |
| C5 | 6 | 3 | 1 | 5 | 930-C5-P-06-088 | 50.0 | 6.0 | 37 | 88.0 | 47.9 | 65.0 | 88.0 | 14.5 | 40.0 | 50.0 | 80 | 8.00 | 0.67 | 28000 |
| | 8 | 3 | 1 | 5 | 930-C5-P-08-088 | 50.0 | 8.0 | 37 | 88.0 | 45.8 | 64.9 | 88.0 | 17.5 | 40.0 | 50.0 | 80 | 8.00 | 0.65 | 28000 |
| | 10 | 3 | 1 | 5 | 930-C5-P-10-098 | 50.0 | 10.0 | 41 | 98.0 | 55.8 | 74.9 | 98.0 | 20.0 | 40.0 | 50.0 | 80 | 8.00 | 0.70 | 28000 |
| | 10 | 3 | 1 | 5 | 930-C5-P-10-138 | 50.0 | 10.0 | 41 | 138.0 | 95.8 | 114.9 | 138.0 | 20.0 | 40.0 | 50.0 | 80 | 8.00 | 0.80 | 28000 |
| | 12 | 3 | 1 | 5 | 930-C5-P-12-103 | 50.0 | 12.0 | 46 | 103.0 | 60.8 | 80.0 | 103.0 | 22.0 | 40.0 | 50.0 | 80 | 8.00 | 0.78 | 28000 |
| | 12 | 3 | 1 | 5 | 930-C5-P-12-138 | 50.0 | 12.0 | 46 | 138.0 | 95.8 | 115.0 | 138.0 | 22.0 | 40.0 | 50.0 | 80 | 8.00 | 0.88 | 28000 |
| C6 | 6 | 3 | 1 | 5 | 930-C6-P-06-091 | 63.0 | 6.0 | 37 | 91.0 | 47.9 | 64.9 | 91.0 | 14.5 | 40.0 | 63.0 | 80 | 8.00 | 1.03 | 20000 |
| | 8 | 3 | 1 | 5 | 930-C6-P-08-091 | 63.0 | 8.0 | 37 | 91.0 | 45.8 | 64.9 | 91.0 | 17.5 | 40.0 | 63.0 | 80 | 8.00 | 1.00 | 20000 |
| | 10 | 3 | 1 | 5 | 930-C6-P-10-102 | 63.0 | 10.0 | 41 | 102.0 | 55.8 | 75.0 | 102.0 | 20.0 | 40.0 | 63.0 | 80 | 8.00 | 1.07 | 20000 |
| | 10 | 3 | 1 | 5 | 930-C6-P-10-142 | 63.0 | 10.0 | 41 | 142.0 | 95.8 | 115.0 | 142.0 | 20.0 | 40.0 | 63.0 | 80 | 8.00 | 1.16 | 20000 |
| | 12 | 3 | 1 | 5 | 930-C6-P-12-107 | 63.0 | 12.0 | 46 | 107.0 | 60.8 | 80.0 | 107.0 | 22.0 | 40.0 | 63.0 | 80 | 8.00 | 1.14 | 20000 |
| | 12 | 3 | 1 | 5 | 930-C6-P-12-142 | 63.0 | 12.0 | 46 | 142.0 | 95.8 | 115.0 | 142.0 | 22.0 | 40.0 | 63.0 | 80 | 8.00 | 1.25 | 20000 |
| C8 | 12 | 3 | 1 | 5 | 930-C8-P-12-120 | 80.0 | 12.0 | 46 | 120.0 | 60.8 | 83.0 | 120.0 | 22.0 | 40.0 | 80.0 | 80 | 8.00 | 2.23 | 14000 |
| | 12 | 3 | 1 | 5 | 930-C8-P-12-155 | 80.0 | 12.0 | 46 | 155.0 | 95.8 | 118.0 | 155.0 | 22.0 | 40.0 | 80.0 | 80 | 8.00 | 2.38 | 14000 |






| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LSC | LF | LB$_1$ | LB$_2$ | BD$_1$ | BD$_3$ | BHTA$_2$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C4 | 20 | 3 | 1 | 930-C4-P-20-160 | 40.0 | 20.0 | 51 | 160.0 | 60.0 | 108.0 | 32.0 | 42.0 | 5° | 80 | 8.00 | 1.22 | 39000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

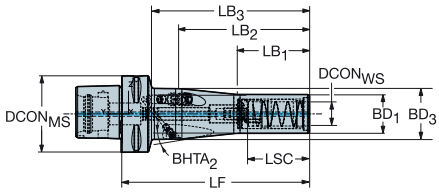
M1 N23 N6 N15 N4

# Coromant Capto® naar CoroChuck™ 930

**Potlooduitvoering**

DSGN 11

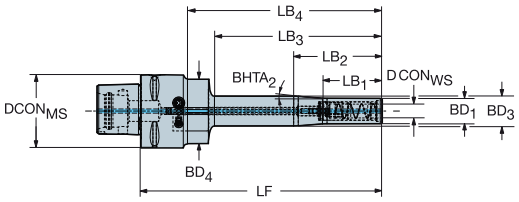





| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_3$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| C4 | 12 | 3 | 1 | 11 | **930-C4-P-12-185** | 40.0 | 12.0 | 46 | 185.0 | 50.0 | 75.0 | 145.8 | 22.0 | 26.0 | 4° | 80 | 8.00 | 0.94 | 39000 |
| C5 | 20 | 3 | 1 | 11 | **930-C5-P-20-151** | 50.0 | 20.0 | 51 | 151.0 | 60.0 | 108.0 | 128.0 | 32.0 | 42.0 | 6° | 80 | 8.00 | 1.32 | 28000 |
| | 20 | 3 | 1 | 11 | **930-C5-P-20-231** | 50.0 | 20.0 | 51 | 231.0 | 60.0 | 188.0 | 208.0 | 32.0 | 42.0 | 2° | 80 | 8.00 | 2.00 | 28000 |
| C6 | 20 | 3 | 1 | 11 | **930-C6-P-20-155** | 63.0 | 20.0 | 51 | 155.0 | 60.0 | 108.0 | 128.1 | 32.0 | 42.0 | 6° | 80 | 8.00 | 1.68 | 20000 |
| | 20 | 3 | 1 | 11 | **930-C6-P-20-235** | 63.0 | 20.0 | 51 | 235.0 | 60.0 | 188.0 | 208.1 | 32.0 | 42.0 | 2° | 80 | 8.00 | 2.38 | 20000 |
| C8 | 20 | 3 | 1 | 11 | **930-C8-P-20-165** | 80.0 | 20.0 | 51 | 165.0 | 60.0 | 108.0 | 128.1 | 32.0 | 42.0 | 6° | 80 | 8.00 | 2.80 | 14000 |
| | 20 | 3 | 1 | 11 | **930-C8-P-20-245** | 80.0 | 20.0 | 51 | 245.0 | 60.0 | 188.0 | 208.1 | 32.0 | 42.0 | 2° | 80 | 8.00 | 3.44 | 14000 |

DSGN 17






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_3$ | $BD_4$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| C5 | 12 | 3 | 1 | 17 | **930-C5-P-12-188** | 50.0 | 12.0 | 46 | 188.0 | 50.0 | 75.0 | 145.8 | 167.0 | 22.0 | 26.0 | 40.0 | 4° | 80 | 8.00 | 1.18 | 28000 |
| C6 | 12 | 3 | 1 | 17 | **930-C6-P-12-192** | 63.0 | 12.0 | 46 | 192.0 | 50.0 | 75.0 | 145.8 | 167.0 | 22.0 | 26.0 | 40.0 | 4° | 80 | 8.00 | 1.57 | 20000 |
| C8 | 12 | 3 | 1 | 17 | **930-C8-P-12-205** | 80.0 | 12.0 | 46 | 205.0 | 50.0 | 75.0 | 145.8 | 170.0 | 22.0 | 26.0 | 40.0 | 4° | 80 | 8.00 | 2.63 | 14000 |

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M1 N23 N6 N15 N4

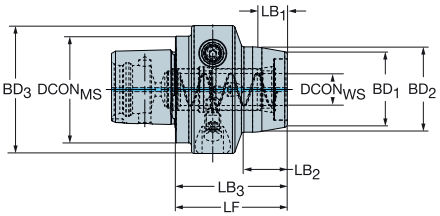
# Coromant Capto® naar CoroChuck™ 930

**Voor aangedreven opspangereedschappen**

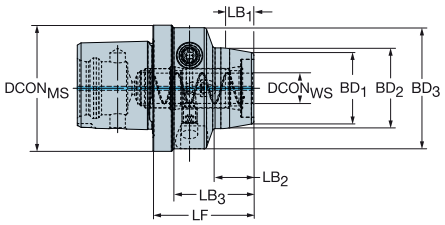
**Enkel voor segmentklemming en handmatige gereedschapswisseling**



DSGN 6




DSGN 10



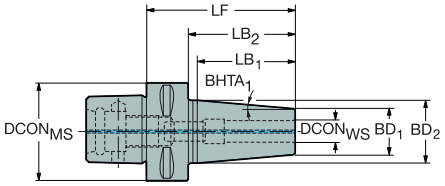

| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_1$ | BAR | KG | RPMX |
| C3 | 12 | 3 | 1 | 6 | **930-C3-T-12-046** | 32.0 | 12.0 | 46 | 46.0 | 11.3 | 22.8 | 46.0 | | 28.0 | 32.0 | 48.0 | | 10° | 80 | 0.39 | 10000 |
| C4 | 12 | 3 | 1 | 6 | **930-C4-T-12-042** | 40.0 | 12.0 | 46 | 42.0 | 11.3 | 17.0 | 42.0 | | 28.0 | 32.0 | 48.0 | | 10° | 80 | 0.46 | 10000 |
| | 20 | 3 | 1 | 6 | **930-C4-T-20-058** | 40.0 | 20.0 | 51 | 58.0 | 16.0 | 34.3 | 58.0 | | 38.1 | 42.0 | 57.0 | | 7° | 80 | 0.70 | 10000 |
| C5 | 12 | 3 | 1 | 10 | **930-C5-T-12-040** | 50.0 | 12.0 | 46 | 40.0 | 11.3 | 16.1 | 32.0 | 40.0 | 28.0 | 32.0 | 48.0 | 50.0 | 10° | 80 | 0.56 | 10000 |
| | 20 | 3 | 1 | 6 | **930-C5-T-20-046** | 50.0 | 20.0 | 51 | 46.0 | 11.3 | 22.1 | 46.0 | | 38.1 | 42.0 | 57.0 | | 10° | 80 | 0.68 | 10000 |

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M1 N23 N6 N15 N4

# Coromant Capto® naar krimpadapter

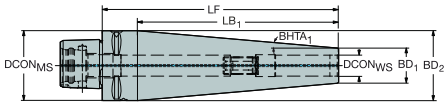





## Korte uitvoering

| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | $BHTA_1$ | BAR | KG | RPMX |
| C4 | 6 | 3 | 1 | C4-391.19-06 075 | 40.0 | 6.0 | 75.0 | 44.1 | 55.0 | 20.0 | 27.0 | 4° | 80 | 0.43 | 39000 |
| | 8 | 3 | 1 | C4-391.19-08 075 | 40.0 | 8.0 | 75.0 | 44.1 | 55.0 | 20.0 | 27.0 | 4° | 80 | 0.45 | 39000 |
| | 10 | 3 | 1 | C4-391.19-10 075 | 40.0 | 10.0 | 75.0 | 50.5 | 55.0 | 24.0 | 32.0 | 4° | 80 | 0.52 | 39000 |
| | 12 | 3 | 1 | C4-391.19-12 075 | 40.0 | 12.0 | 75.0 | 50.5 | 55.0 | 24.0 | 32.0 | 4° | 80 | 0.50 | 39000 |
| | 14 | 3 | 1 | C4-391.19-14 080 | 40.0 | 14.0 | 80.0 | 44.1 | 60.0 | 27.0 | 34.0 | 4° | 80 | 0.58 | 39000 |
| | 16 | 3 | 1 | C4-391.19-16 080 | 40.0 | 16.0 | 80.0 | 44.1 | 60.0 | 27.0 | 34.0 | 4° | 80 | 0.56 | 39000 |
| C5 | 6 | 3 | 1 | C5-391.19-06 075 | 50.0 | 6.0 | 75.0 | 44.1 | 55.0 | 20.0 | 27.0 | 4° | 80 | 0.64 | 28000 |
| | 8 | 3 | 1 | C5-391.19-08 075 | 50.0 | 8.0 | 75.0 | 43.9 | 55.0 | 20.0 | 27.0 | 4° | 80 | 0.63 | 28000 |
| | 10 | 3 | 1 | C5-391.19-10 075 | 50.0 | 10.0 | 75.0 | 50.2 | 55.0 | 24.0 | 32.0 | 4° | 80 | 0.70 | 28000 |
| | 12 | 3 | 1 | C5-391.19-12 075 | 50.0 | 12.0 | 75.0 | 50.2 | 55.0 | 24.0 | 32.0 | 4° | 80 | 0.68 | 28000 |
| | 14 | 3 | 1 | C5-391.19-14 080 | 50.0 | 14.0 | 80.0 | 44.1 | 60.0 | 27.0 | 34.0 | 4° | 80 | 0.76 | 28000 |
| | 16 | 3 | 1 | C5-391.19-16 080 | 50.0 | 16.0 | 80.0 | 44.1 | 60.0 | 27.0 | 34.0 | 4° | 80 | 0.73 | 28000 |
| | 18 | 3 | 1 | C5-391.19-18 080 | 50.0 | 18.0 | 80.0 | 56.9 | 60.0 | 33.0 | 42.0 | 4° | 80 | 0.90 | 28000 |
| | 20 | 3 | 1 | C5-391.19-20 085 | 50.0 | 20.0 | 85.0 | 56.9 | 65.0 | 33.0 | 42.0 | 4° | 80 | 0.90 | 28000 |
| C6 | 6 | 3 | 1 | C6-391.19-06 080 | 63.0 | 6.0 | 80.0 | 44.1 | 58.0 | 20.0 | 27.0 | 4° | 80 | 0.99 | 20000 |
| | 8 | 3 | 1 | C6-391.19-08 080 | 63.0 | 8.0 | 80.0 | 44.1 | 58.0 | 20.0 | 27.0 | 4° | 80 | 0.99 | 20000 |
| | 10 | 3 | 1 | C6-391.19-10 080 | 63.0 | 10.0 | 80.0 | 50.5 | 58.0 | 24.0 | 32.0 | 4° | 80 | 1.05 | 20000 |
| | 12 | 3 | 1 | C6-391.19-12 080 | 63.0 | 12.0 | 80.0 | 50.5 | 58.0 | 24.0 | 32.0 | 4° | 80 | 1.05 | 20000 |
| | 14 | 3 | 1 | C6-391.19-14 085 | 63.0 | 14.0 | 85.0 | 44.1 | 63.0 | 27.0 | 34.0 | 4° | 80 | 1.11 | 20000 |
| | 16 | 3 | 1 | C6-391.19-16 085 | 63.0 | 16.0 | 85.0 | 44.1 | 63.0 | 27.0 | 34.0 | 4° | 80 | 1.10 | 20000 |
| | 18 | 3 | 1 | C6-391.19-18 085 | 63.0 | 18.0 | 85.0 | 56.9 | 63.0 | 33.0 | 42.0 | 4° | 80 | 1.27 | 20000 |
| | 20 | 3 | 1 | C6-391.19-20 085 | 63.0 | 20.0 | 85.0 | 56.9 | 63.0 | 33.0 | 42.0 | 4° | 80 | 1.24 | 20000 |
| | 25 | 3 | 1 | C6-391.19-25 090 | 63.0 | 25.0 | 90.0 | 56.9 | 68.0 | 44.0 | 53.0 | 4° | 80 | 1.60 | 20000 |
| | 32 | 3 | 1 | C6-391.19-32 095 | 63.0 | 32.0 | 95.0 | 56.9 | 73.0 | 44.0 | 53.0 | 4° | 80 | 1.51 | 20000 |
| C8 | 10 | 3 | 1 | C8-391.19-10 090 | 80.0 | 10.0 | 90.0 | 50.2 | 60.0 | 24.0 | 32.0 | 4° | 80 | 2.07 | 14000 |
| | 12 | 3 | 1 | C8-391.19-12 090 | 80.0 | 12.0 | 90.0 | 50.2 | 60.0 | 24.0 | 32.0 | 4° | 80 | 2.06 | 14000 |
| | 16 | 3 | 1 | C8-391.19-16 095 | 80.0 | 16.0 | 95.0 | 43.8 | 65.0 | 27.0 | 34.0 | 4° | 80 | 2.09 | 14000 |
| | 20 | 3 | 1 | C8-391.19-20 095 | 80.0 | 20.0 | 95.0 | 56.5 | 65.0 | 33.0 | 42.0 | 4° | 80 | 2.21 | 14000 |
| | 25 | 3 | 1 | C8-391.19-25 100 | 80.0 | 25.0 | 100.0 | 56.5 | 70.0 | 44.0 | 53.0 | 4° | 80 | 2.58 | 14000 |
| C10 | 12 | 3 | 1 | C10-391.19-12 095 | 100.0 | 12.0 | 95.0 | 50.5 | 59.0 | 24.0 | 32.0 | 4° | 80 | 3.65 | 10000 |
| | 16 | 3 | 1 | C10-391.19-16 100 | 100.0 | 16.0 | 100.0 | 44.1 | 64.0 | 27.0 | 34.0 | 4° | 80 | 3.72 | 10000 |
| | 20 | 3 | 1 | C10-391.19-20 100 | 100.0 | 20.0 | 100.0 | 56.9 | 64.0 | 33.0 | 42.0 | 4° | 80 | 3.83 | 10000 |
| | 25 | 3 | 1 | C10-391.19-25 110 | 100.0 | 25.0 | 110.0 | 56.9 | 74.0 | 44.0 | 53.0 | 4° | 80 | 4.31 | 10000 |






## Lange conische uitvoering

| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | $BD_2$ | $BHTA_1$ | BAR | KG | RPMX |
| C3 | 6 | 3 | 1 | C3-391.19-06 118 | 32.0 | 6.0 | 118.0 | 103.0 | 14.0 | 32.0 | 5° | 80 | 0.45 | 55000 |
| | 8 | 3 | 1 | C3-391.19-08 107 | 32.0 | 8.0 | 107.0 | 92.0 | 16.0 | 32.0 | 5° | 80 | 0.44 | 55000 |
| | 10 | 3 | 1 | C3-391.19-10 095 | 32.0 | 10.0 | 95.0 | 80.0 | 18.0 | 32.0 | 5° | 80 | 0.40 | 55000 |
| | 12 | 3 | 1 | C3-391.19-12 084 | 32.0 | 12.0 | 84.0 | 69.0 | 20.0 | 32.0 | 5° | 80 | 0.38 | 55000 |
| C4 | 12 | 3 | 1 | C4-391.19-12 135 | 40.0 | 12.0 | 135.0 | 115.0 | 20.0 | 40.0 | 5° | 80 | 0.84 | 39000 |
| | 16 | 3 | 1 | C4-391.19-16 112 | 40.0 | 16.0 | 112.0 | 92.0 | 24.0 | 40.0 | 5° | 80 | 0.77 | 39000 |
| | 18 | 3 | 1 | C4-391.19-18 080 | 40.0 | 18.0 | 80.0 | 56.9 | 33.0 | 42.0 | 4° | 80 | 0.69 | 39000 |
| | 20 | 3 | 1 | C4-391.19-20 085 | 40.0 | 20.0 | 85.0 | 56.9 | 33.0 | 42.0 | 4° | 80 | 0.71 | 39000 |
| C5 | 20 | 3 | 1 | C5-391.19-20 146 | 50.0 | 20.0 | 146.0 | 126.0 | 28.0 | 50.0 | 5° | 80 | 1.45 | 28000 |
| | 25 | 3 | 1 | C5-391.19-25 090 | 50.0 | 25.0 | 90.0 | 56.9 | 44.0 | 53.0 | 4° | 80 | 1.26 | 28000 |
| | 25 | 3 | 1 | C5-391.19-25 118 | 50.0 | 25.0 | 118.0 | 98.0 | 33.0 | 50.0 | 5° | 80 | 1.25 | 28000 |

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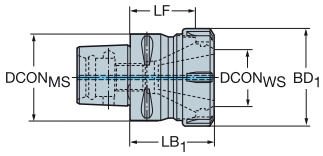
M1 N23 N15

# Coromant Capto® naar ER spantanghouder

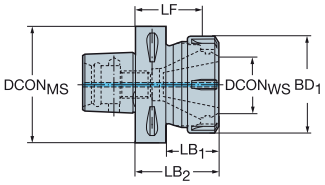
**Koppeling werkstukzijde DIN 6499-B**



DSGN 1

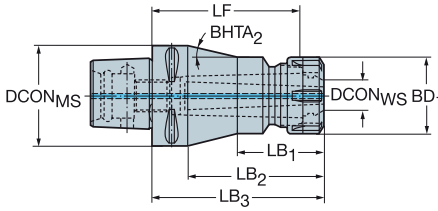



2




| | | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | KG | RPMX |
| C3 | ER16 | 3 | 1 | 2 | C3-391.14-16 045 | 32.0 | 17.0 | 34.4 | 29.0 | 45.0 | 28.0 | 32.0 | 80 | 0.20 | 55000 |
| | ER20 | 3 | 1 | 1 | C3-391.14-20 045 | 32.0 | 21.0 | 33.5 | 45.0 | | 33.7 | | 80 | 0.22 | 55000 |
| C4 | ER20 | 3 | 1 | 2 | C4-391.14-20 052 | 40.0 | 21.0 | 40.5 | 30.8 | 52.0 | 33.7 | 40.0 | 80 | 0.37 | 39000 |
| | ER25 | 3 | 1 | 1 | C4-391.14-25 052 | 40.0 | 26.0 | 40.0 | 52.0 | | 42.0 | | 80 | 0.42 | 39000 |
| | ER32 | 3 | 1 | 1 | C4-391.14-32 054 | 40.0 | 33.0 | 41.0 | 54.0 | | 50.0 | | 80 | 0.46 | 39000 |
| C5 | ER20 | 3 | 1 | 2 | C5-391.14-20 055 | 50.0 | 21.0 | 43.5 | 31.1 | 55.0 | 33.7 | 50.0 | 80 | 0.62 | 28000 |
| | ER25 | 3 | 1 | 2 | C5-391.14-25 055 | 50.0 | 26.0 | 43.0 | 33.0 | 55.0 | 42.0 | 50.0 | 80 | 0.63 | 28000 |
| | ER32 | 3 | 1 | 1 | C5-391.14-32 057 | 50.0 | 33.0 | 44.0 | 57.0 | | 50.0 | | 80 | 0.68 | 28000 |
| | ER32 | 3 | 1 | 1 | C5-391.14-32 100 | 50.0 | 33.0 | 87.0 | 100.0 | | 50.0 | | 80 | 1.28 | 28000 |
| | ER40 | 3 | 1 | 1 | C5-391.14-40 060 | 50.0 | 41.0 | 45.0 | 60.0 | | 63.0 | | 80 | 0.81 | 28000 |
| C6 | ER25 | 3 | 1 | 2 | C6-391.14-25 060 | 63.0 | 26.0 | 48.0 | 32.9 | 60.0 | 42.0 | 63.0 | 80 | 1.04 | 20000 |
| | ER25 | 3 | 1 | 2 | C6-391.14-25 100 | 63.0 | 26.0 | 88.0 | 75.0 | 100.0 | 42.0 | 63.0 | 80 | 1.44 | 20000 |
| | ER32 | 3 | 1 | 2 | C6-391.14-32 060 | 63.0 | 33.0 | 47.0 | 35.3 | 60.0 | 50.0 | 63.0 | 80 | 1.06 | 20000 |
| | ER32 | 3 | 1 | 2 | C6-391.14-32 100 | 63.0 | 33.0 | 87.0 | 75.0 | 100.0 | 50.0 | 63.0 | 80 | 1.60 | 20000 |
| | ER40 | 3 | 1 | 1 | C6-391.14-40 065 | 63.0 | 41.0 | 50.0 | 65.0 | | 63.0 | | 80 | 1.22 | 20000 |
| | ER40 | 3 | 1 | 1 | C6-391.14-40 130 | 63.0 | 41.0 | 115.0 | 130.0 | | 63.0 | | 80 | 2.77 | 20000 |
| C8 | ER20 | 3 | 1 | 2 | C8-391.14-20 065 | 80.0 | 21.0 | 53.5 | 29.9 | 65.0 | 35.0 | 80.0 | 80 | 2.02 | 14000 |
| | ER25 | 3 | 1 | 2 | C8-391.14-25 070 | 80.0 | 26.0 | 58.0 | 32.4 | 70.0 | 42.0 | 80.0 | 80 | 2.10 | 14000 |
| | ER32 | 3 | 1 | 2 | C8-391.14-32 070 | 80.0 | 33.0 | 57.0 | 35.0 | 70.0 | 50.0 | 80.0 | 80 | 2.13 | 14000 |
| | ER40 | 3 | 1 | 2 | C8-391.14-40 070 | 80.0 | 41.0 | 55.0 | 38.0 | 70.0 | 63.0 | 80.0 | 80 | 2.19 | 14000 |
| | ER50 | 3 | 1 | 2 | C8-391.14-50 080 | 80.0 | 52.0 | 59.0 | 50.0 | 80.0 | 78.0 | 80.0 | 80 | 2.46 | 14000 |






| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BHTA_2$ | BAR | KG | RPMX |
| C4 | ER16 | 3 | 1 | C4-391.14-16 070 | 40.0 | 17.0 | 59.4 | 44.0 | 50.0 | 70.0 | 28.0 | 45° | 80 | 0.42 | 39000 |
| C5 | ER16 | 3 | 1 | C5-391.14-16 100 | 50.0 | 17.0 | 89.4 | 60.0 | 80.0 | 100.0 | 28.0 | 29° | 80 | 0.90 | 28000 |
| | ER20 | 3 | 1 | C5-391.14-20 100 | 50.0 | 21.0 | 88.5 | 55.0 | 80.0 | 100.0 | 35.0 | 16° | 80 | 1.00 | 28000 |
| | ER20 | 3 | 1 | C5-391.14-20 130 | 50.0 | 21.0 | 118.5 | 55.0 | 109.9 | 130.0 | 35.0 | 7° | 80 | 1.31 | 28000 |
| | ER25 | 3 | 1 | C5-391.14-25 100 | 50.0 | 26.0 | 88.0 | 65.0 | 80.0 | 100.0 | 42.0 | 14° | 80 | 1.13 | 28000 |
| C6 | ER16 | 3 | 1 | C6-391.14-16 100 | 63.0 | 17.0 | 89.4 | 60.0 | 78.0 | 100.0 | 28.0 | 44° | 80 | 1.26 | 20000 |
| | ER20 | 3 | 1 | C6-391.14-20 060 | 63.0 | 21.0 | 48.5 | 31.1 | 38.0 | 60.0 | 33.7 | 65° | 80 | 1.00 | 20000 |
| | ER25 | 3 | 1 | C6-391.14-25 130 | 63.0 | 26.0 | 118.0 | 65.0 | 108.0 | 130.0 | 42.0 | 13° | 80 | 1.90 | 20000 |
| | ER25 | 3 | 1 | C6-391.14-25 160 | 63.0 | 26.0 | 148.0 | 65.0 | 138.0 | 160.0 | 42.0 | 8° | 80 | 2.50 | 20000 |
| | ER32 | 3 | 1 | C6-391.14-32 130 | 63.0 | 33.0 | 117.0 | 75.0 | 108.0 | 130.0 | 50.0 | 11° | 80 | 2.22 | 20000 |
| C8 | ER32 | 3 | 1 | C8-391.14-32 160 | 80.0 | 33.0 | 147.0 | 75.0 | 130.0 | 160.0 | 50.0 | 15° | 80 | 0.30 | 14000 |
| | ER40 | 3 | 1 | C8-391.14-40 160 | 80.0 | 41.0 | 145.0 | 95.0 | 130.0 | 160.0 | 63.0 | 13° | 80 | 4.58 | 14000 |
| C10 | ER32 | 3 | 1 | C10-391.14-32 160 | 100.0 | 33.0 | 147.0 | 75.0 | 124.0 | 160.0 | 50.0 | 27° | 80 | 5.98 | 10000 |
| | ER40 | 3 | 1 | C10-391.14-40 160 | 100.0 | 41.0 | 145.0 | 95.0 | 124.0 | 160.0 | 63.0 | 32° | 80 | 6.32 | 10000 |
| | ER50 | 3 | 1 | C10-391.14-50 160 | 100.0 | 52.0 | 139.0 | 100.0 | 124.0 | 160.0 | 80.0 | 22° | 80 | 7.21 | 10000 |

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M1 N23 N15

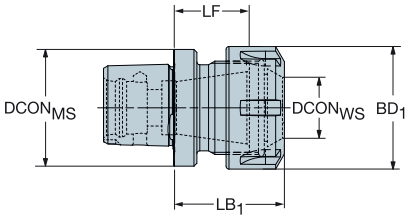
# Coromant Capto® naar ER spantanghouder

**Koppeling werkstukzijde DIN 6499-B**

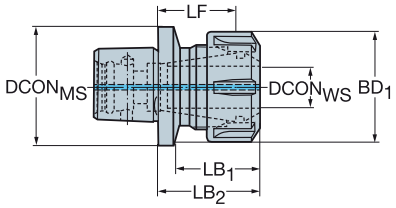
**Korte uitvoering, alleen voor segmentklemming**

DSGN 1






DSGN 2



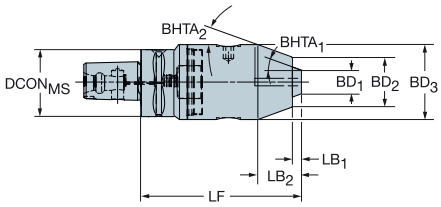

| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | KG | RPMX |
| C3 | ER16 | 3 | 1 | 2 | **C3-391.14-16 035** | 32.0 | 17.0 | 24.0 | 26.6 | 34.6 | 28.0 | 32.0 | 80 | 0.10 | 55000 |
| | ER20 | 3 | 1 | 1 | **C3-391.14-20 036** | 32.0 | 21.0 | 24.5 | 36.0 | | 33.7 | | 80 | 0.17 | 55000 |
| C4 | ER16 | 3 | 1 | 2 | **C4-391.14-16 035** | 40.0 | 17.0 | 24.0 | 26.6 | 34.6 | 28.0 | 40.0 | 80 | 0.20 | 39000 |
| | ER20 | 3 | 1 | 2 | **C4-391.14-20 035** | 40.0 | 21.0 | 23.5 | 27.0 | 35.0 | 33.7 | 40.0 | 80 | 0.25 | 39000 |
| | ER25 | 3 | 1 | 1 | **C4-391.14-25 038** | 40.0 | 26.0 | 26.0 | 38.0 | | 42.0 | | 80 | 0.30 | 39000 |
| C5 | ER20 | 3 | 1 | 2 | **C5-391.14-20 036** | 50.0 | 21.0 | 24.0 | 27.5 | 35.5 | 35.0 | 50.0 | 80 | 0.30 | 28000 |
| | ER25 | 3 | 1 | 2 | **C5-391.14-25 037** | 50.0 | 26.0 | 25.0 | 29.0 | 37.0 | 42.0 | 50.0 | 80 | 0.30 | 28000 |
| | ER32 | 3 | 1 | 1 | **C5-391.14-32 045** | 50.0 | 33.0 | 32.0 | 45.0 | | 50.0 | | 80 | 0.52 | 28000 |

# Coromant Capto® naar booropname

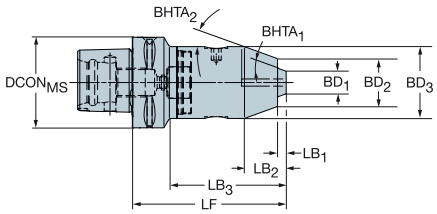
**Inwendige en uitwendige koelmiddeltoevoer**

DSGN 8






DSGN 16




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_1$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| C3 | 8 - 1 | 3 | 1 | 8 | **C3-391.32-08 076** | 32.0 | 76.0 | 3.0 | 19.1 | 76.0 | | 9.9 | 24.1 | 36.0 | | 19° | 20° | 50 | 10.00 | 0.54 | 8000 |
| | 1 - 13 | 3 | 1 | 8 | **C3-391.32-13 102** | 32.0 | 96.0 | 6.0 | 22.2 | 102.0 | | 15.7 | 38.1 | 50.0 | | 19° | 20° | 50 | 20.00 | 1.14 | 8000 |
| C4 | 8 - 1 | 3 | 1 | 16 | **C4-391.32-08 077** | 40.0 | 77.0 | 3.0 | 19.1 | 55.8 | 77.0 | 9.9 | 24.1 | 36.0 | 40.0 | 19° | 20° | 50 | 10.00 | 0.64 | 8000 |
| | 1 - 13 | 3 | 1 | 8 | **C4-391.32-13 104** | 40.0 | 98.0 | 6.0 | 22.2 | 104.0 | | 15.7 | 38.1 | 50.0 | | 19° | 20° | 50 | 20.00 | 1.24 | 8000 |
| C5 | 8 - 1 | 3 | 1 | 16 | **C5-391.32-08 079** | 50.0 | 76.0 | 3.0 | 19.1 | 53.6 | 79.0 | 9.9 | 24.1 | 36.0 | 50.0 | 19° | 20° | 50 | 10.00 | 0.85 | 8000 |
| | 1 - 13 | 3 | 1 | 8 | **C5-391.32-13 103** | 50.0 | 97.0 | 6.0 | 22.2 | 103.0 | | 15.7 | 38.1 | 50.0 | | 19° | 20° | 50 | 20.00 | 1.41 | 8000 |
| C6 | 1 - 13 | 3 | 1 | 16 | **C6-391.32-13 107** | 63.0 | 101.0 | 6.0 | 22.2 | 79.8 | 107.0 | 15.7 | 38.1 | 50.0 | 63.0 | 19° | 20° | 50 | 20.00 | 1.79 | 8000 |
| | 16 - 1 | 3 | 1 | 16 | **C6-391.32-16 112** | 63.0 | 106.0 | 6.0 | 22.2 | 88.4 | 112.0 | 15.7 | 45.1 | 57.0 | 63.0 | 19° | 20° | 50 | 20.00 | 2.02 | 8000 |
| C8 | 1 - 13 | 3 | 1 | 16 | **C8-391.32-13 112** | 80.0 | 106.0 | 6.0 | 22.2 | 77.1 | 112.0 | 15.7 | 38.1 | 50.0 | 80.0 | 19° | 20° | 50 | 20.00 | 2.78 | 8000 |
| | 16 - 1 | 3 | 1 | 16 | **C8-391.32-16 117** | 80.0 | 111.0 | 6.0 | 31.2 | 84.2 | 117.0 | 15.7 | 38.1 | 57.0 | 80.0 | 19° | 20° | 50 | 20.00 | 3.02 | 8000 |

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M1



N23



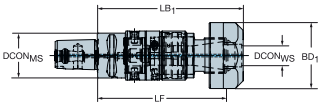
N15

# Coromant Capto® naar CoroChuck™ 970

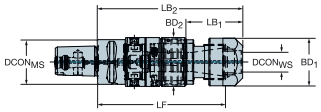
**Koppeling werkstukzijde DIN 6499-B**



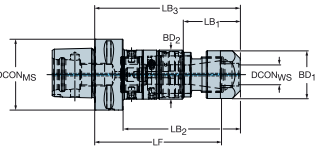
DSGN 1




2




5

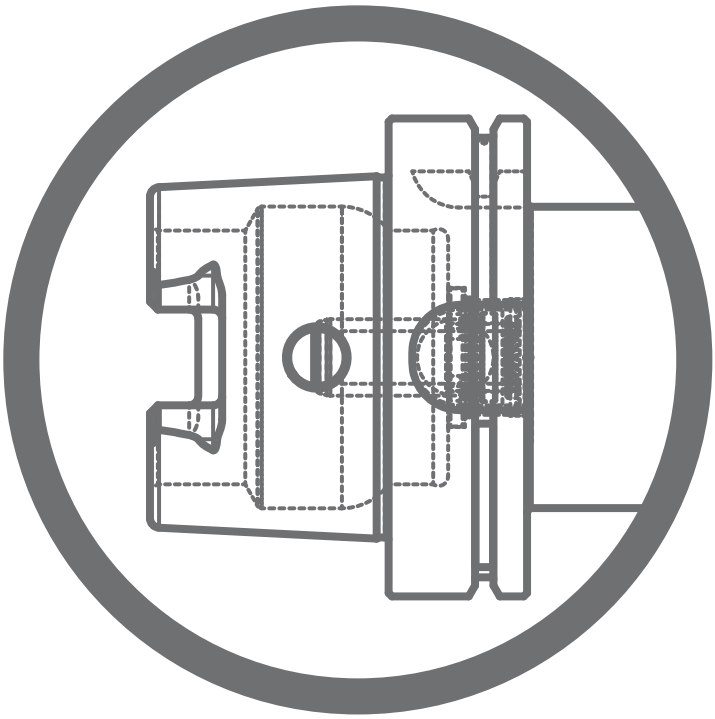



| | | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | TRMAX | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | BAR | KG | RPMX |
| C3 | ER11 | M5 | 3 | 1 | 5 | **970-C3-11-078** | 32.0 | 11.3 | 74.2 | 24.1 | 63.0 | 78.0 | 18.7 | 23.5 | 32.0 | 80 | 0.27 | 8000 |
| | ER20 | M12 | 3 | 1 | 2 | **970-C3-20-102** | 32.0 | 20.8 | 89.2 | 35.3 | 97.2 | | 33.7 | 35.0 | | 80 | 0.60 | 8000 |
| C4 | ER11 | M5 | 3 | 1 | 5 | **970-C4-11-080** | 40.0 | 11.3 | 76.2 | 24.1 | 60.0 | 80.0 | 18.7 | 23.5 | 40.0 | 80 | 0.40 | 8000 |
| | ER20 | M12 | 3 | 1 | 5 | **970-C4-20-102** | 40.0 | 20.8 | 89.2 | 35.3 | 76.9 | 97.2 | 33.7 | 35.0 | 40.0 | 80 | 0.68 | 8000 |
| | ER25 | M20 | 3 | 1 | 2 | **970-C4-25-122** | 40.0 | 25.8 | 108.1 | 37.1 | 116.6 | | 42.0 | 44.0 | | 80 | 1.04 | 8000 |
| C5 | ER20 | M12 | 3 | 1 | 5 | **970-C5-20-103** | 50.0 | 20.8 | 89.7 | 35.3 | 77.6 | 97.7 | 33.7 | 35.0 | 50.0 | 80 | 0.88 | 8000 |
| | ER25 | M20 | 3 | 1 | 5 | **970-C5-25-122** | 50.0 | 25.8 | 108.6 | 37.1 | 97.1 | 117.1 | 42.0 | 44.0 | 50.0 | 80 | 1.24 | 8000 |
| | ER40 | M30 | 3 | 1 | 1 | **970-C5-40-154** | 50.0 | 40.8 | 137.2 | 148.6 | | | 63.0 | | | 80 | 2.66 | 8000 |
| C6 | ER20 | M12 | 3 | 1 | 5 | **970-C6-20-105** | 63.0 | 20.8 | 91.7 | 35.3 | 77.6 | 99.7 | 33.7 | 35.0 | 63.0 | 80 | 1.21 | 8000 |
| | ER25 | M20 | 3 | 1 | 5 | **970-C6-25-124** | 63.0 | 25.8 | 110.6 | 37.1 | 97.1 | 119.1 | 42.0 | 44.0 | 63.0 | 80 | 1.57 | 8000 |
| | ER32 | M27 | 3 | 1 | 2 | **970-C6-32-128** | 63.0 | 32.8 | 118.3 | 105.8 | 127.8 | | 50.0 | 63.0 | | 80 | 1.53 | 8000 |
| | ER40 | M30 | 3 | 1 | 1 | **970-C6-40-154** | 63.0 | 40.8 | 136.7 | 148.1 | | | 63.0 | | | 80 | 2.95 | 8000 |
| | ER50 | M48 | 3 | 1 | 5 | **970-C6-50-210** | 63.0 | 52.0 | 187.5 | 76.5 | 134.5 | 208.0 | 77.7 | 80.0 | 86.0 | 80 | 4.90 | 8000 |
| C8 | ER20 | M12 | 3 | 1 | 5 | **970-C8-20-112** | 80.0 | 20.8 | 98.7 | 35.3 | 76.6 | 106.7 | 33.7 | 35.0 | 80.0 | 80 | 2.22 | 8000 |
| | ER25 | M20 | 3 | 1 | 5 | **970-C8-25-131** | 80.0 | 25.8 | 117.6 | 37.1 | 96.1 | 126.1 | 42.0 | 44.0 | 80.0 | 80 | 2.58 | 8000 |
| | ER32 | M27 | 3 | 1 | 2 | **970-C8-32-135** | 80.0 | 32.8 | 125.3 | 104.8 | 134.8 | | 50.0 | 80.0 | | 80 | 2.50 | 8000 |
| | ER40 | M30 | 3 | 1 | 2 | **970-C8-40-161** | 80.0 | 40.8 | 143.7 | 125.1 | 155.1 | | 63.0 | 80.0 | | 80 | 4.00 | 8000 |
| | ER50 | M48 | 3 | 1 | 5 | **970-C8-50-215** | 80.0 | 52.0 | 192.0 | 76.5 | 134.5 | 212.5 | 77.7 | 80.0 | 86.0 | 80 | 6.87 | 8000 |
| C10 | ER25 | M20 | 3 | 1 | 5 | **970-C10-25-143** | 100.0 | 25.8 | 129.6 | 37.1 | 102.1 | 138.1 | 42.0 | 44.0 | 100.0 | 80 | 4.29 | 8000 |
| | ER40 | M30 | 3 | 1 | 2 | **970-C10-40-173** | 100.0 | 40.8 | 155.7 | 131.1 | 167.1 | | 63.0 | 100.0 | | 80 | 5.76 | 8000 |

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M1 N23 N15 N5

# Koppeling machinezijde HSK

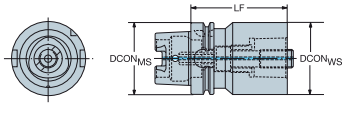


# HSK naar Coromant Capto® adapter

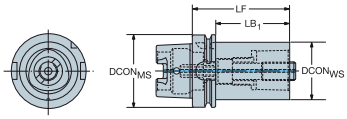
**Koppeling machinezijde HSK A/C**



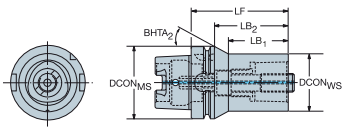
DSGN 1




DSGN 2

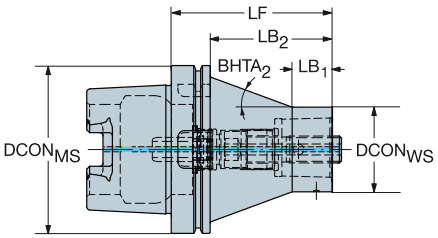



DSGN 7




| | | | | | | Afmetingen, mm | | | | | | | | | BAR | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_2$ | $BD_3$ | $BHTA_2$ | | | |
| 50 | C3 | 1 | 1 | 2 | C3-390.410-50 075A | 50.0 | 32.0 | 75.0 | 49.0 | 75.0 | | 50.0 | | 0° | 100 | 45.00 | 0.67 |
| | C4 | 1 | 1 | 2 | C4-390.410-50 080A | 50.0 | 40.0 | 80.0 | 54.0 | 80.0 | | 50.0 | | 0° | 100 | 55.00 | 0.85 |
| 63 | C3 | 1 | 1 | 2 | C3-390.410-63 075C | 63.0 | 32.0 | 75.0 | 49.0 | 75.0 | | 63.0 | | 0° | 100 | 45.00 | 0.97 |
| | C4 | 1 | 1 | 2 | C4-390.410-63 080C | 63.0 | 40.0 | 80.0 | 54.0 | 80.0 | | 63.0 | | 0° | 100 | 55.00 | 1.14 |
| | C5 | 1 | 1 | 2 | C5-390.410-63 090C | 63.0 | 50.0 | 90.0 | 64.0 | 90.0 | | 63.0 | | 0° | 100 | 95.00 | 1.47 |
| 80 | C4 | 1 | 1 | 2 | C4-390.410-80 090 | 80.0 | 40.0 | 90.0 | 64.0 | 90.0 | | 80.0 | | 0° | 100 | 55.00 | 1.69 |
| | C5 | 1 | 1 | 2 | C5-390.410-80 095 | 80.0 | 50.0 | 95.0 | 69.0 | 95.0 | | 80.0 | | 0° | 100 | 95.00 | 2.02 |
| | C6 | 1 | 1 | 2 | C6-390.410-80 110 | 80.0 | 63.0 | 110.0 | 84.0 | 110.0 | | 80.0 | | 0° | 100 | 170.00 | 2.79 |
| 100 | C3 | 1 | 1 | 7 | C3-390.410-100 080A | 100.0 | 32.0 | 80.0 | 43.0 | 51.0 | 80.0 | 32.0 | 100.0 | 45° | 100 | 45.00 | 2.42 |
| | C4 | 1 | 1 | 2 | C4-390.410-100 090A | 100.0 | 40.0 | 90.0 | 61.0 | 90.0 | | 100.0 | | 0° | 100 | 55.00 | 2.63 |
| | C5 | 1 | 1 | 2 | C5-390.410-100 100A | 100.0 | 50.0 | 100.0 | 71.0 | 100.0 | | 100.0 | | 0° | 100 | 95.00 | 3.02 |
| | C6 | 1 | 1 | 2 | C6-390.410-100 110A | 100.0 | 63.0 | 110.0 | 81.0 | 110.0 | | 100.0 | | 0° | 100 | 170.00 | 3.70 |
| | C8 | 1 | 1 | 2 | C8-390.410-100 120A | 100.0 | 80.0 | 120.0 | 91.0 | 120.0 | | 100.0 | | 0° | 100 | 170.00 | 4.87 |
| | C10 | 1 | 1 | 1 | C10-390.410-100 155 | 100.0 | 100.0 | 155.0 | 155.0 | | | | | | 100 | 380.00 | 7.64 |
| 125 | C4 | 1 | 1 | 7 | C4-390.410-125 095 | 125.0 | 40.0 | 95.0 | 46.0 | 66.0 | 95.0 | 40.0 | 125.0 | 45° | 100 | 55.00 | 4.15 |
| | C5 | 1 | 1 | 7 | C5-390.410-125 105 | 125.0 | 50.0 | 105.0 | 66.0 | 76.0 | 105.0 | 50.0 | 125.0 | 45° | 100 | 95.00 | 4.46 |
| | C6 | 1 | 1 | 2 | C6-390.410-125 120 | 125.0 | 63.0 | 120.0 | 91.0 | 120.0 | | 125.0 | | 0° | 100 | 170.00 | 5.35 |
| | C8 | 1 | 1 | 2 | C8-390.410-125 130 | 125.0 | 80.0 | 130.0 | 101.0 | 130.0 | | 125.0 | | 0° | 100 | 170.00 | 6.70 |
| | C10 | 1 | 1 | 2 | C10-390.410-125 160 | 125.0 | 100.0 | 160.0 | 131.0 | 160.0 | | 125.0 | | 0° | 100 | 380.00 | 9.66 |
| 160 | C6 | 1 | 1 | 2 | C6-390.410-160 125 | 160.0 | 63.0 | 125.0 | 94.0 | 125.0 | | 160.0 | | 0° | 100 | 170.00 | 8.55 |
| | C8 | 1 | 1 | 2 | C8-390.410-160 135 | 160.0 | 80.0 | 135.0 | 104.0 | 135.0 | | 160.0 | | 0° | 100 | 170.00 | 10.16 |
| | C10 | 1 | 1 | 2 | C10-390.410-160 160 | 160.0 | 100.0 | 160.0 | 129.0 | 160.0 | | 160.0 | | 0° | 100 | 380.00 | 12.94 |






## Heavy duty uitvoering

| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BHTA_2$ | BAR | NM | KG |
| 100 | C3 | 1 | 1 | C3-390.410-100080HD | 100.0 | 32.0 | 80.0 | 20.0 | 51.0 | 41° | 100 | 45.00 | 2.93 |
| | C4 | 1 | 1 | C4-390.410-100090HD | 100.0 | 40.0 | 90.0 | 20.0 | 61.0 | 29° | 100 | 55.00 | 3.27 |
| | C5 | 1 | 1 | C5-390.410-100100HD | 100.0 | 50.0 | 100.0 | 30.0 | 71.0 | 23° | 100 | 95.00 | 3.58 |
| | C6 | 1 | 1 | C6-390.410-100110HD | 100.0 | 63.0 | 110.0 | 30.0 | 81.0 | 12° | 100 | 170.00 | 4.22 |
| 125 | C4 | 1 | 1 | C4-390.410-125095HD | 125.0 | 40.0 | 95.0 | 20.0 | 66.0 | 36° | 100 | 55.00 | 5.25 |
| | C5 | 1 | 1 | C5-390.410-125105HD | 125.0 | 50.0 | 105.0 | 20.0 | 76.0 | 27° | 100 | 95.00 | 5.82 |
| | C6 | 1 | 1 | C6-390.410-125120HD | 125.0 | 63.0 | 120.0 | 30.0 | 91.0 | 20° | 100 | 170.00 | 6.57 |
| | C8 | 1 | 1 | C8-390.410-125130HD | 125.0 | 80.0 | 130.0 | 30.0 | 101.0 | 11° | 100 | 170.00 | 7.76 |

Een speciale koelvloeistofbus wordt bijgeleverd bij de HSK-basishouders.
Ga voor reserveonderdelen naar www.sandvik.coromant.com


M1



N23



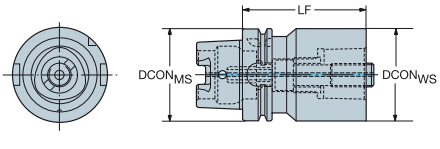
N15

# HSK naar Coromant Capto® adapter

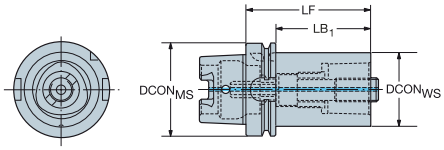
## Koppeling machinezijde HSK A/C/T



DSGN 1




2

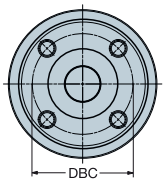


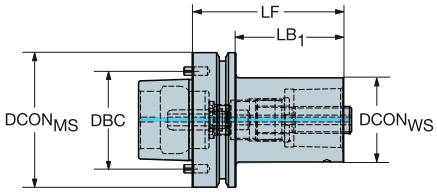

| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | BD$_2$ | BAR | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | C3 | 1 | 1 | 2 | **C3-390.419-40 065** | 40.0 | 32.0 | 65.0 | 45.0 | 65.0 | 40.0 | 100 | 45.00 | 0.46 |
| | C4 | 1 | 1 | 1 | **C4-390.419-40 075** | 40.0 | 40.0 | 75.0 | 75.0 | | | 100 | 55.00 | 0.60 |
| 63 | C5 | 1 | 1 | 2 | **C5-390.419-63 090** | 63.0 | 50.0 | 90.0 | 64.0 | 90.0 | 63.0 | 100 | 95.00 | 1.46 |
| | C6 | 1 | 1 | 1 | **C6-390.419-63 110** | 63.0 | 63.0 | 110.0 | 110.0 | | | 100 | 170.00 | 2.14 |
| 100 | C6 | 1 | 1 | 2 | **C6-390.419-100 110** | 100.0 | 63.0 | 110.0 | 81.0 | 110.0 | 100.0 | 100 | 170.00 | 3.72 |
| | C8 | 1 | 1 | 2 | **C8-390.419-100 120** | 100.0 | 80.0 | 120.0 | 91.0 | 120.0 | 100.0 | 100 | 170.00 | 4.88 |

## Koppeling machinezijde HSK F met pennen

### Voor Makino MAG machineserie






| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DBC | DCON$_{WS}$ | LF | LB$_1$ | BAR | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | C5 | 1 | 1 | **C5-390.612-80 090** | 80.0 | 58.0 | 50.0 | 90.0 | 64.0 | 100 | 95.00 | 1.92 |

Een speciale koelvloeistofbus wordt bijgeleverd bij de HSK-basishouders.
HSK80F - Aangepast aan de Makino MAG machinereeks 1, 3, 4, 7 - voor het bewerken van aluminium frames voor lucht- en ruimtevaart

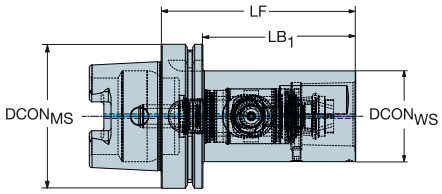
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# HSK naar Coromant Capto® -adapter met snelwisselsysteem

**Koppeling machinezijde HSK A/C**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | BAR | NM | KG | RPMX |
| 63 | C5 | 1 | 1 | **HA06-QC-C5-115** | 63.0 | 50.0 | 115.0 | 88.0 | 100 | 70.00 | 1.77 | 20500 |
| 100 | C6 | 1 | 1 | **HA10-QC-C6-135** | 100.0 | 63.0 | 135.0 | 105.0 | 100 | 90.00 | 4.17 | 12500 |
| | C8 | 1 | 1 | **HA10-QC-C8-165** | 100.0 | 80.0 | 165.0 | 135.0 | 100 | 130.00 | 6.32 | 12500 |

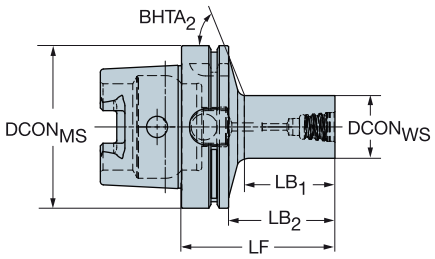
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N6 N15

# HSK naar Coromant EH-adapter

**Koppeling machinezijde HSK A/C**

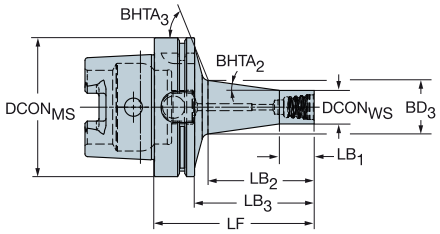





## Korte uitvoering

| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 40 | E10 | 1 | 1 | **392.410EH-40 10 040** | 40.0 | 9.6 | 40.0 | 13.0 | 20.0 | 59° | 100 | 12.00 | 0.28 | 30000 |
| | E12 | 1 | 1 | **392.410EH-40 12 043** | 40.0 | 11.6 | 43.0 | 16.3 | 23.0 | 58° | 100 | 15.00 | 0.30 | 30000 |
| | E16 | 1 | 1 | **392.410EH-40 16 048** | 40.0 | 15.4 | 48.0 | 21.9 | 28.0 | 55° | 100 | 30.00 | 0.35 | 30000 |
| | E20 | 1 | 1 | **392.410EH-40 20 045** | 40.0 | 19.2 | 45.0 | 19.4 | 25.0 | 50° | 100 | 50.00 | 0.37 | 30000 |
| 50 | E10 | 1 | 1 | **392.410EH-50 10 047** | 50.0 | 9.6 | 47.0 | 13.0 | 21.0 | 63° | 100 | 12.00 | 0.49 | 25000 |
| | E12 | 1 | 1 | **392.410EH-50 12 050** | 50.0 | 11.6 | 50.0 | 16.3 | 24.0 | 62° | 100 | 15.00 | 0.51 | 25000 |
| | E16 | 1 | 1 | **392.410EH-50 16 055** | 50.0 | 15.4 | 55.0 | 21.8 | 29.0 | 60° | 100 | 30.00 | 0.57 | 25000 |
| | E20 | 1 | 1 | **392.410EH-50 20 052** | 50.0 | 19.2 | 52.0 | 19.3 | 26.0 | 58° | 100 | 50.00 | 0.58 | 25000 |
| | E25 | 1 | 1 | **392.410EH-50 25 057** | 50.0 | 24.1 | 57.0 | 24.9 | 31.0 | 54° | 100 | 65.00 | 0.63 | 25000 |
| 63 | E10 | 1 | 1 | **392.410EH-63 10 049** | 63.0 | 9.6 | 49.0 | 13.5 | 23.0 | 66° | 100 | 12.00 | 0.78 | 20500 |
| | E12 | 1 | 1 | **392.410EH-63 12 051** | 63.0 | 11.6 | 51.0 | 15.8 | 25.0 | 65° | 100 | 15.00 | 0.81 | 20500 |
| | E16 | 1 | 1 | **392.410EH-63 16 056** | 63.0 | 15.4 | 56.0 | 21.3 | 30.0 | 65° | 100 | 30.00 | 0.85 | 20500 |
| | E20 | 1 | 1 | **392.410EH-63 20 053** | 63.0 | 19.2 | 53.0 | 18.8 | 27.0 | 63° | 100 | 50.00 | 0.87 | 20500 |
| | E25 | 1 | 1 | **392.410EH-63 25 059** | 63.0 | 24.1 | 59.0 | 25.5 | 33.0 | 61° | 100 | 65.00 | 0.93 | 20500 |






## Lange uitvoering

| | | | | | Afmetingen, mm | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_3$ | $BHTA_2$ | $BHTA_3$ | BAR | NM | KG | RPMX |
| 63 | E10 | 1 | 1 | **392.410EH-63 10 062** | 63.0 | 9.6 | 62.0 | 10.0 | 27.9 | 36.0 | 14.6 | 8° | 66° | 100 | 12.00 | 0.80 | 20500 |
| | E12 | 1 | 1 | **392.410EH-63 12 068** | 63.0 | 11.6 | 68.0 | 12.0 | 34.3 | 42.0 | 17.9 | 8° | 65° | 100 | 15.00 | 0.83 | 20500 |
| | E16 | 1 | 1 | **392.410EH-63 16 078** | 63.0 | 15.4 | 78.0 | 16.0 | 45.1 | 52.0 | 23.6 | 8° | 64° | 100 | 30.00 | 0.92 | 20500 |
| | E20 | 1 | 1 | **392.410EH-63 20 091** | 63.0 | 19.2 | 91.0 | 20.0 | 59.0 | 65.0 | 30.1 | 8° | 61° | 100 | 50.00 | 1.01 | 20500 |
| | E25 | 1 | 1 | **392.410EH-63 25 105** | 63.0 | 24.1 | 105.0 | 25.0 | 74.0 | 79.0 | 37.6 | 8° | 54° | 100 | 65.00 | 1.21 | 20500 |
| 100 | E20 | 1 | 1 | **392.410EH-100 20 100** | 100.0 | 19.2 | 100.0 | 20.0 | 60.3 | 71.0 | 30.5 | 8° | 70° | 100 | 50.00 | 2.58 | 12500 |
| | E25 | 1 | 1 | **392.410EH-100 25 115** | 100.0 | 24.1 | 115.0 | 25.0 | 76.4 | 86.0 | 38.6 | 8° | 70° | 100 | 65.00 | 2.68 | 12500 |

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M1 N23 N15 N3

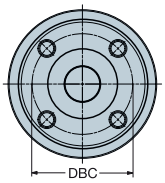
# HSK naar doornbevestigingsadapter

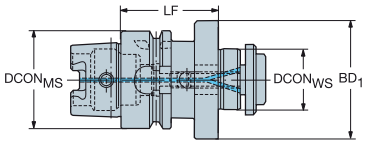
**Koppeling machinezijde HSK A/C**

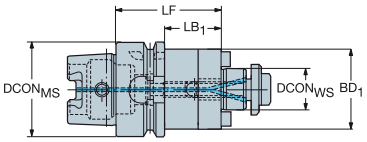
**Koelmiddel door opnamedoorn**

DSGN 1 2



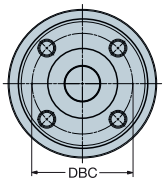


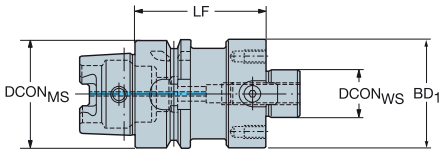




| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 40 | 16 | 1 | 4 | 2 | **392.41005C-4016050** | 40.0 | | 16.0 | 50.0 | 30.0 | 50.0 | 32.0 | 40.0 | 80 | 22.00 | 0.45 | 30000 |
| | 22 | 1 | 4 | 1 | **392.41005C-4022050** | 40.0 | | 22.0 | 50.0 | 50.0 | | 48.0 | | 80 | 45.00 | 0.60 | 30000 |
| 50 | 16 | 1 | 4 | 2 | **392.41005C-5016050** | 50.0 | | 16.0 | 50.0 | 24.0 | 50.0 | 32.0 | 50.0 | 80 | 22.00 | 0.62 | 25000 |
| | 22 | 1 | 4 | 2 | **392.41005C-5022060** | 50.0 | | 22.0 | 60.0 | 34.0 | 60.0 | 48.0 | 50.0 | 80 | 45.00 | 0.92 | 25000 |
| 63 | 16 | 1 | 4 | 2 | **392.41005C6316050** | 63.0 | | 16.0 | 50.0 | 24.0 | 50.0 | 32.0 | 63.0 | 80 | 22.00 | 0.87 | 20500 |
| | 22 | 1 | 4 | 2 | **392.41005C6322050** | 63.0 | | 22.0 | 50.0 | 24.0 | 50.0 | 50.0 | 63.0 | 80 | 45.00 | 1.12 | 20500 |
| | 27 | 1 | 4 | 2 | **392.41005C6327060** | 63.0 | | 27.0 | 60.0 | 24.0 | 60.0 | 60.0 | 63.0 | 80 | 80.00 | 1.45 | 20500 |
| | 32 | 1 | 4 | 1 | **392.41005C6332060** | 63.0 | | 32.0 | 60.0 | 60.0 | | 78.0 | | 80 | 180.00 | 1.80 | 20500 |
| | 40S | 1 | 4 | 1 | **392.41005C6340060M** | 63.0 | 66.7 | 40.0 | 60.0 | 60.0 | | 87.0 | | 80 | 300.00 | 2.13 | 20500 |
| 80 | 22 | 1 | 4 | 2 | **392.41005C8022050** | 80.0 | | 22.0 | 50.0 | 24.0 | 50.0 | 50.0 | 80.0 | 80 | 45.00 | 1.59 | 14000 |
| | 27 | 1 | 4 | 2 | **392.41005C8027050** | 80.0 | | 27.0 | 50.0 | 24.0 | 50.0 | 60.0 | 80.0 | 80 | 80.00 | 1.78 | 14000 |
| | 32 | 1 | 4 | 2 | **392.41005C8032060** | 80.0 | | 32.0 | 60.0 | 34.0 | 60.0 | 78.0 | 80.0 | 80 | 180.00 | 2.42 | 14000 |
| | 40 | 1 | 4 | 1 | **392.41005C8040060** | 80.0 | | 40.0 | 60.0 | 60.0 | | 87.0 | | 80 | 300.00 | 2.74 | 14000 |
| 100 | 22 | 1 | 4 | 2 | **392.41005C10022100** | 100.0 | | 22.0 | 100.0 | 71.0 | 100.0 | 50.0 | 100.0 | 80 | 45.00 | 3.25 | 12500 |
| | 27 | 1 | 4 | 2 | **392.41005C10027100** | 100.0 | | 27.0 | 100.0 | 71.0 | 100.0 | 60.0 | 100.0 | 80 | 80.00 | 3.76 | 12500 |
| | 32 | 1 | 4 | 2 | **392.41005C10032100** | 100.0 | | 32.0 | 100.0 | 71.0 | 100.0 | 78.0 | 100.0 | 80 | 180.00 | 4.90 | 12500 |
| | 40S | 1 | 4 | 2 | **392.41005C10040100M** | 100.0 | 66.7 | 40.0 | 100.0 | 71.0 | 100.0 | 87.0 | 100.0 | 80 | 300.00 | 5.62 | 12500 |
| 125 | 32 | 1 | 4 | 2 | **392.41005C12532100** | 125.0 | | 32.0 | 100.0 | 71.0 | 100.0 | 78.0 | 125.0 | 80 | 180.00 | 6.19 | 9500 |
| | 40S | 1 | 4 | 2 | **392.41005C12540100M** | 125.0 | 66.7 | 40.0 | 100.0 | 71.0 | 100.0 | 87.0 | 125.0 | 80 | 300.00 | 7.05 | 9500 |






| | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | DSGN | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LF | $BD_1$ | NM | KG | RPMX |
| 100 | 60 | 1 | **392.41005-10060075** | 100.0 | 101.6 | 60.0 | 75.0 | 130.0 | 180.00 | 6.30 | 12500 |
| 125 | 60 | 1 | **392.41005-12560085** | 125.0 | 101.6 | 60.0 | 85.0 | 130.0 | 180.00 | 9.70 | 9500 |

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M1 N23 N15

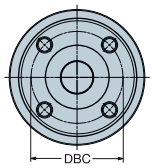
# HSK naar doornbevestigingsadapter met aandrijfschroeven

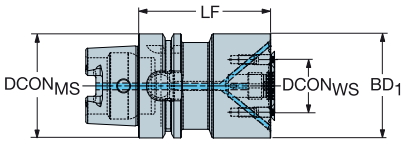
**Koppeling machinezijde HSK A/C**

**Voor CoroMill® QD met interne koeling**

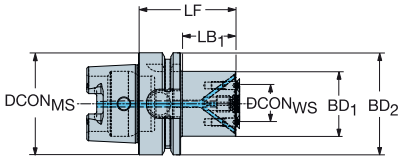


DSGN 1




2

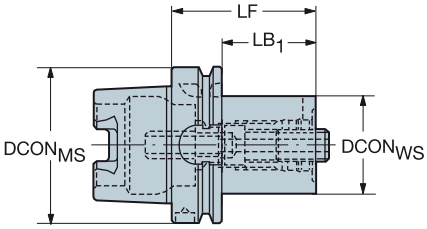



| | | | | | | Afmetingen, mm | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 63 | X10 | 1 | 3 | 2 | **HA06-X10-032-055** | 63.0 | 22.0 | 10.0 | 2 | 55.0 | 28.0 | 55.0 | 32.0 | 63.0 | 80 | 6.40 | 0.85 | 12000 |
| | X22 | 1 | 3 | 2 | **HA06-X22-040-060** | 63.0 | 32.0 | 22.0 | 2 | 60.0 | 33.0 | 60.0 | 40.0 | 63.0 | 80 | 3.90 | 1.01 | 11000 |
| | X32 | 1 | 3 | 1 | **HA06-X32-063-080** | 63.0 | 45.0 | 32.0 | 2 | 80.0 | 80.0 | | 63.0 | | 80 | 6.40 | 1.82 | 10000 |

# HSK naar VL-adapter

**Koppeling machinezijde HSK A/C**






| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | BAR | NM | KG |
| 100 | 80 | 1 | 1 | **390.410-100 80 090** | 100.0 | 80.0 | 90.0 | 61.0 | 100 | 170.00 | 4.39 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

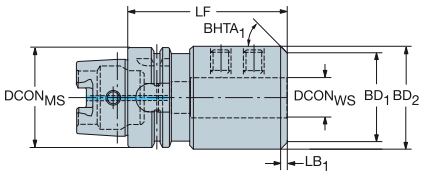
# HSK naar Weldon-adapter

**Koppeling machinezijde HSK A/C**

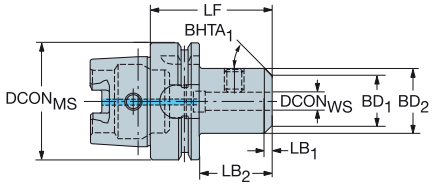
**Koppeling werkstukzijde DIN 6535-HB en DIN 1835-B**

DSGN 3






DSGN 6




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| 63 | 8 | 1 | 1 | 6 | **392.41020-63 08 065B** | 63.0 | 8.0 | 65.0 | 2.0 | 39.0 | 65.0 | 24.0 | 28.0 | 63.0 | 45° | 20 | 7.00 | 0.83 | 20500 |
| | 10 | 1 | 1 | 6 | **392.41020-63 10 065B** | 63.0 | 10.0 | 65.0 | 2.0 | 39.0 | 65.0 | 31.0 | 35.0 | 63.0 | 45° | 20 | 10.00 | 1.02 | 20500 |
| | 12 | 1 | 1 | 6 | **392.41020-63 12 080B** | 63.0 | 12.0 | 80.0 | 2.0 | 54.0 | 80.0 | 38.0 | 42.0 | 63.0 | 45° | 20 | 12.00 | 1.18 | 20500 |
| | 16 | 1 | 1 | 6 | **392.41020-63 16 080B** | 63.0 | 16.0 | 80.0 | 2.0 | 54.0 | 80.0 | 44.0 | 48.0 | 63.0 | 45° | 20 | 15.00 | 1.32 | 20500 |
| | 20 | 1 | 1 | 6 | **392.41020-63 20 080B** | 63.0 | 20.0 | 80.0 | 4.0 | 54.0 | 80.0 | 44.0 | 52.0 | 63.0 | 45° | 20 | 20.00 | 1.39 | 20500 |
| | 25 | 1 | 1 | 3 | **392.41020-63 25 110B** | 63.0 | 25.0 | 110.0 | 5.0 | 110.0 | | 55.0 | 65.0 | | 45° | 20 | 25.00 | 2.35 | 20500 |
| | 32 | 1 | 1 | 3 | **392.41020-63 32 110B** | 63.0 | 32.0 | 110.0 | 5.0 | 110.0 | | 62.0 | 72.0 | | 45° | 20 | 45.00 | 2.60 | 20500 |
| 100 | 12 | 1 | 1 | 6 | **392.41020-100 12 080A** | 100.0 | 12.0 | 80.0 | 5.0 | 51.0 | 80.0 | 32.0 | 42.0 | 100.0 | 45° | 20 | 12.00 | 2.62 | 12500 |
| | 16 | 1 | 1 | 6 | **392.41020-100 16 100A** | 100.0 | 16.0 | 100.0 | 5.0 | 71.0 | 100.0 | 32.0 | 42.0 | 100.0 | 45° | 20 | 15.00 | 2.98 | 12500 |
| | 20 | 1 | 1 | 6 | **392.41020-100 20 100A** | 100.0 | 20.0 | 100.0 | 5.0 | 71.0 | 100.0 | 42.0 | 52.0 | 100.0 | 45° | 20 | 20.00 | 3.12 | 12500 |
| | 25 | 1 | 1 | 6 | **392.41020-100 25 100A** | 100.0 | 25.0 | 100.0 | 8.0 | 71.0 | 100.0 | 49.0 | 65.0 | 100.0 | 45° | 20 | 25.00 | 3.59 | 12500 |
| | 32 | 1 | 1 | 6 | **392.41020-100 32 100A** | 100.0 | 32.0 | 100.0 | 8.0 | 71.0 | 100.0 | 56.0 | 72.0 | 100.0 | 45° | 20 | 45.00 | 3.84 | 12500 |
| | 40 | 1 | 1 | 6 | **392.41020-100 40 120A** | 100.0 | 40.0 | 120.0 | 8.0 | 91.0 | 120.0 | 74.0 | 90.0 | 100.0 | 45° | 20 | 45.00 | 5.64 | 12500 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

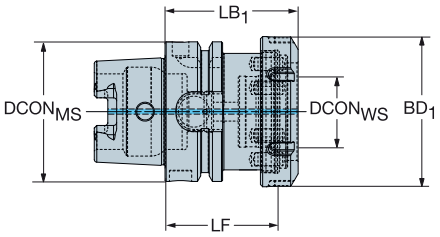
M1 N23 N15

# HSK naar MDI adapter

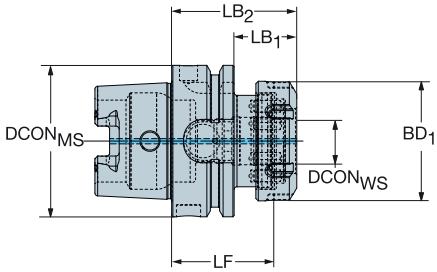
**Koppeling machinezijde HSK A/C/T**



DSGN 1




DSGN 2




| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 63 | MDI-20 | 1 | 1 | 2 | **HT06-DM20-N-042** | 63.0 | 20.0 | 42.0 | 26.0 | 52.0 | 49.7 | 63.0 | 80 | 135.00 | 0.86 | 20000 |
| | MDI-25 | 1 | 1 | 2 | **HT06-DM25-N-050** | 63.0 | 25.0 | 50.0 | 34.0 | 60.0 | 62.7 | 63.0 | 80 | 170.00 | 1.10 | 20000 |
| | MDI-32 | 1 | 1 | 1 | **HT06-DM32-N-050** | 63.0 | 32.0 | 50.0 | 60.0 | | 67.7 | | 80 | 200.00 | 1.18 | 20000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

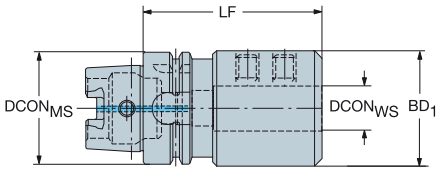
M1 N23 N15 N5

# HSK naar ISO 9766 adapter

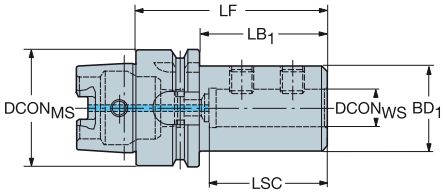
**Koppeling machinezijde HSK A/C**



DSGN 1




DSGN 2

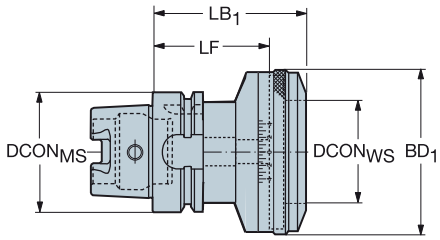



| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 63 | 16 | 1 | 1 | 2 | 392.41027-63 16 080B | 63.0 | 16.0 | 49 | 80.0 | 54.0 | 80.0 | 36.0 | 63.0 | 20 | 10.00 | 1.02 | 20500 |
| | 20 | 1 | 1 | 2 | 392.41027-63 20 080B | 63.0 | 20.0 | 51 | 80.0 | 54.0 | 80.0 | 40.0 | 63.0 | 20 | 12.00 | 1.06 | 20500 |
| | 25 | 1 | 1 | 2 | 392.41027-63 25 090B | 63.0 | 25.0 | 57 | 90.0 | 64.0 | 90.0 | 45.0 | 63.0 | 20 | 20.00 | 0.12 | 20500 |
| | 32 | 1 | 1 | 2 | 392.41027-63 32 090B | 63.0 | 32.0 | 61 | 90.0 | 64.0 | 90.0 | 52.0 | 63.0 | 20 | 30.00 | 1.32 | 20500 |
| | 40 | 1 | 1 | 1 | 392.41027-63 40 110 | 63.0 | 40.0 | 71 | 110.0 | 110.0 | | 65.0 | | 20 | 40.00 | 1.93 | 20500 |
| 80 | 20 | 1 | 1 | 2 | 392.41027-80 20 085 | 80.0 | 20.0 | 51 | 85.0 | 59.0 | 85.0 | 40.0 | 80.0 | 20 | 12.00 | 1.59 | 14000 |
| | 25 | 1 | 1 | 2 | 392.41027-80 25 090 | 80.0 | 25.0 | 57 | 90.0 | 64.0 | 90.0 | 45.0 | 80.0 | 20 | 20.00 | 1.70 | 14000 |
| | 32 | 1 | 1 | 2 | 392.41027-80 32 095 | 80.0 | 32.0 | 61 | 95.0 | 69.0 | 95.0 | 52.0 | 80.0 | 20 | 30.00 | 1.88 | 14000 |
| | 40 | 1 | 1 | 2 | 392.41027-80 40 110 | 80.0 | 40.0 | 71 | 110.0 | 84.0 | 110.0 | 65.0 | 80.0 | 20 | 40.00 | 2.58 | 14000 |
| 100 | 16 | 1 | 1 | 2 | 392.41027-100 16 090A | 100.0 | 16.0 | 49 | 90.0 | 61.0 | 90.0 | 36.0 | 100.0 | 20 | 10.00 | 2.52 | 12500 |
| | 20 | 1 | 1 | 2 | 392.41027-100 20 090A | 100.0 | 20.0 | 51 | 90.0 | 61.0 | 90.0 | 40.0 | 100.0 | 20 | 12.00 | 2.58 | 12500 |
| | 25 | 1 | 1 | 2 | 392.41027-100 25 100A | 100.0 | 25.0 | 57 | 100.0 | 71.0 | 100.0 | 45.0 | 100.0 | 20 | 20.00 | 2.73 | 12500 |
| | 32 | 1 | 1 | 2 | 392.41027-100 32 100A | 100.0 | 32.0 | 61 | 100.0 | 71.0 | 100.0 | 52.0 | 100.0 | 20 | 30.00 | 2.84 | 12500 |
| | 40 | 1 | 1 | 2 | 392.41027-100 40 110A | 100.0 | 40.0 | 71 | 110.0 | 81.0 | 110.0 | 65.0 | 100.0 | 20 | 40.00 | 3.43 | 12500 |
| | 50 | 1 | 1 | 2 | 392.41027-100 50 120 | 100.0 | 50.0 | 81 | 120.0 | 91.0 | 120.0 | 75.0 | 100.0 | 20 | 45.00 | 3.95 | 12500 |

# HSK naar ISO 9766 instelbare adapter

**Koppeling machinezijde HSK A/C**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | BAR | KG | RPMX |
| 63 | 1 | 1 | 1 | 392.410277-63 01 060B | 63.0 | 78.0 | 60.0 | 84.6 | 86.0 | 20 | 2.09 | 12000 |
| 100 | 2 | 1 | 1 | 392.410277-100 02 065A | 100.0 | 98.0 | 65.0 | 89.6 | 106.0 | 20 | 4.64 | 9000 |
| | 3 | 1 | 1 | 392.410277-100 03 085A | 100.0 | 136.0 | 85.0 | 95.0 | 140.0 | 20 | 6.58 | 6000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

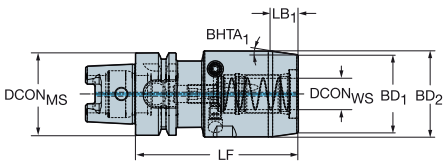
# HSK naar CoroChuck™ 930

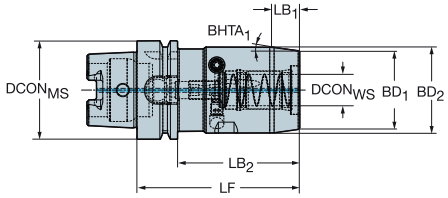
**Heavy duty uitvoering**

**Koppeling machinezijde HSK A/C**

DSGN 3 6



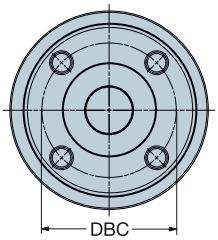


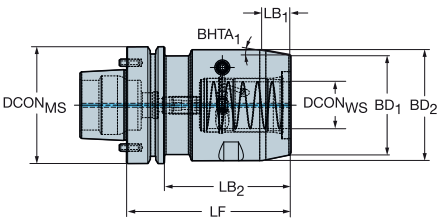




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| 63 | 20 | 1 | 1 | 6 | **930-HA06-HD-20-104** | 63.0 | 20.0 | 51 | 104.0 | 17.8 | 78.0 | 104.0 | 50.0 | 55.0 | 62.9 | 8° | 80 | 10.00 | 1.89 | 20000 |
| | 25 | 1 | 1 | 3 | **930-HA06-HD-25-110** | 63.0 | 25.0 | 57 | 110.0 | 18.8 | 110.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 2.35 | 20000 |
| | 32 | 1 | 1 | 3 | **930-HA06-HD-32-112** | 63.0 | 32.0 | 61 | 112.0 | 18.8 | 112.0 | | 68.0 | 76.0 | | 12° | 80 | 10.00 | 2.90 | 20000 |
| 80 | 32 | 1 | 1 | 6 | **930-HA08-HD-32-110** | 80.0 | 32.0 | 61 | 110.0 | 18.8 | 84.0 | 110.0 | 68.0 | 76.0 | 80.0 | 12° | 80 | 10.00 | 3.44 | 14000 |
| 100 | 20 | 1 | 1 | 6 | **930-HA10-HD-20-100** | 100.0 | 20.0 | 51 | 100.0 | 17.8 | 71.0 | 100.0 | 50.0 | 55.0 | 99.9 | 8° | 80 | 10.00 | 3.18 | 10000 |
| | 25 | 1 | 1 | 6 | **930-HA10-HD-25-106** | 100.0 | 25.0 | 57 | 106.0 | 18.8 | 77.0 | 106.0 | 57.0 | 65.0 | 99.9 | 12° | 80 | 10.00 | 3.72 | 10000 |
| | 32 | 1 | 1 | 6 | **930-HA10-HD-32-110** | 100.0 | 32.0 | 61 | 110.0 | 18.8 | 81.0 | 110.0 | 68.0 | 76.0 | 99.9 | 12° | 80 | 10.00 | 4.40 | 10000 |
| | 32 | 1 | 1 | 6 | **930-HA10-HD-32-180** | 100.0 | 32.0 | 61 | 180.0 | 18.8 | 151.0 | 180.0 | 68.0 | 76.0 | 100.0 | 12° | 80 | 10.00 | 6.84 | 10000 |

**Koppeling machinezijde HSK F met pennen voor Makino**






| | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| 80 | 32 | 1 | 1 | **930-HF08-HD-32-112** | 80.0 | 58.0 | 32.0 | 61 | 112.0 | 18.8 | 86.0 | 68.0 | 76.0 | 12° | 80 | 10.00 | 3.48 | 24000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

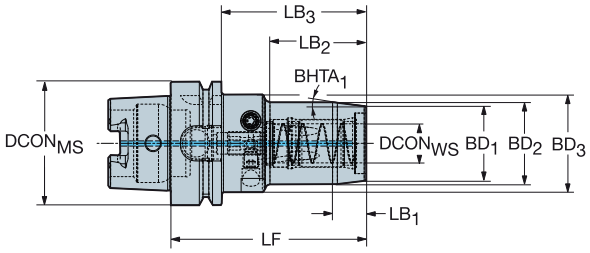
M1 N23 N6 N15 N4

# HSK naar CoroChuck™ 930

**Slanke uitvoering**

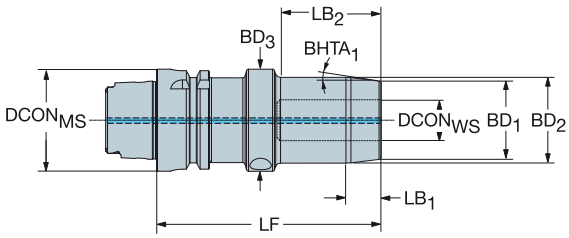
**Koppeling machinezijde HSK A/C**






| | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| 40 | 6 | 1 | 1 | 930-HA04-S-06-070 | 40.0 | 6.0 | 37 | 70.0 | 11.3 | 33.2 | 50.0 | 22.0 | 26.0 | 32.0 | 10° | 80 | 8.00 | 0.40 | 30000 |
| | 8 | 1 | 1 | 930-HA04-S-08-070 | 40.0 | 8.0 | 37 | 70.0 | 11.3 | 35.3 | 50.0 | 24.0 | 28.0 | 32.0 | 10° | 80 | 8.00 | 0.42 | 30000 |
| | 10 | 1 | 1 | 930-HA04-S-10-075 | 40.0 | 10.0 | 41 | 75.0 | 11.3 | 39.6 | 55.0 | 26.0 | 30.0 | 32.0 | 10° | 80 | 8.00 | 0.46 | 30000 |
| | 12 | 1 | 1 | 930-HA04-S-12-080 | 40.0 | 12.0 | 46 | 80.0 | 11.3 | 41.0 | 60.0 | 28.0 | 32.0 | 33.5 | 10° | 80 | 8.00 | 0.51 | 30000 |
| 50 | 6 | 1 | 1 | 930-HA05-S-06-074 | 50.0 | 6.0 | 37 | 74.0 | 11.3 | 30.2 | 48.0 | 22.0 | 26.0 | 40.0 | 10° | 80 | 8.00 | 0.64 | 25000 |
| | 8 | 1 | 1 | 930-HA05-S-08-074 | 50.0 | 8.0 | 37 | 74.0 | 11.3 | 30.2 | 48.0 | 24.0 | 28.0 | 40.0 | 10° | 80 | 8.00 | 0.65 | 25000 |
| | 10 | 1 | 1 | 930-HA05-S-10-080 | 50.0 | 10.0 | 41 | 80.0 | 11.3 | 34.2 | 54.0 | 26.0 | 30.0 | 40.0 | 10° | 80 | 8.00 | 0.71 | 25000 |
| | 12 | 1 | 1 | 930-HA05-S-12-085 | 50.0 | 12.0 | 46 | 85.0 | 11.3 | 38.2 | 59.0 | 28.0 | 32.0 | 40.0 | 10° | 80 | 8.00 | 0.75 | 25000 |
| 63 | 6 | 1 | 1 | 930-HA06-S-06-074 | 63.0 | 6.0 | 37 | 74.0 | 11.3 | 30.2 | 48.0 | 22.0 | 26.0 | 40.0 | 10° | 80 | 8.00 | 0.90 | 20000 |
| | 8 | 1 | 1 | 930-HA06-S-08-074 | 63.0 | 8.0 | 37 | 74.0 | 11.3 | 30.2 | 48.0 | 24.0 | 28.0 | 40.0 | 10° | 80 | 8.00 | 0.91 | 20000 |
| | 10 | 1 | 1 | 930-HA06-S-10-080 | 63.0 | 10.0 | 41 | 80.0 | 11.3 | 34.2 | 54.0 | 26.0 | 30.0 | 40.0 | 10° | 80 | 8.00 | 0.99 | 20000 |
| | 12 | 1 | 1 | 930-HA06-S-12-090 | 63.0 | 12.0 | 46 | 90.0 | 11.3 | 38.2 | 64.0 | 28.0 | 32.0 | 50.0 | 10° | 80 | 8.00 | 1.21 | 20000 |
| | 20 | 1 | 1 | 930-HA06-S-20-100 | 63.0 | 20.0 | 51 | 100.0 | 16.0 | 49.2 | 74.0 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 1.40 | 20000 |
| 100 | 12 | 1 | 1 | 930-HA10-S-12-095 | 100.0 | 12.0 | 46 | 95.0 | 11.3 | 38.2 | 66.0 | 28.0 | 32.0 | 50.0 | 10° | 80 | 8.00 | 2.63 | 10000 |
| | 20 | 1 | 1 | 930-HA10-S-20-100 | 100.0 | 20.0 | 51 | 100.0 | 16.0 | 49.2 | 71.0 | 38.0 | 42.0 | 50.0 | 7° | 80 | 8.00 | 2.74 | 10000 |






| | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | $BHTA_1$ | BAR | NM | KG | RPMX | |
| 40 | 12 | 1 | 1 | 930-HA04-S-12-096 | 40.0 | 12.0 | 46 | 96.0 | 11.3 | 38.2 | 28.0 | 32.0 | 10° | 80 | 8.00 | 0.70 | 40000 | |
| 50 | 20 | 1 | 1 | 930-HA05-S-20-090 | 50.0 | 20.0 | 51 | 90.0 | 16.0 | 64.0 | 37.6 | 41.5 | 7° | 80 | 8.00 | 0.89 | 25000 | |
| | 20 | 1 | 1 | 930-HA05-S-20-110 | 50.0 | 20.0 | 51 | 110.0 | 16.0 | 49.2 | 38.0 | 42.0 | 7° | 80 | 8.00 | 1.19 | 36000 | |
| 63 | 25 | 1 | 1 | 930-HA06-S-25-108 | 63.0 | 25.0 | 57 | 108.0 | 12.9 | 81.1 | 45.0 | 50.0 | 11° | 80 | 8.00 | 1.66 | 20000 | |
| 80 | 25 | 1 | 1 | 930-HA08-S-25-110 | 80.0 | 25.0 | 57 | 110.0 | 12.9 | 83.1 | 45.0 | 50.0 | 11° | 80 | 8.00 | 2.13 | 14000 | |
| 100 | 25 | 1 | 1 | 930-HA10-S-25-110 | 100.0 | 25.0 | 57 | 110.0 | 12.9 | 80.1 | 45.0 | 50.0 | 11° | 80 | 8.00 | 3.02 | 10000 | |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

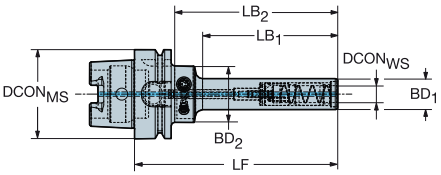
M1 N23 N6 N15 N4

# HSK naar CoroChuck™ 930

**Potlooduitvoering**

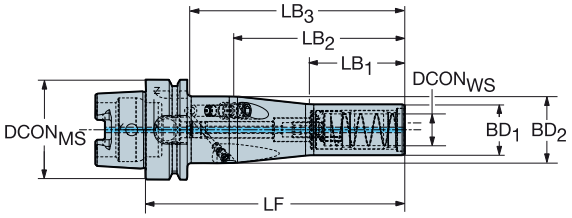
**Koppeling machinezijde HSK A/C**





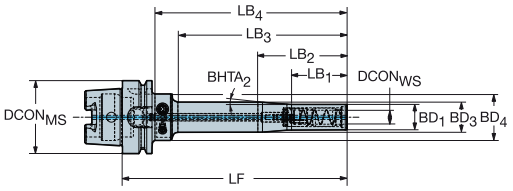

| | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 63 | 6 | 1 | 1 | 930-HA06-P-06-094 | 63.0 | 6.0 | 37 | 94.0 | 45.8 | 52.1 | 68.0 | 94.0 | 14.5 | 14.5 | 40.0 | 63.0 | 62° | 80 | 8.00 | 0.89 | 20000 |
| | 8 | 1 | 1 | 930-HA06-P-08-094 | 63.0 | 8.0 | 37 | 94.0 | 45.8 | 65.5 | 94.0 | | 17.5 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 0.87 | 20000 |
| | 10 | 1 | 1 | 930-HA06-P-10-104 | 63.0 | 10.0 | 41 | 104.0 | 55.8 | 75.5 | 104.0 | | 20.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 0.91 | 20000 |
| | 10 | 1 | 1 | 930-HA06-P-10-144 | 63.0 | 10.0 | 41 | 144.0 | 95.8 | 115.5 | 144.0 | | 20.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.01 | 20000 |
| | 12 | 1 | 1 | 930-HA06-P-12-109 | 63.0 | 12.0 | 46 | 109.0 | 60.8 | 66.4 | 83.0 | 109.0 | 22.0 | 22.0 | 40.0 | 63.0 | 55° | 80 | 8.00 | 0.98 | 20000 |
| | 12 | 1 | 1 | 930-HA06-P-12-144 | 63.0 | 12.0 | 46 | 144.0 | 95.8 | 101.4 | 118.0 | 144.0 | 22.0 | 22.0 | 40.0 | 63.0 | 55° | 80 | 8.00 | 1.09 | 20000 |
| 100 | 12 | 1 | 1 | 930-HA10-P-12-115 | 100.0 | 12.0 | 46 | 115.0 | 60.8 | 66.4 | 86.0 | 115.0 | 22.0 | 22.0 | 40.0 | 100.0 | 55° | 80 | 8.00 | 2.40 | 10000 |
| | 12 | 1 | 1 | 930-HA10-P-12-150 | 100.0 | 12.0 | 46 | 150.0 | 95.8 | 101.4 | 121.0 | 150.0 | 22.0 | 22.0 | 40.0 | 100.0 | 55° | 80 | 8.00 | 2.51 | 10000 |






| | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_3$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 63 | 20 | 1 | 1 | 930-HA06-P-20-163 | 63.0 | 20.0 | 51 | 163.0 | 60.0 | 108.0 | 137.0 | 32.0 | 42.0 | 6° | 80 | 8.00 | 1.59 | 20000 |
| 100 | 20 | 1 | 1 | 930-HA10-P-20-170 | 100.0 | 20.0 | 51 | 170.0 | 60.0 | 108.0 | 141.0 | 32.0 | 42.0 | 6° | 80 | 8.00 | 3.06 | 10000 |






| | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_3$ | $BD_4$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 63 | 12 | 1 | 1 | 930-HA06-P-12-194 | 63.0 | 12.0 | 46 | 194.0 | 50.0 | 75.0 | 145.8 | 168.0 | 22.0 | 26.0 | 40.0 | 4° | 80 | 8.00 | 1.39 | 20000 |
| 100 | 12 | 1 | 1 | 930-HA10-P-12-200 | 100.0 | 12.0 | 46 | 200.0 | 50.0 | 75.0 | 145.8 | 171.0 | 22.0 | 26.0 | 40.0 | 4° | 80 | 8.00 | 2.79 | 10000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

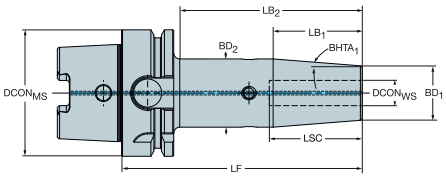
M1 N23 N6 N15 N4

# HSK naar krimphouder

**Koppeling machinezijde HSK A/C**

**Inwendige koelvloeistoftoevoer**






**Voor MQL bewerkingen**

| | | | | | Afmetingen, mm | | | | | | | | BAR | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | $BHTA_1$ | | | RPMX |
| 63 | 6 | 1 | 1 | HA06-SH06Q-S-080 | 63.0 | 6.0 | 22 | 80.0 | 38.1 | 54.0 | 21.0 | 27.0 | 4° | 10 | 0.83 | 20500 |
| | 6 | 1 | 1 | HA06-SH06Q-S-120 | 63.0 | 6.0 | 22 | 120.0 | 38.1 | 94.0 | 21.0 | 27.0 | 4° | 10 | 1.01 | 20500 |
| | 8 | 1 | 1 | HA06-SH08Q-S-080 | 63.0 | 8.0 | 26 | 80.0 | 38.1 | 54.0 | 21.0 | 27.0 | 4° | 10 | 0.82 | 20500 |
| | 8 | 1 | 1 | HA06-SH08Q-S-120 | 63.0 | 8.0 | 26 | 120.0 | 38.1 | 94.0 | 21.0 | 27.0 | 4° | 10 | 1.00 | 20500 |
| | 10 | 1 | 1 | HA06-SH10Q-S-085 | 63.0 | 10.0 | 31 | 85.0 | 50.8 | 59.0 | 24.0 | 32.0 | 4° | 10 | 0.90 | 20500 |
| | 10 | 1 | 1 | HA06-SH10Q-S-120 | 63.0 | 10.0 | 31 | 120.0 | 50.8 | 94.0 | 24.0 | 32.0 | 4° | 10 | 1.11 | 20500 |
| | 12 | 1 | 1 | HA06-SH12Q-S-090 | 63.0 | 12.0 | 34 | 90.0 | 50.8 | 64.0 | 24.0 | 32.0 | 4° | 10 | 0.91 | 20500 |
| | 12 | 1 | 1 | HA06-SH12Q-S-120 | 63.0 | 12.0 | 34 | 120.0 | 50.8 | 94.0 | 24.0 | 32.0 | 4° | 10 | 1.09 | 20500 |
| | 16 | 1 | 1 | HA06-SH16Q-S-095 | 63.0 | 16.0 | 39 | 95.0 | 44.4 | 69.0 | 27.0 | 34.0 | 4° | 10 | 0.97 | 20500 |
| | 16 | 1 | 1 | HA06-SH16Q-S-120 | 63.0 | 16.0 | 39 | 120.0 | 44.4 | 94.0 | 27.0 | 34.0 | 4° | 10 | 1.14 | 20500 |
| | 20 | 1 | 1 | HA06-SH20Q-S-100 | 63.0 | 20.0 | 41 | 100.0 | 57.2 | 74.0 | 33.0 | 42.0 | 4° | 10 | 1.17 | 20500 |
| | 20 | 1 | 1 | HA06-SH20Q-S-120 | 63.0 | 20.0 | 41 | 120.0 | 57.2 | 94.0 | 33.0 | 42.0 | 4° | 10 | 1.38 | 20500 |
| | 25 | 1 | 1 | HA06-SH25Q-S-115 | 63.0 | 25.0 | 47 | 115.0 | 57.2 | 89.0 | 44.0 | 53.0 | 4° | 10 | 1.75 | 20500 |
| | 32 | 1 | 1 | HA06-SH32Q-S-120 | 63.0 | 32.0 | 51 | 120.0 | 57.2 | 94.0 | 44.0 | 53.0 | 4° | 10 | 1.64 | 20500 |
| 100 | 6 | 1 | 1 | HA10-SH06Q-S-085 | 100.0 | 6.0 | 22 | 85.0 | 38.1 | 56.0 | 21.0 | 27.0 | 4° | 10 | 2.19 | 12500 |
| | 6 | 1 | 1 | HA10-SH06Q-S-120 | 100.0 | 6.0 | 22 | 120.0 | 38.1 | 91.0 | 21.0 | 27.0 | 4° | 10 | 2.34 | 12500 |
| | 8 | 1 | 1 | HA10-SH08Q-S-085 | 100.0 | 8.0 | 26 | 85.0 | 38.1 | 56.0 | 21.0 | 27.0 | 4° | 10 | 2.18 | 12500 |
| | 8 | 1 | 1 | HA10-SH08Q-S-120 | 100.0 | 8.0 | 26 | 120.0 | 38.1 | 91.0 | 21.0 | 27.0 | 4° | 10 | 2.33 | 12500 |
| | 10 | 1 | 1 | HA10-SH10Q-S-090 | 100.0 | 10.0 | 31 | 90.0 | 50.8 | 61.0 | 24.0 | 32.0 | 4° | 10 | 2.26 | 12500 |
| | 10 | 1 | 1 | HA10-SH10Q-S-120 | 100.0 | 10.0 | 31 | 120.0 | 50.8 | 91.0 | 24.0 | 32.0 | 4° | 10 | 2.44 | 12500 |
| | 12 | 1 | 1 | HA10-SH12Q-S-095 | 100.0 | 12.0 | 34 | 95.0 | 50.8 | 66.0 | 24.0 | 32.0 | 4° | 10 | 2.28 | 12500 |
| | 12 | 1 | 1 | HA10-SH12Q-S-120 | 100.0 | 12.0 | 34 | 120.0 | 50.8 | 91.0 | 24.0 | 32.0 | 4° | 10 | 2.42 | 12500 |
| | 16 | 1 | 1 | HA10-SH16Q-S-100 | 100.0 | 16.0 | 39 | 100.0 | 44.4 | 71.0 | 27.0 | 34.0 | 4° | 10 | 2.34 | 12500 |
| | 16 | 1 | 1 | HA10-SH16Q-S-130 | 100.0 | 16.0 | 39 | 130.0 | 44.4 | 101.0 | 27.0 | 34.0 | 4° | 10 | 2.54 | 12500 |
| | 20 | 1 | 1 | HA10-SH20Q-S-105 | 100.0 | 20.0 | 41 | 105.0 | 57.2 | 76.0 | 33.0 | 42.0 | 4° | 10 | 2.54 | 12500 |
| | 20 | 1 | 1 | HA10-SH20Q-S-130 | 100.0 | 20.0 | 41 | 130.0 | 57.2 | 101.0 | 33.0 | 42.0 | 4° | 10 | 2.80 | 12500 |
| | 25 | 1 | 1 | HA10-SH25Q-S-115 | 100.0 | 25.0 | 47 | 115.0 | 57.2 | 86.0 | 44.0 | 53.0 | 4° | 10 | 3.06 | 12500 |
| | 32 | 1 | 1 | HA10-SH32Q-S-120 | 100.0 | 32.0 | 51 | 120.0 | 57.2 | 91.0 | 44.0 | 53.0 | 4° | 10 | 2.95 | 12500 |

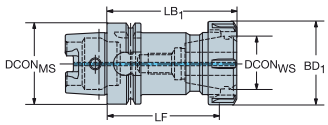
Balans: Fijninstelling mogelijk

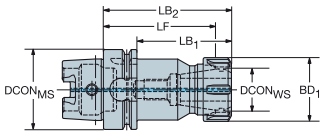
# HSK naar ER spantanghouder

**Koppeling werkstukzijde DIN 6499-B**

DSGN 1 2






| | | | | | | Afmetingen, mm | | | | | | | BAR | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | | | RPMX |
| 40 | ER25 | 1 | 1 | 1 | 392.41014-4025062 | 40.0 | 26.0 | 50.0 | 62.0 | | 42.0 | | 80 | 0.42 | 30000 |
| 50 | ER32 | 1 | 1 | 1 | 392.41014-5032072 | 50.0 | 33.0 | 59.0 | 72.0 | | 50.0 | | 80 | 0.70 | 25000 |
| 63 | ER16 | 1 | 1 | 2 | 392.41014-63 16 100 | 63.0 | 17.0 | 89.4 | 71.0 | 100.0 | 28.0 | 63.0 | 80 | 0.96 | 20500 |
| | ER25 | 1 | 1 | 2 | 392.41014-63 25 100 | 63.0 | 26.0 | 88.0 | 74.0 | 100.0 | 42.0 | 63.0 | 80 | 1.24 | 20500 |
| | ER32 | 1 | 1 | 2 | 392.41014-63 32 100B | 63.0 | 33.0 | 87.0 | 74.0 | 100.0 | 50.0 | 63.0 | 80 | 1.37 | 20500 |
| | ER40 | 1 | 1 | 1 | 392.41014-63 40 120B | 63.0 | 41.0 | 105.0 | 120.0 | | 63.0 | | 80 | 1.88 | 20500 |
| 100 | ER32 | 1 | 1 | 2 | 392.41014-100 32 100A | 100.0 | 33.0 | 87.0 | 71.0 | 100.0 | 50.0 | 100.0 | 80 | 2.75 | 12500 |
| | ER40 | 1 | 1 | 2 | 392.41014-100 40 120A | 100.0 | 41.0 | 105.0 | 91.0 | 120.0 | 63.0 | 100.0 | 80 | 3.48 | 12500 |
| | ER50 | 1 | 1 | 2 | 392.41014-100 50 130A | 100.0 | 52.0 | 109.0 | 101.0 | 130.0 | 78.0 | 100.0 | 80 | 4.45 | 12500 |

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M1



N23



N15



SANDVIK Coromant

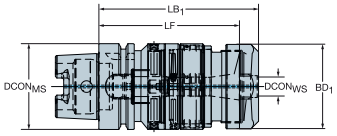
# HSK naar CoroChuck™ 970

**Koppeling machinezijde HSK A/C**

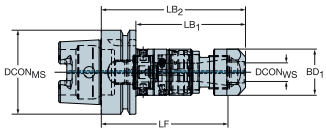
**Koppeling werkstukzijde DIN 6499-B**



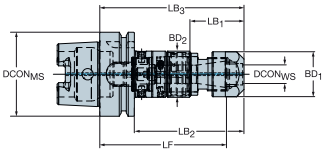
DSGN 1




2




5




| CZC$_{MS}$ | CZC$_{WS}$ | TRMAX | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | BD$_1$ | BD$_2$ | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 | ER32 | M27 | 1 | 1 | 2 | **970-HA06-32-131** | 63.0 | 32.8 | 121.7 | 105.2 | 131.2 | 50.0 | 63.0 | 80 | 1.41 | 8000 |
| | ER40 | M30 | 1 | 1 | 1 | **970-HA06-40-160** | 63.0 | 41.0 | 143.1 | 154.5 | | 63.0 | | 80 | 2.91 | 8000 |
| 100 | ER32 | M27 | 1 | 1 | 2 | **970-HA10-32-138** | 100.0 | 32.8 | 128.2 | 108.7 | 137.7 | 50.0 | 100.0 | 80 | 2.80 | 8000 |
| | ER40 | M30 | 1 | 1 | 2 | **970-HA10-40-164** | 100.0 | 40.8 | 146.6 | 129.1 | 158.0 | 63.0 | 100.0 | 80 | 4.35 | 8000 |

**Voor MQL bewerkingen**

| CZC$_{MS}$ | CZC$_{WS}$ | TRMAX | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | LB$_3$ | BD$_1$ | BD$_2$ | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 | ER20 | M12 | 1 | 1 | 5 | **970-HA06-20-108** | 63.0 | 20.8 | 95.1 | 35.3 | 77.1 | 103.1 | 33.7 | 35.0 | 80 | 1.09 | 8000 |
| | ER20 | M12 | 1 | 1 | 5 | **970-HA06Q-20-108** | 63.0 | 20.8 | 95.1 | 40.3 | 82.1 | 108.1 | 33.7 | 34.6 | 80 | 1.10 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-HA06-25-128** | 63.0 | 25.8 | 114.0 | 37.1 | 96.5 | 122.5 | 42.0 | 44.0 | 80 | 1.44 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-HA06Q-25-128** | 63.0 | 25.8 | 114.0 | 43.2 | 101.5 | 127.5 | 41.7 | 44.0 | 80 | 1.05 | 8000 |
| 100 | ER20 | M12 | 1 | 1 | 5 | **970-HA10-20-115** | 100.0 | 20.8 | 101.6 | 35.3 | 80.5 | 109.6 | 33.7 | 35.0 | 80 | 2.58 | 8000 |
| | ER20 | M12 | 1 | 1 | 5 | **970-HA10Q-20-115** | 100.0 | 20.8 | 101.6 | 40.7 | 85.6 | 114.6 | 33.7 | 34.6 | 80 | 2.53 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-HA10-25-134** | 100.0 | 25.8 | 120.5 | 37.1 | 100.0 | 129.0 | 42.0 | 44.0 | 80 | 2.92 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-HA10Q-25-134** | 100.0 | 25.8 | 120.5 | 42.1 | 105.0 | 134.0 | 41.7 | 44.0 | 80 | 2.89 | 8000 |

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M1



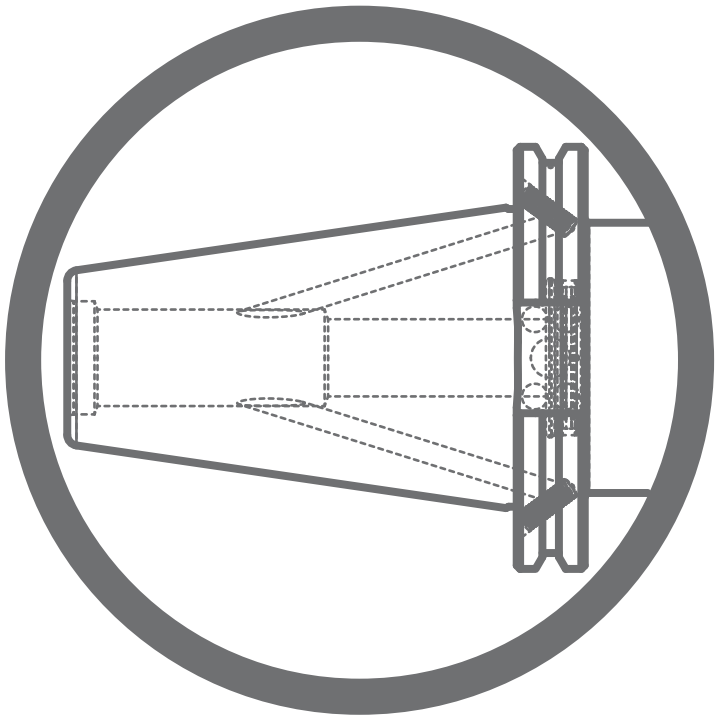
N23



N15


N5

# Koppeling machinezijde BIG-PLUS® ISO

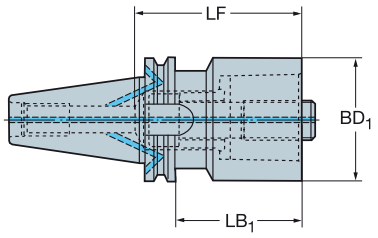


# BIG-PLUS ISO naar Coromant Capto® -adapter

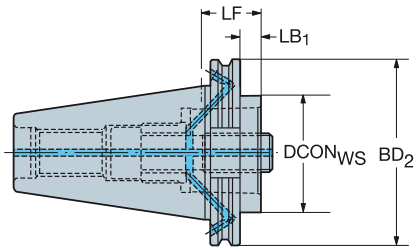
**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**



DSGN 1




2

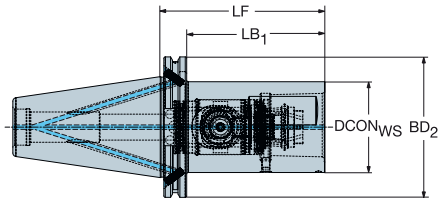



| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm CRKS | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | BD$_2$ | BAR | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | C3 | 7 | 1 | 2 | C3-390B.540-40 030 | M16 | 32.0 | 30.0 | 10.9 | 30.0 | 63.5 | 80 | 45.00 | 0.89 |
| | C4 | 7 | 1 | 2 | C4-390B.540-40 040 | M16 | 40.0 | 40.0 | 20.9 | 40.0 | 63.5 | 80 | 55.00 | 0.96 |
| | C5 | 7 | 1 | 2 | C5-390B.540-40 050 | M16 | 50.0 | 50.0 | 30.9 | 50.0 | 63.5 | 80 | 95.00 | 1.12 |
| | C6 | 7 | 1 | 2 | C6-390B.540-40 085 | M16 | 63.0 | 85.0 | 30.9 | 50.0 | 63.5 | 80 | 170.00 | 1.81 |
| 50 | C3 | 7 | 1 | 2 | C3-390.540-50 030A | M24 | 32.0 | 30.0 | 10.9 | 30.0 | 97.5 | 80 | 45.00 | 2.80 |
| | C3 | 7 | 1 | 2 | C3-390.540-50 060 | M24 | 32.0 | 60.0 | 40.9 | 60.0 | 97.5 | 80 | 45.00 | 2.91 |
| | C4 | 7 | 1 | 2 | C4-390.540-50 030A | M24 | 40.0 | 30.0 | 10.9 | 30.0 | 97.5 | 80 | 55.00 | 2.80 |
| | C4 | 7 | 1 | 2 | C4-390.540-50 060 | M24 | 40.0 | 60.0 | 40.9 | 60.0 | 97.5 | 80 | 55.00 | 3.01 |
| | C5 | 7 | 1 | 2 | C5-390.540-50 030A | M24 | 50.0 | 30.0 | 10.9 | 30.0 | 97.5 | 80 | 95.00 | 2.75 |
| | C5 | 7 | 1 | 2 | C5-390.540-50 070 | M24 | 50.0 | 70.0 | 50.9 | 70.0 | 97.5 | 80 | 95.00 | 3.27 |
| | C6 | 7 | 1 | 2 | C6-390.540-50 050A | M24 | 63.0 | 50.0 | 30.9 | 50.0 | 97.5 | 80 | 170.00 | 3.10 |
| | C6 | 7 | 1 | 2 | C6-390.540-50 100 | M24 | 63.0 | 100.0 | 80.9 | 100.0 | 97.5 | 80 | 170.00 | 4.22 |
| | C8 | 7 | 1 | 2 | C8-390.540-50 070A | M24 | 80.0 | 70.0 | 50.9 | 70.0 | 97.5 | 80 | 170.00 | 3.90 |
| | C8 | 7 | 1 | 2 | C8-390.540-50 120 | M24 | 80.0 | 120.0 | 100.9 | 120.0 | 97.5 | 80 | 170.00 | 5.74 |
| | C10 | 7 | 1 | 1 | C10-390.540-50 140 | M24 | 100.0 | 140.0 | 140.0 | | | 80 | 380.00 | 7.72 |

# BIG-PLUS ISO naar Coromant Capto® -adapter met snelwisselsysteem

**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**






| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm CRKS | DCON$_{WS}$ | LF | LB$_1$ | BD$_2$ | BAR | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | C6 | 7 | 1 | IB50-QC-C6-115 | M24 | 63.0 | 115.0 | 95.0 | 97.4 | 80 | 90.00 | 4.48 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com


M1



N23



N15

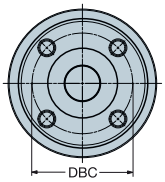
# BIG-PLUS ISO naar doornbevestigingsadapter

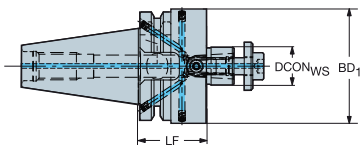
**Koelmiddel door opnamedoorn**

**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**

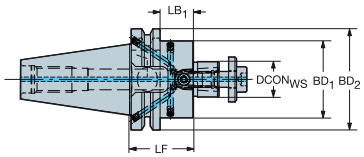


DSGN 1



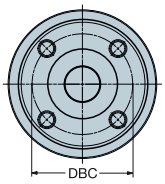



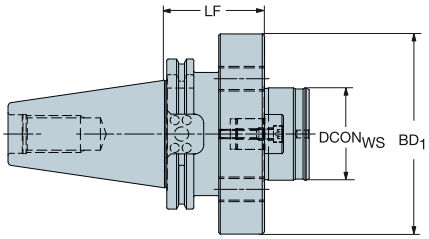

2




| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | DBC | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 40 | 16 | 7 | 4 | 2 | **392.54005C4016045** | | M16 | 16.0 | 45.0 | 25.9 | 45.0 | 32.0 | 63.5 | 80 | 22.00 | 1.04 | 18000 |
| | 22 | 7 | 4 | 2 | **392.54005C4022040** | | M16 | 22.0 | 40.0 | 20.9 | 40.0 | 48.0 | 63.5 | 80 | 45.00 | 1.20 | 18000 |
| | 27 | 7 | 4 | 2 | **392.54005C4027050** | | M16 | 27.0 | 50.0 | 30.9 | 50.0 | 60.0 | 63.5 | 80 | 80.00 | 1.51 | 18000 |
| | 32 | 7 | 4 | 1 | **392.54005C4032055** | | M16 | 32.0 | 55.0 | 55.0 | | 78.0 | | 80 | 180.00 | 2.03 | 18000 |
| | 40S | 7 | 4 | 1 | **392.54005C4040055M** | 66.7 | M16 | 40.0 | 55.0 | 55.0 | | 87.0 | | 80 | 300.00 | 2.37 | 18000 |
| 50 | 22 | 7 | 4 | 2 | **392.54005C5022040** | | M24 | 22.0 | 40.0 | 21.0 | 40.0 | 48.0 | 97.5 | 80 | 45.00 | 3.04 | 12000 |
| | 27 | 7 | 4 | 2 | **392.54005C5027050** | | M24 | 27.0 | 50.0 | 30.9 | 50.0 | 60.0 | 97.5 | 80 | 80.00 | 3.45 | 12000 |
| | 32 | 7 | 4 | 2 | **392.54005C5032055** | | M24 | 32.0 | 55.0 | 35.9 | 55.0 | 78.0 | 97.5 | 80 | 180.00 | 4.11 | 12000 |
| | 40S | 7 | 4 | 2 | **392.54005C5040060** | 66.7 | M24 | 40.0 | 60.0 | 40.9 | 60.0 | 87.0 | 97.0 | 80 | 300.00 | 4.65 | 12000 |






| | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | **Bestelnummer** | DBC | CRKS | $DCON_{WS}$ | LF | $BD_1$ | NM | KG | RPMX |
| 50 | 60 | **392.54005-5060065** | 101.6 | M24 | 60.0 | 65.0 | 130.0 | 180.00 | 7.70 | 12000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

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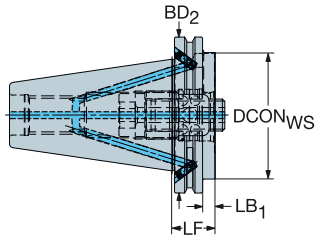
M1 N23 N15

# BIG-PLUS ISO naar VL-adapter

**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**

**Koppeling werkstukzijde DIN 6499-B**






| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 50 | 80 | 7 | 1 | **390B.540-50 80 027** | M24 | 80.0 | 27.0 | 7.9 | 97.5 | 80 | 170.00 | 2.87 | 12000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

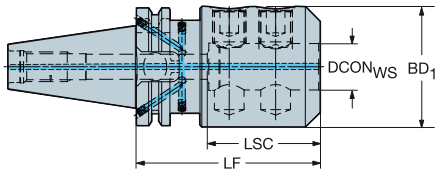
M1 N23 N15

# BIG-PLUS ISO naar Weldon / ISO 9766-adapter

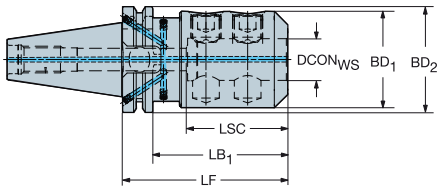
**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**



DSGN 1




2




| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 40 | 16 | 7 | 1 | 2 | **392.54023-4016060** | M16 | 16.0 | | 60.0 | 40.9 | 60.0 | 48.0 | 63.5 | 20 | 25.00 | 1.32 | 18000 |
| | 20 | 7 | 1 | 2 | **392.54023-4020070** | M16 | 20.0 | | 70.0 | 50.9 | 70.0 | 52.0 | 63.5 | 20 | 25.00 | 1.52 | 18000 |
| | 25 | 7 | 1 | 1 | **392.54023-4025100** | M16 | 25.0 | | 100.0 | 100.0 | | 65.0 | | 20 | 25.00 | 2.43 | 18000 |
| | 32 | 7 | 1 | 1 | **392.54023-4032105** | M16 | 32.0 | | 105.0 | 105.0 | | 72.0 | | 20 | 45.00 | 2.80 | 18000 |
| | 40 | 7 | 1 | 1 | **392.54023-4040115** | M16 | 40.0 | | 115.0 | 115.0 | | 90.0 | | 20 | 45.00 | 4.28 | 18000 |
| 50 | 25 | 7 | 1 | 2 | **392.54023-5025085** | M24 | 25.0 | 60 | 85.0 | 65.9 | 85.0 | 65.0 | 97.5 | 20 | 25.00 | 4.05 | 12000 |
| | 32 | 7 | 1 | 2 | **392.54023-5032090** | M24 | 32.0 | 64 | 90.0 | 69.9 | 90.0 | 72.0 | 97.5 | 20 | 45.00 | 4.42 | 12000 |
| | 40 | 7 | 1 | 2 | **392.54023-5040115** | M24 | 40.0 | 74 | 115.0 | 95.9 | 115.0 | 90.0 | 97.0 | 20 | 45.00 | 6.35 | 12000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

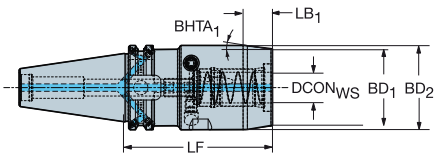
M1 N23 N15

# BIG-PLUS ISO naar CoroChuck™ 930

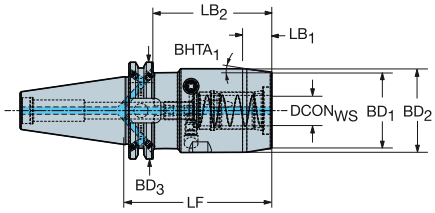
**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**



DSGN 3




6

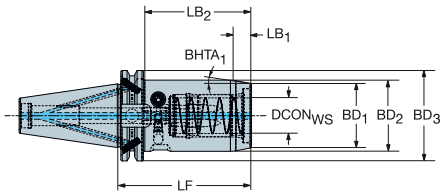



## Heavy duty uitvoering

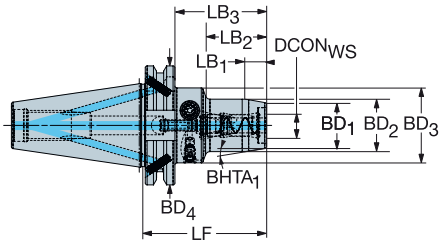
| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| 40 | 20 | 7 | 1 | 6 | 930-IB40-HD-20-097 | M16 | 20.0 | 51 | 97.0 | 17.8 | 77.9 | 97.0 | 50.0 | 55.0 | 63.5 | 8° | 80 | 10.00 | 2.03 | 18000 |
| | 25 | 7 | 1 | 3 | 930-IB40-HD-25-103 | M16 | 25.0 | 57 | 103.0 | 18.8 | 103.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 2.50 | 18000 |
| 50 | 20 | 7 | 1 | 6 | 930-IB50-HD-20-083 | M24 | 20.0 | 51 | 83.0 | 17.8 | 63.9 | 83.0 | 50.0 | 55.0 | 97.4 | 8° | 80 | 10.00 | 3.72 | 12000 |
| | 25 | 7 | 1 | 6 | 930-IB50-HD-25-087 | M24 | 25.0 | 57 | 87.0 | 18.8 | 67.9 | 87.0 | 57.0 | 65.0 | 97.4 | 12° | 80 | 10.00 | 4.17 | 12000 |
| | 32 | 7 | 1 | 6 | 930-IB50-HD-32-077 | M24 | 32.0 | 61 | 77.0 | 18.8 | 57.9 | 77.0 | 68.0 | 76.0 | 97.4 | 12° | 80 | 10.00 | 4.27 | 12000 |



DSGN 6




10




## Slanke uitvoering

| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_1$ | BAR | NM | KG | RPMX |
| 40 | 6 | 7 | 1 | 10 | 930-IB40-S-06-068 | M16 | 6.0 | 37 | 68.0 | 11.3 | 30.2 | 48.9 | 68.0 | 22.0 | 26.0 | 40.0 | 63.5 | 10° | 80 | 8.00 | 1.08 | 18000 |
| | 8 | 7 | 1 | 10 | 930-IB40-S-08-068 | M16 | 8.0 | 37 | 68.0 | 11.3 | 30.2 | 48.9 | 68.0 | 24.0 | 28.0 | 40.0 | 63.5 | 10° | 80 | 8.00 | 1.10 | 18000 |
| | 10 | 7 | 1 | 10 | 930-IB40-S-10-072 | M16 | 10.0 | 41 | 72.0 | 11.3 | 34.2 | 52.9 | 72.0 | 26.0 | 30.0 | 40.0 | 63.5 | 10° | 80 | 8.00 | 1.13 | 18000 |
| | 12 | 7 | 1 | 10 | 930-IB40-S-12-080 | M16 | 12.0 | 46 | 80.0 | 11.3 | 38.2 | 60.9 | 80.0 | 28.0 | 32.0 | 50.0 | 63.5 | 10° | 80 | 8.00 | 1.33 | 18000 |
| | 20 | 7 | 1 | 10 | 930-IB40-S-20-090 | M16 | 20.0 | 51 | 90.0 | 16.0 | 49.2 | 70.9 | 90.0 | 38.0 | 42.0 | 50.0 | 63.5 | 7° | 80 | 8.00 | 1.52 | 18000 |
| | 25 | 7 | 1 | 6 | 930-IB40-S-25-095 | M16 | 25.0 | 57 | 95.0 | 12.9 | 75.0 | 95.0 | | 45.0 | 50.0 | 63.5 | | 11° | 80 | 8.00 | 1.74 | 18000 |
| 50 | 20 | 7 | 1 | 10 | 930-IB50-S-20-089 | M24 | 20.0 | 51 | 89.0 | 16.0 | 49.2 | 69.9 | 89.0 | 38.0 | 42.0 | 50.0 | 97.4 | 7° | 80 | 8.00 | 3.40 | 12000 |
| | 25 | 7 | 1 | 6 | 930-IB50-S-25-095 | M24 | 25.0 | 57 | 95.0 | 12.9 | 73.5 | 95.0 | | 45.0 | 50.0 | 97.4 | | 11° | 80 | 8.00 | 3.61 | 12000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

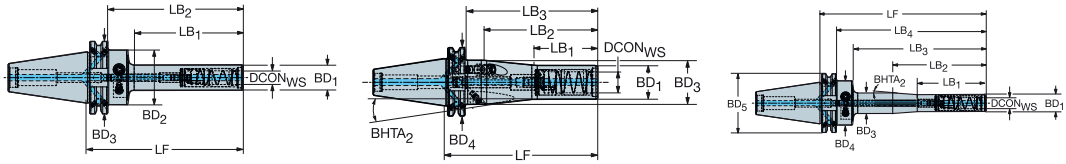
M1 N23 N15 N4

# BIG-PLUS ISO naar CoroChuck™ 930

**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**

DSGN 5 11 17



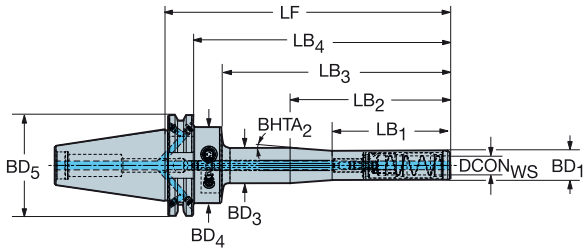



**Potlooduitvoering**

| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $LB_5$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 40 | 8 | 7 | 1 | 5 | **930-IB40-P-08-088** | M16 | 8.0 | 37 | 88.0 | 45.8 | 66.5 | 88.0 | | | 17.5 | 40.0 | 63.5 | | | 0° | 80 | 8.00 | 1.06 | 18000 |
| | 10 | 7 | 1 | 5 | **930-IB40-P-10-098** | M16 | 10.0 | 41 | 98.0 | 55.8 | 76.5 | 98.0 | | | 20.0 | 40.0 | 63.5 | | | 0° | 80 | 8.00 | 1.10 | 18000 |
| | 10 | 7 | 1 | 5 | **930-IB40-P-10-138** | M16 | 10.0 | 41 | 138.0 | 95.8 | 116.5 | 138.0 | | | 20.0 | 40.0 | 63.5 | | | 0° | 80 | 8.00 | 1.20 | 18000 |
| | 12 | 7 | 1 | 5 | **930-IB40-P-12-103** | M16 | 12.0 | 46 | 103.0 | 65.0 | 83.9 | 103.0 | | | 22.0 | 40.0 | 63.5 | | | 0° | 80 | 8.00 | 1.19 | 18000 |
| | 12 | 7 | 1 | 5 | **930-IB40-P-12-138** | M16 | 12.0 | 46 | 138.0 | 100.0 | 118.9 | 138.0 | | | 22.0 | 40.0 | 63.5 | | | 0° | 80 | 8.00 | 1.29 | 18000 |
| | 12 | 7 | 1 | 17 | **930-IB40-P-12-188** | M16 | 12.0 | 46 | 188.0 | 50.0 | 75.0 | 150.0 | 168.9 | 188 | 22.0 | 22.0 | 26.0 | 40.0 | 63 | 4° | 80 | 8.00 | 1.58 | 18000 |
| | 20 | 7 | 1 | 11 | **930-IB40-P-20-145** | M16 | 20.0 | 51 | 145.0 | 60.0 | 108.0 | 125.9 | 145.0 | | 32.0 | 32.0 | 42.0 | 63.5 | | 5° | 80 | 8.00 | 1.66 | 18000 |

DSGN 17






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 40 | 12 | 7 | 1 | 17 | **930-IB40-P-12-188** | M16 | 12.0 | 46 | 188.0 | 50.0 | 75.0 | 150.0 | 168.9 | 22.0 | 26.0 | 40.0 | 63 | 4° | 80 | 8.00 | 1.58 | 18000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

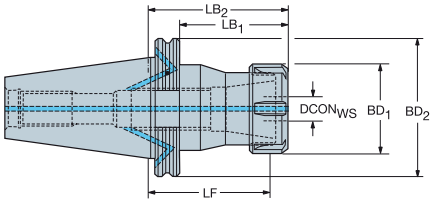
M1 N23 N15 N4

# BIG-PLUS ISO naar ER spantanghouder

**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**

**Koppeling werkstukzijde DIN 6499-B**






| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | KG | RPMX |
| 40 | ER25 | 7 | 1 | **392.54014-4025070** | M16 | 26.0 | 58.0 | 30.9 | 70.0 | 42.0 | 63.5 | 80 | 1.17 | 18000 |
| | ER40 | 7 | 1 | **392.54014-4040075** | M16 | 41.0 | 60.0 | 55.9 | 75.0 | 63.0 | 63.5 | 80 | 1.43 | 18000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

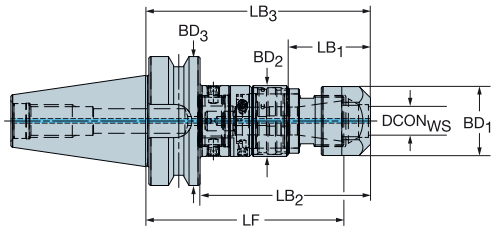
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# BIG-PLUS ISO naar CoroChuck™ 970

**Koppeling werkstukzijde DIN 6499-B**





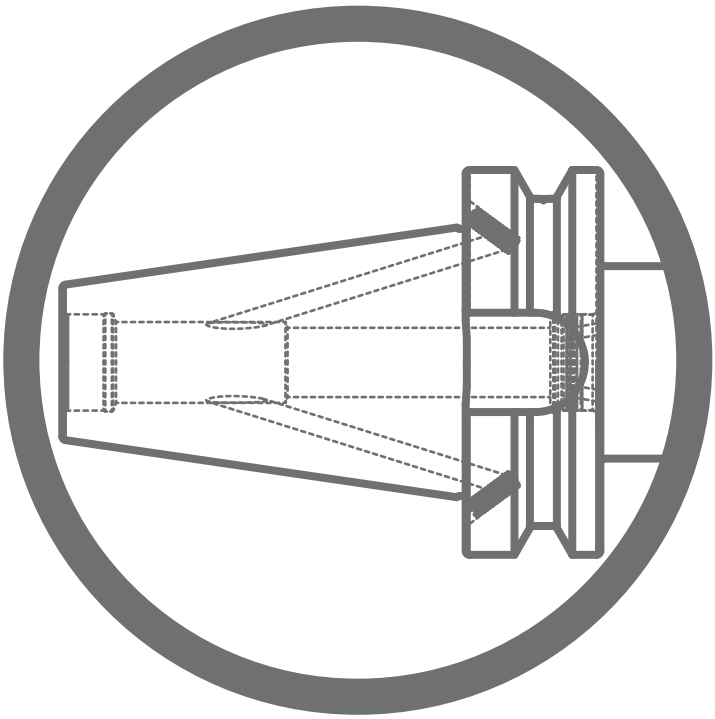

| CZC$_{MS}$ | CZC$_{WS}$ | TRMAX | CNSC | CXSC | Bestelnummer | Afmetingen, mm CRKS | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | LB$_3$ | BD$_1$ | BD$_2$ | BD$_3$ | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | ER20 | M12 | 7 | 1 | **970-IB50-20-106** | M24 | 20.8 | 93.2 | 35.3 | 82.1 | 101.2 | 33.7 | 35.0 | 97.5 | 80 | 3.00 | 8000 |
| | ER25 | M20 | 7 | 1 | **970-IB50-25-126** | M24 | 25.8 | 112.1 | 37.1 | 101.5 | 120.6 | 42.0 | 44.0 | 97.5 | 80 | 3.50 | 8000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

N23 N15 N5

# Koppeling machinezijde BIG-PLUS® MAS-BT

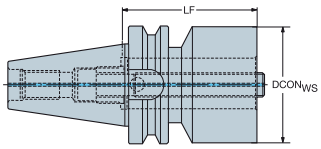


# BIG-PLUS MAS-BT naar Coromant Capto® -adapter

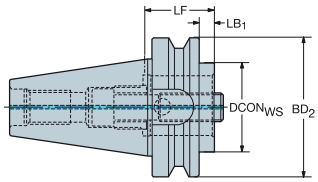
**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**



DSGN 1



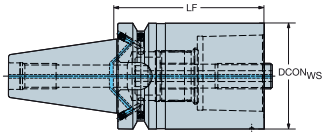

DSGN 2



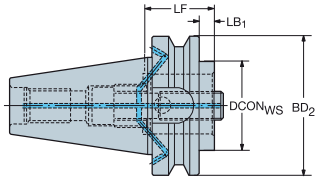

| | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_2$ | BAR | NM | KG |
| 30 | C3 | 1 | 1 | 2 | **C3-390.555-30 040** | M12 | 32.0 | 40.0 | 18.0 | 40.0 | 46.0 | 80 | 45.00 | 0.48 |
| | C4 | 1 | 1 | 2 | **C4-390.555-30 060** | M12 | 40.0 | 60.0 | 38.0 | 60.0 | 46.0 | 80 | 55.00 | 0.67 |
| | C5 | 1 | 1 | 1 | **C5-390.555-30 080** | M12 | 50.0 | 80.0 | 80.0 | | | 80 | 95.00 | 1.08 |



DSGN 1




DSGN 2




| | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_2$ | BAR | NM | KG |
| 40 | C3 | 7 | 1 | 2 | **C3-390B.555-40 030** | M16 | 32.0 | 30.0 | 3.0 | 30.0 | 63.0 | 80 | 45.00 | 1.00 |
| | C4 | 7 | 1 | 2 | **C4-390B.555-40 040** | M16 | 40.0 | 40.0 | 13.0 | 40.0 | 63.0 | 80 | 55.00 | 1.04 |
| | C4 | 7 | 1 | 2 | **C4-390B.555-40 070** | M16 | 40.0 | 70.0 | 43.0 | 70.0 | 63.0 | 80 | 55.00 | 1.32 |
| | C5 | 7 | 1 | 2 | **C5-390B.555-40 050** | M16 | 50.0 | 50.0 | 23.0 | 50.0 | 63.0 | 80 | 95.00 | 1.16 |
| | C5 | 7 | 1 | 2 | **C5-390B.555-40 090** | M16 | 50.0 | 90.0 | 63.0 | 90.0 | 63.0 | 80 | 95.00 | 1.73 |
| | C6 | 7 | 1 | 1 | **C6-390B.555-40 075** | M16 | 63.0 | 75.0 | 75.0 | | | 80 | 170.00 | 1.75 |
| 50 | C3 | 7 | 1 | 2 | **C3-390B.558-50 040** | M24 | 32.0 | 40.0 | 2.0 | 40.0 | 100.0 | 80 | 45.00 | 3.72 |
| | C3 | 7 | 1 | 2 | **C3-390B.558-50 070** | M24 | 32.0 | 70.0 | 32.0 | 70.0 | 100.0 | 80 | 45.00 | 3.82 |
| | C4 | 7 | 1 | 2 | **C4-390B.558-50 040** | M24 | 40.0 | 40.0 | 2.0 | 40.0 | 100.0 | 80 | 55.00 | 3.72 |
| | C4 | 7 | 1 | 2 | **C4-390B.558-50 070** | M24 | 40.0 | 70.0 | 32.0 | 70.0 | 100.0 | 80 | 55.00 | 3.90 |
| | C5 | 7 | 1 | 2 | **C5-390B.558-50 040** | M24 | 50.0 | 40.0 | 2.0 | 40.0 | 100.0 | 80 | 95.00 | 3.59 |
| | C5 | 7 | 1 | 2 | **C5-390B.558-50 080** | M24 | 50.0 | 80.0 | 42.0 | 80.0 | 100.0 | 80 | 95.00 | 4.13 |
| | C6 | 7 | 1 | 2 | **C6-390B.558-50 050** | M24 | 63.0 | 50.0 | 12.0 | 50.0 | 100.0 | 80 | 170.00 | 3.64 |
| | C6 | 7 | 1 | 2 | **C6-390B.558-50 100** | M24 | 63.0 | 100.0 | 62.0 | 100.0 | 100.0 | 80 | 170.00 | 4.75 |
| | C8 | 7 | 1 | 2 | **C8-390B.558-50 070** | M24 | 80.0 | 70.0 | 32.0 | 70.0 | 100.0 | 80 | 170.00 | 4.16 |
| | C8 | 7 | 1 | 2 | **C8-390B.558-50 120** | M24 | 80.0 | 120.0 | 82.0 | 120.0 | 100.0 | 80 | 170.00 | 6.02 |
| | C10 | 7 | 1 | 1 | **C10-390B.558-50 140** | M24 | 100.0 | 140.0 | 140.0 | | | 80 | 380.00 | 8.01 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

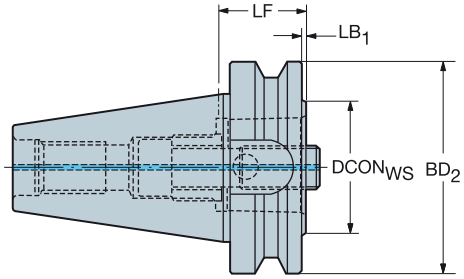
M1 N23 N15

## BIG-PLUS MAS-BT naar Coromant Capto® -adapter

**90° gedraaide polygoon voor nauwkeurige positionering van de snijkanttip**

**Ontworpen voor Mazak™ e-machine en Mori Seiki NT™ -programma**



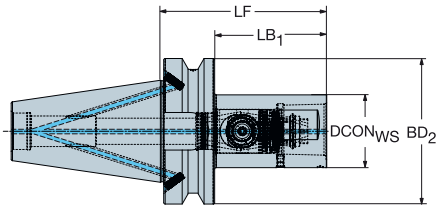



| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 40 | C5 | 1 | 1 | C5-390.562-40 050 | M16 | 50.0 | 50.0 | 23.0 | 63.0 | 80 | 45.00 | 1.16 |
| 50 | C6 | 1 | 1 | C6-390.562-50 050 | M24 | 63.0 | 50.0 | 12.0 | 100.0 | 80 | 65.00 | 3.66 |
| | C8 | 1 | 1 | C8-390.562-50 070 | M24 | 80.0 | 70.0 | 32.0 | 100.0 | 80 | 65.00 | 4.18 |

## BIG-PLUS MAS-BT naar Coromant Capto® -adapter met snelwisselsysteem

**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**

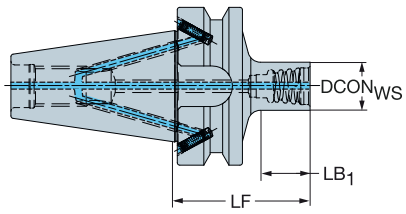





| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | C6 | 7 | 1 | BB50-QC-C6-135 | M24 | 63.0 | 135.0 | 96.0 | 135.0 | 80 | 90.00 | 5.52 |

## BIG-PLUS MAS-BT naar Coromant EH-adapter






| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 30 | E12 | 1 | 1 | EH-BB30-12-044 | M12 | 11.6 | 44.0 | 15.4 | 46.0 | 80 | 15.00 | 0.41 | 25000 |
| | E16 | 1 | 1 | EH-BB30-16-050 | M12 | 15.4 | 50.0 | 22.0 | 46.0 | 80 | 30.00 | 0.43 | 25000 |
| | E20 | 1 | 1 | EH-BB30-20-047 | M12 | 19.2 | 47.0 | 19.4 | 46.0 | 80 | 50.00 | 0.43 | 25000 |
| | E25 | 1 | 1 | EH-BB30-25-052 | M12 | 24.1 | 52.0 | 25.1 | 46.0 | 80 | 65.00 | 0.46 | 25000 |

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M1



N23



N15

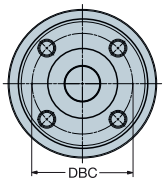

N3

# BIG-PLUS MAS-BT naar doornbevestigingsadapter

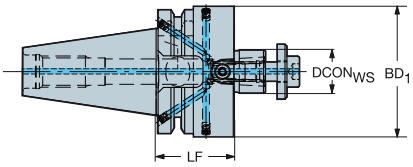
**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**



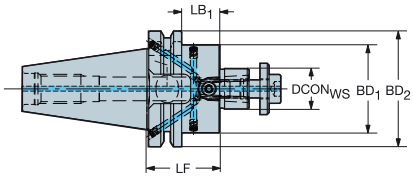
DSGN




1




2

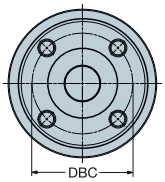


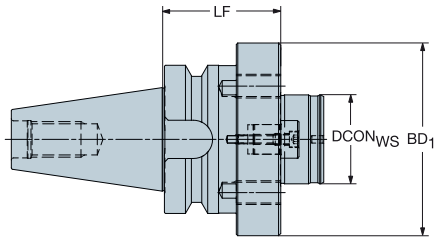

| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | DBC | CRKS | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | BD$_1$ | BD$_2$ | BAR | NM | KG | RPMX |
| 30 | 16 | 1 | 4 | 2 | 392.55505C3016040 | | M12 | 16.0 | 40.0 | 18.0 | 40.0 | 32.0 | 46.0 | 80 | 22.00 | 0.55 | 25000 |
| | 22 | 1 | 4 | 1 | 392.55505C3022040 | | M12 | 22.0 | 40.0 | 40.0 | | 48.0 | | 80 | 45.00 | 0.73 | 25000 |
| | 27 | 1 | 4 | 1 | 392.55505C3027040 | | M12 | 27.0 | 40.0 | 40.0 | | 60.0 | | 80 | 80.00 | 0.91 | 25000 |
| | 32 | 1 | 4 | 1 | 392.55505C3032045 | | M12 | 32.0 | 45.0 | 45.0 | | 78.0 | | 80 | 180.00 | 1.40 | 25000 |
| 40 | 16 | 7 | 4 | 2 | 392.55505C4016050 | | M16 | 16.0 | 50.0 | 23.0 | 50.0 | 32.0 | 63.0 | 80 | 22.00 | 1.18 | 18000 |
| | 22 | 7 | 4 | 2 | 392.55505C4022045 | | M16 | 22.0 | 45.0 | 18.0 | 45.0 | 48.0 | 63.0 | 80 | 45.00 | 1.32 | 18000 |
| | 27 | 7 | 4 | 2 | 392.55505C4027045 | | M16 | 27.0 | 45.0 | 18.0 | 45.0 | 60.0 | 63.0 | 80 | 80.00 | 1.50 | 18000 |
| | 32 | 7 | 4 | 1 | 392.55505C4032050 | | M16 | 32.0 | 50.0 | 50.0 | | 78.0 | | 80 | 180.00 | 2.01 | 18000 |
| | 40S | 7 | 4 | 1 | 392.55505C4040055M | 66.7 | M16 | 40.0 | 55.0 | 55.0 | | 87.0 | | 80 | 300.00 | 2.58 | 18000 |
| 50 | 22 | 7 | 4 | 2 | 392.55805C5022055 | | M24 | 22.0 | 55.0 | 17.0 | 55.0 | 48.0 | 100.0 | 80 | 45.00 | 3.96 | 12000 |
| | 27 | 7 | 4 | 2 | 392.55805C5027055 | | M24 | 27.0 | 55.0 | 17.0 | 55.0 | 60.0 | 100.0 | 80 | 80.00 | 4.14 | 12000 |
| | 32 | 7 | 4 | 2 | 392.55805C5032055 | | M24 | 32.0 | 55.0 | 17.0 | 55.0 | 78.0 | 100.0 | 80 | 180.00 | 4.43 | 12000 |
| | 40S | 7 | 4 | 2 | 392.55805C5040055 | 66.7 | M24 | 40.0 | 55.0 | 17.0 | 55.0 | 87.0 | 100.0 | 80 | 300.00 | 4.69 | 12000 |

# BIG-PLUS MAS-BT naar doornbevestigingsadapter

**Koppeling machinezijde compatibel met ISO 7388-1 en DIN 69871-ADB**






| | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CZC$_{MS}$ | CZC$_{WS}$ | **Bestelnummer** | DBC | CRKS | DCON$_{WS}$ | LF | BD$_1$ | NM | KG | RPMX |
| 50 | 60 | 392.55805-5060080 | 101.6 | M24 | 60.0 | 80.0 | 130.0 | 180.00 | 8.82 | 12000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

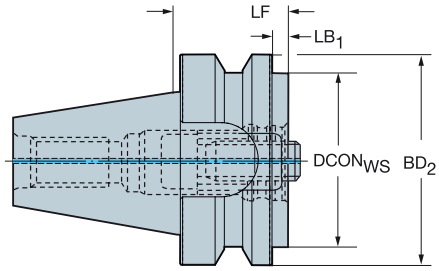
M1 N23 N15

# BIG-PLUS MAS-BT naar VL-adapter

**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**

**Koelvloeistof door het midden**





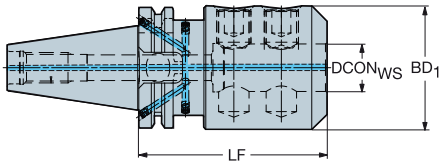

| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | 80 | 1 | 1 | **390.558-50 80 040** | M24 | 80.0 | 40.0 | 2.0 | 100.0 | 80 | 180.00 | 3.50 |

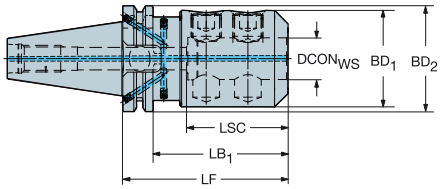
# BIG-PLUS MAS-BT naar Weldon / ISO 9766-adapter

**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**

DSGN 1 2






| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 30 | 16 | 1 | 1 | 1 | **392.55523-3016060** | M12 | 16.0 | 60.0 | 60.0 | | 48.0 | | 20 | 20.00 | 0.86 | 25000 |
| | 20 | 1 | 1 | 1 | **392.55523-3020065** | M12 | 20.0 | 65.0 | 65.0 | | 52.0 | | 20 | 20.00 | 0.97 | 25000 |
| | 25 | 1 | 1 | 1 | **392.55523-3025090** | M12 | 25.0 | 90.0 | 90.0 | | 65.0 | | 20 | 65.00 | 1.80 | 25000 |
| | 32 | 1 | 1 | 1 | **392.55523-3032095** | M12 | 32.0 | 95.0 | 95.0 | | 72.0 | | 20 | 45.00 | 2.16 | 25000 |
| 40 | 16 | 7 | 1 | 2 | **392.55523-4016065** | M16 | 16.0 | 65.0 | 38.0 | 65.0 | 48.0 | 63.0 | 20 | 20.00 | 1.43 | 18000 |
| | 20 | 7 | 1 | 2 | **392.55523-4020065** | M16 | 20.0 | 65.0 | 38.0 | 65.0 | 52.0 | 63.0 | 20 | 20.00 | 1.49 | 18000 |
| | 25 | 7 | 1 | 1 | **392.55523-4025090** | M16 | 25.0 | 90.0 | 90.0 | | 65.0 | | 20 | 25.00 | 2.30 | 18000 |
| | 32 | 7 | 1 | 1 | **392.55523-4032100** | M16 | 32.0 | 100.0 | 100.0 | | 72.0 | | 20 | 45.00 | 2.80 | 18000 |
| | 40 | 7 | 1 | 1 | **392.55523-4040110** | M16 | 40.0 | 110.0 | 110.0 | | 90.0 | | 20 | 45.00 | 4.28 | 18000 |
| 50 | 25 | 7 | 1 | 2 | **392.55823-5025100** | M24 | 25.0 | 100.0 | 62.0 | 100.0 | 65.0 | 100.0 | 20 | 25.00 | 4.94 | 12000 |
| | 32 | 7 | 1 | 2 | **392.55823-5032105** | M24 | 32.0 | 105.0 | 67.0 | 105.0 | 72.0 | 100.0 | 20 | 45.00 | 5.26 | 12000 |
| | 40 | 7 | 1 | 2 | **392.55823-5040115** | M24 | 40.0 | 115.0 | 77.0 | 115.0 | 90.0 | 100.0 | 20 | 45.00 | 6.60 | 12000 |
| | 50 | 7 | 1 | 1 | **392.55823-5050130** | M24 | 50.0 | 130.0 | 100.0 | | 100.0 | | 20 | 60.00 | 7.81 | 12000 |

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Ga voor reserveonderdelen naar www.sandvik.coromant.com

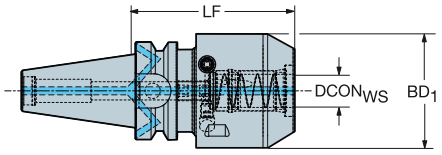
M1 N23 N15

# BIG-PLUS MAS-BT naar CoroChuck™ 930

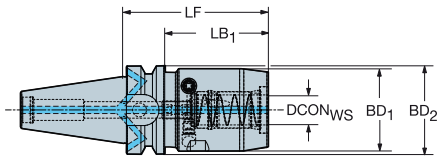
**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**



DSGN 3




6

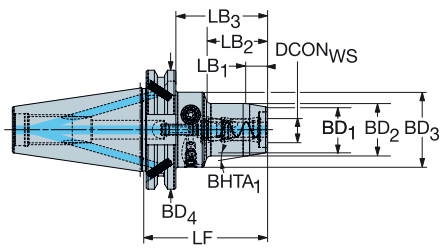



## Heavy duty uitvoering

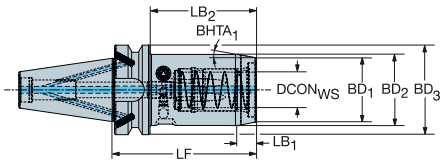
| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm CRKS | DCON$_{WS}$ | LSC | LF | LB$_1$ | LB$_2$ | LB$_3$ | BD$_1$ | BD$_2$ | BD$_3$ | BHTA$_1$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 20 | 7 | 1 | 6 | 930-BB40-HD-20-088 | M16 | 20.0 | 51 | 88.0 | 17.8 | 61.0 | 88.0 | 50.0 | 55.0 | 63.0 | 8° | 80 | 10.00 | 1.95 | 18000 |
| | 25 | 7 | 1 | 3 | 930-BB40-HD-25-094 | M16 | 25.0 | 57 | 94.0 | 18.8 | 94.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 2.40 | 18000 |
| 50 | 20 | 7 | 1 | 6 | 930-BB50-HD-20-102 | M24 | 20.0 | 51 | 102.0 | 17.8 | 64.0 | 102.0 | 50.0 | 55.0 | 100.0 | 8° | 80 | 10.00 | 4.75 | 12000 |
| | 25 | 7 | 1 | 6 | 930-BB50-HD-25-106 | M24 | 25.0 | 57 | 106.0 | 18.8 | 68.0 | 106.0 | 57.0 | 65.0 | 100.0 | 12° | 80 | 10.00 | 5.16 | 12000 |
| | 32 | 7 | 1 | 6 | 930-BB50-HD-32-096 | M24 | 32.0 | 61 | 96.0 | 18.8 | 58.0 | 96.0 | 68.0 | 76.0 | 100.0 | 12° | 80 | 10.00 | 5.25 | 12000 |

DSGN 10






6




## Slanke uitvoering

| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm CRKS | DCON$_{WS}$ | LSC | LF | LB$_1$ | LB$_2$ | LB$_3$ | LB$_4$ | BD$_1$ | BD$_2$ | BD$_3$ | BD$_4$ | BHTA$_1$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 6 | 1 | 1 | 6 | 930-BB30-S-06-048 | M12 | 6.0 | 37 | 48.0 | 9.3 | 12.8 | 48.0 | | 22.0 | 26.0 | 46.0 | | 12° | 80 | 8.00 | 0.56 | 25000 |
| | 8 | 1 | 1 | 6 | 930-BB30-S-08-048 | M12 | 8.0 | 37 | 48.0 | 9.3 | 12.8 | 48.0 | | 24.0 | 28.0 | 46.0 | | 12° | 80 | 8.00 | 0.57 | 25000 |
| | 10 | 1 | 1 | 6 | 930-BB30-S-10-048 | M12 | 10.0 | 41 | 48.0 | 9.3 | 13.8 | 48.0 | | 26.0 | 30.0 | 46.0 | | 12° | 80 | 8.00 | 0.56 | 25000 |
| | 12 | 1 | 1 | 10 | 930-BB30-S-12-082 | M12 | 12.0 | 46 | 82.0 | 11.3 | 38.2 | 60.0 | 82.0 | 28.0 | 32.0 | 40.0 | 46.0 | 10° | 80 | 8.00 | 0.76 | 25000 |
| | 20 | 1 | 1 | 6 | 930-BB30-S-20-088 | M12 | 20.0 | 51 | 88.0 | 16.0 | 66.0 | 88.0 | | 38.0 | 42.0 | 46.0 | | 7° | 80 | 8.00 | 0.94 | 25000 |
| 40 | 6 | 7 | 1 | 10 | 930-BB40-S-06-075 | M16 | 6.0 | 37 | 75.0 | 11.3 | 30.2 | 48.0 | 75.0 | 22.0 | 26.0 | 40.0 | 63.0 | 10° | 80 | 8.00 | 1.23 | 18000 |
| | 8 | 7 | 1 | 10 | 930-BB40-S-08-075 | M16 | 8.0 | 37 | 75.0 | 11.3 | 30.2 | 48.0 | 75.0 | 24.0 | 28.0 | 40.0 | 63.0 | 10° | 80 | 8.00 | 1.25 | 18000 |
| | 10 | 7 | 1 | 10 | 930-BB40-S-10-080 | M16 | 10.0 | 41 | 80.0 | 11.3 | 34.2 | 53.0 | 80.0 | 26.0 | 30.0 | 40.0 | 63.0 | 10° | 80 | 8.00 | 1.29 | 18000 |
| | 12 | 7 | 1 | 10 | 930-BB40-S-12-085 | M16 | 12.0 | 46 | 85.0 | 11.3 | 40.0 | 58.0 | 85.0 | 26.0 | 32.0 | 50.0 | 63.0 | 10° | 80 | 8.00 | 1.40 | 18000 |
| | 20 | 7 | 1 | 10 | 930-BB40-S-20-094 | M16 | 20.0 | 51 | 94.0 | 16.0 | 49.2 | 67.0 | 94.0 | 37.9 | 42.0 | 50.0 | 63.0 | 7° | 80 | 8.00 | 1.62 | 18000 |
| | 25 | 7 | 1 | 6 | 930-BB40-S-25-102 | M16 | 25.0 | 57 | 102.0 | 12.9 | 74.0 | 102.0 | | 45.0 | 50.0 | 63.0 | | 11° | 80 | 10.00 | 1.87 | 18000 |
| 50 | 20 | 7 | 1 | 10 | 930-BB50-S-20-108 | M24 | 20.0 | 51 | 108.0 | 16.0 | 49.2 | 70.0 | 108.0 | 37.9 | 42.0 | 50.0 | 100.0 | 7° | 80 | 8.00 | 4.41 | 12000 |
| | 25 | 7 | 1 | 6 | 930-BB50-S-25-114 | M24 | 25.0 | 57 | 114.0 | 12.9 | 73.5 | 114.0 | | 45.0 | 50.0 | 100.0 | | 11° | 80 | 10.00 | 4.62 | 12000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

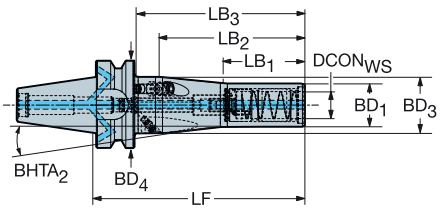
M1 N23 N15 N4

# BIG-PLUS MAS-BT naar CoroChuck™ 930

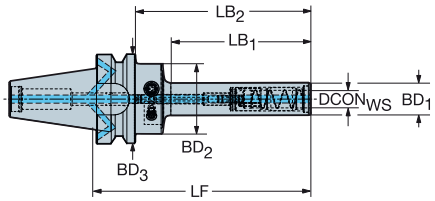
**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**

DSGN 11






DSGN 5

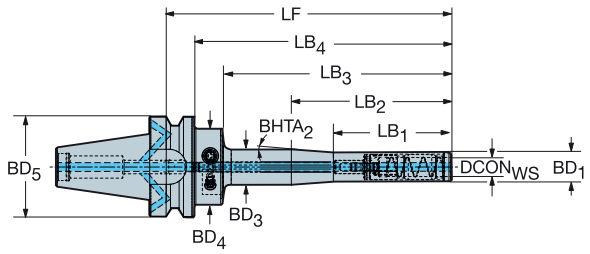



## Potlooduitvoering

| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 30 | 6 | 1 | 1 | 5 | **930-BB30-P-06-088** | M12 | 6.0 | 37 | 88.0 | 50.0 | 66.0 | 88.0 | | 14.5 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.62 | 25000 |
| | 8 | 1 | 1 | 5 | **930-BB30-P-08-088** | M12 | 8.0 | 37 | 88.0 | 45.8 | 66.0 | 88.0 | | 17.5 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.60 | 25000 |
| | 10 | 1 | 1 | 5 | **930-BB30-P-10-098** | M12 | 10.0 | 41 | 98.0 | 55.8 | 76.0 | 98.0 | | 20.0 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.64 | 25000 |
| | 10 | 1 | 1 | 5 | **930-BB30-P-10-138** | M12 | 10.0 | 41 | 138.0 | 95.8 | 116.0 | 138.0 | | 20.0 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.74 | 25000 |
| | 12 | 1 | 1 | 5 | **930-BB30-P-12-103** | M12 | 12.0 | 46 | 103.0 | 65.0 | 81.0 | 103.0 | | 22.0 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.71 | 25000 |
| | 12 | 1 | 1 | 5 | **930-BB30-P-12-138** | M12 | 12.0 | 46 | 138.0 | 100.0 | 116.0 | 138.0 | | 22.0 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.80 | 25000 |
| 40 | 8 | 7 | 1 | 5 | **930-BB40-P-08-095** | M16 | 8.0 | 37 | 95.0 | 45.8 | 65.5 | 95.0 | | 17.5 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.21 | 18000 |
| | 10 | 7 | 1 | 5 | **930-BB40-P-10-105** | M16 | 10.0 | 41 | 105.0 | 55.8 | 75.5 | 105.0 | | 20.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.25 | 18000 |
| | 10 | 7 | 1 | 5 | **930-BB40-P-10-145** | M16 | 10.0 | 41 | 145.0 | 95.8 | 115.5 | 145.0 | | 20.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.35 | 18000 |
| | 12 | 7 | 1 | 5 | **930-BB40-P-12-110** | M16 | 12.0 | 46 | 110.0 | 65.0 | 83.0 | 110.0 | | 22.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.33 | 18000 |
| | 12 | 7 | 1 | 5 | **930-BB40-P-12-145** | M16 | 12.0 | 46 | 145.0 | 100.0 | 118.0 | 145.0 | | 22.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.47 | 18000 |
| | 20 | 7 | 1 | 11 | **930-BB40-P-20-153** | M16 | 20.0 | 51 | 153.0 | 60.0 | 108.0 | 126.0 | 153.0 | 32.0 | 32.0 | 42.0 | 63.0 | 5° | 80 | 8.00 | 1.85 | 18000 |

DSGN 17






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 30 | 12 | 1 | 1 | 17 | **930-BB30-P-12-188** | M12 | 12.0 | 46 | 188.0 | 50.0 | 75.0 | 150.0 | 166.0 | 22.0 | 26.0 | 40.0 | 46 | 4° | 80 | 8.00 | 1.08 | 25000 |
| 40 | 12 | 7 | 1 | 17 | **930-BB40-P-12-195** | M16 | 12.0 | 46 | 195.0 | 50.0 | 75.0 | 150.0 | 168.0 | 22.0 | 26.0 | 40.0 | 63 | 4° | 80 | 8.00 | 1.68 | 18000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

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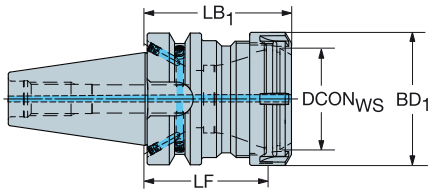
M1 N23 N15 N4

# BIG-PLUS MAS-BT naar ER spantanghouder

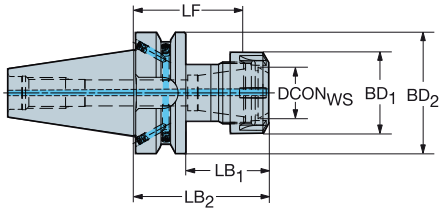
**Koppeling machinezijde compatibel met MAS-BT 403 en JIS B 6339**



DSGN 1




2




**Koppeling werkstukzijde DIN 6499-B**

| | | | | | | Afmetingen, mm | | | | | | | BAR | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | | | RPMX |
| 30 | ER11 | 1 | 1 | 2 | **392.55514-3011050** | M12 | 11.4 | 43.4 | 28.0 | 50.0 | 18.7 | 46.0 | 80 | 0.45 | 25000 |
| | ER16 | 1 | 1 | 2 | **392.55514-3016050** | M12 | 17.0 | 39.4 | 28.0 | 50.0 | 28.0 | 46.0 | 80 | 0.47 | 25000 |
| | ER20 | 1 | 1 | 2 | **392.55514-3020052** | M12 | 21.0 | 40.5 | 30.0 | 52.0 | 33.7 | 46.0 | 80 | 0.49 | 25000 |
| | ER25 | 1 | 1 | 2 | **392.55514-3025060** | M12 | 26.0 | 48.0 | 38.0 | 60.0 | 42.0 | 46.0 | 80 | 0.60 | 25000 |
| | ER32 | 1 | 1 | 1 | **392.55514-3032060** | M12 | 33.0 | 47.0 | 60.0 | | 50.0 | | 80 | 0.64 | 25000 |
| 40 | ER25 | 7 | 1 | 2 | **392.55514-4025070** | M16 | 26.0 | 58.0 | 43.0 | 70.0 | 42.0 | 63.0 | 80 | 1.24 | 18000 |
| | ER40 | 7 | 1 | 1 | **392.55514-4040070** | M16 | 41.0 | 55.0 | 70.0 | | 63.0 | | 80 | 1.39 | 18000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

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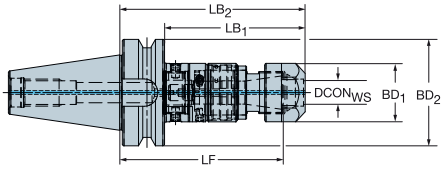
M1 N23 N15

# BIG-PLUS MAS-BT naar CoroChuck™ 970

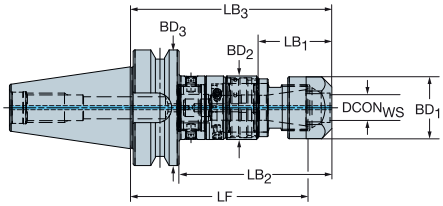
**Koppeling werkstukzijde DIN 6499-B**

DSGN 2






5



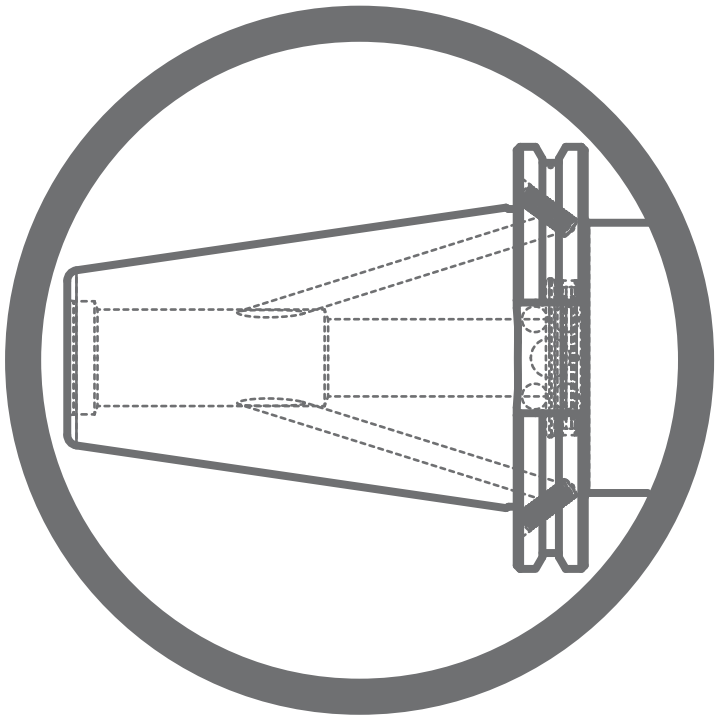

| | | | | | | | Afmetingen, mm | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | TRMAX | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | BAR | KG | RPMX |
| 30 | ER11 | M5 | 1 | 1 | 5 | **970-BB30-11-082** | M12 | 11.3 | 78.2 | 24.1 | 60.0 | 82.0 | 18.7 | 23.5 | 46.0 | 80 | 0.52 | 8000 |
| | ER20 | M12 | 1 | 1 | 5 | **970-BB30-20-105** | M12 | 20.8 | 92.2 | 40.3 | 83.1 | 105.2 | 33.7 | 35.0 | 46.0 | 80 | 0.84 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-BB30-25-125** | M12 | 25.8 | 111.1 | 42.1 | 102.6 | 124.6 | 42.0 | 44.0 | 46.0 | 80 | 1.20 | 8000 |
| 40 | ER20 | M12 | 7 | 1 | 5 | **970-BB40-20-110** | M16 | 20.8 | 97.2 | 40.3 | 83.1 | 110.2 | 33.7 | 35.0 | 63.0 | 80 | 1.43 | 8000 |
| | ER25 | M20 | 7 | 1 | 5 | **970-BB40-25-130** | M16 | 25.8 | 116.1 | 42.1 | 102.6 | 129.6 | 42.0 | 44.0 | 63.0 | 80 | 1.79 | 8000 |
| 50 | ER20 | M12 | 7 | 1 | 5 | **970-BB50-20-125** | M24 | 20.8 | 112.2 | 40.3 | 87.1 | 125.2 | 33.7 | 35.0 | 100.0 | 80 | 4.11 | 8000 |
| | ER25 | M20 | 7 | 1 | 5 | **970-BB50-25-145** | M24 | 25.8 | 131.1 | 42.1 | 106.6 | 144.6 | 42.0 | 44.0 | 100.0 | 80 | 4.50 | 8000 |
| | ER40 | M30 | 7 | 1 | 2 | **970-BB50-40-174** | M24 | 40.8 | 157.2 | 136.0 | 174.0 | | 63.0 | 100.0 | | 80 | 5.66 | 8000 |

BIG-PLUS® SYSTEM in licentie van BIG Daishowa

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15 N5

# Koppeling machinezijde ISO 7388-1

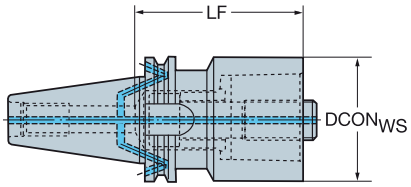


# ISO 7388-1 naar Coromant Capto® adapter

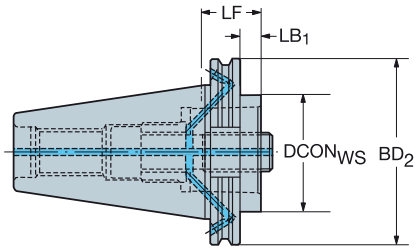
**Koppeling machinezijde compatibel met DIN 69871-ADB**



DSGN 1




2

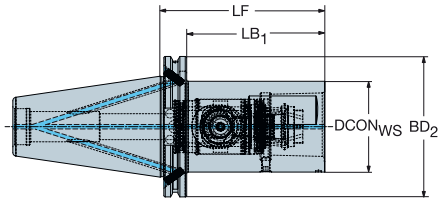



| | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_2$ | BAR | NM | KG |
| 40 | C3 | 7 | 1 | 2 | C3-390B.140-40 030 | M16 | 32.0 | 30.0 | 10.9 | 30.0 | 63.5 | 80 | 45.00 | 0.87 |
| | C3 | 7 | 1 | 2 | C3-390B.140-40 060 | M16 | 32.0 | 60.0 | 40.9 | 60.0 | 63.5 | 80 | 45.00 | 1.02 |
| | C4 | 7 | 1 | 2 | C4-390B.140-40 030 | M16 | 40.0 | 30.0 | 10.9 | 30.0 | 63.5 | 80 | 55.00 | 0.86 |
| | C4 | 7 | 1 | 2 | C4-390B.140-40 060 | M16 | 40.0 | 60.0 | 40.9 | 60.0 | 63.5 | 80 | 55.00 | 1.12 |
| | C5 | 7 | 1 | 2 | C5-390B.140-40 040 | M16 | 50.0 | 40.0 | 20.9 | 40.0 | 63.5 | 80 | 95.00 | 0.96 |
| | C5 | 7 | 1 | 2 | C5-390B.140-40 080 | M16 | 50.0 | 80.0 | 60.9 | 80.0 | 63.5 | 80 | 95.00 | 1.52 |
| | C6 | 7 | 1 | 2 | C6-390B.140-40 085 | M16 | 63.0 | 85.0 | 65.9 | 85.0 | 63.5 | 80 | 170.00 | 1.84 |
| 50 | C3 | 7 | 1 | 2 | C3-390B.140-50 030 | M24 | 32.0 | 30.0 | 10.9 | 30.0 | 97.5 | 80 | 45.00 | 2.73 |
| | C3 | 7 | 1 | 2 | C3-390B.140-50 060 | M24 | 32.0 | 60.0 | 40.9 | 60.0 | 97.5 | 80 | 45.00 | 2.86 |
| | C4 | 7 | 1 | 2 | C4-390B.140-50 030 | M24 | 40.0 | 30.0 | 10.9 | 30.0 | 97.5 | 80 | 55.00 | 2.74 |
| | C4 | 7 | 1 | 2 | C4-390B.140-50 060 | M24 | 40.0 | 60.0 | 40.9 | 60.0 | 97.5 | 80 | 55.00 | 2.96 |
| | C5 | 7 | 1 | 2 | C5-390B.140-50 030 | M24 | 50.0 | 30.0 | 10.9 | 30.0 | 97.5 | 80 | 95.00 | 2.70 |
| | C5 | 7 | 1 | 2 | C5-390B.140-50 070 | M24 | 50.0 | 70.0 | 50.9 | 70.0 | 97.5 | 80 | 95.00 | 3.21 |
| | C6 | 7 | 1 | 2 | C6-390B.140-50 030 | M24 | 63.0 | 30.0 | 10.9 | 30.0 | 97.5 | 80 | 170.00 | 2.62 |
| | C6 | 7 | 1 | 2 | C6-390B.140-50 080 | M24 | 63.0 | 80.0 | 60.9 | 80.0 | 97.5 | 80 | 170.00 | 3.71 |
| | C8 | 7 | 1 | 2 | C8-390B.140-50 070 | M24 | 80.0 | 70.0 | 50.9 | 70.0 | 97.5 | 80 | 170.00 | 3.83 |
| | C8 | 7 | 1 | 2 | C8-390B.140-50 120 | M24 | 80.0 | 120.0 | 100.9 | 120.0 | 97.5 | 80 | 170.00 | 5.69 |
| | C10 | 7 | 1 | 1 | C10-390B.140-50 140 | M24 | 100.0 | 140.0 | 140.0 | | | 80 | 380.00 | 7.66 |
| 60 | C8 | 1 | 1 | 2 | C8-390.140-60 120 | M30 | 80.0 | 120.0 | 100.9 | 120.0 | 155.0 | 80 | 170.00 | 12.57 |
| | C10 | 1 | 1 | 2 | C10-390.140-60 050 | M30 | 100.0 | 50.0 | 30.9 | 50.0 | 155.0 | 80 | 380.00 | 9.35 |

# ISO 7388-1 naar Coromant Capto® -adapter met snelwisselsysteem

**Koppeling machinezijde compatibel met DIN 69871-ADB**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | C5 | 7 | 1 | I50-QC-C5-095 | M24 | 50.0 | 95.0 | 75.0 | 97.4 | 80 | 70.00 | 3.54 |
| | C6 | 7 | 1 | I50-QC-C6-115 | M24 | 63.0 | 115.0 | 95.0 | 97.4 | 80 | 90.00 | 4.43 |
| | C8 | 7 | 1 | I50-QC-C8-135 | M24 | 80.0 | 135.0 | 115.0 | 97.4 | 80 | 130.00 | 6.06 |

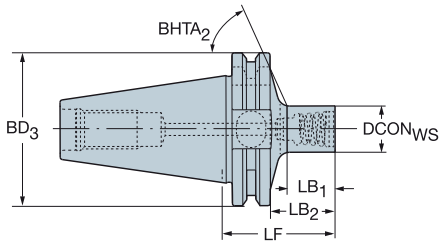
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# ISO 7388-1 naar Coromant EH-adapter

**Koppeling machinezijde compatibel met DIN 69871-AD**

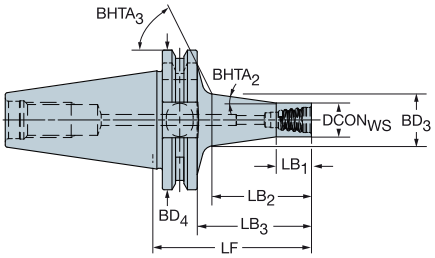





## Korte uitvoering

| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_3$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 40 | E10 | 1 | 1 | 392.140EH-40 10 041 | M16 | 9.6 | 41.0 | 12.7 | 21.9 | 63.5 | 65° | 80 | 12.00 | 0.96 | 18000 |
| | E12 | 1 | 1 | 392.140EH-40 12 044 | M16 | 11.6 | 44.0 | 16.0 | 24.9 | 63.5 | 65° | 80 | 15.00 | 0.97 | 18000 |
| | E16 | 1 | 1 | 392.140EH-40 16 049 | M16 | 15.4 | 49.0 | 21.5 | 29.9 | 63.5 | 65° | 80 | 30.00 | 1.03 | 18000 |
| | E20 | 1 | 1 | 392.140EH-40 20 046 | M16 | 19.2 | 46.0 | 19.0 | 27.0 | 63.5 | 63° | 80 | 50.00 | 1.05 | 18000 |
| | E25 | 1 | 1 | 392.140EH-40 25 051 | M16 | 24.1 | 51.0 | 24.6 | 31.9 | 63.5 | 61° | 80 | 65.00 | 1.09 | 18000 |






## Lange uitvoering

| | | | | | Afmetingen, mm | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_3$ | $BD_4$ | $BHTA_2$ | $BHTA_3$ | BAR | NM | KG | RPMX |
| 40 | E10 | 1 | 1 | 392.140EH-40 10 055 | M16 | 9.6 | 55.0 | 10.0 | 28.1 | 35.9 | 14.7 | 63.5 | 8° | 65° | 80 | 12.00 | 0.97 | 18000 |
| | E12 | 1 | 1 | 392.140EH-40 12 060 | M16 | 11.6 | 60.0 | 12.0 | 33.5 | 40.9 | 17.6 | 63.5 | 8° | 65° | 80 | 15.00 | 1.00 | 18000 |
| | E16 | 1 | 1 | 392.140EH-40 16 071 | M16 | 15.4 | 71.0 | 16.0 | 45.3 | 51.9 | 23.6 | 63.5 | 8° | 63° | 80 | 30.00 | 1.09 | 18000 |
| | E20 | 1 | 1 | 392.140EH-40 20 084 | M16 | 19.2 | 84.0 | 20.0 | 59.1 | 64.9 | 30.2 | 63.5 | 8° | 61° | 80 | 50.00 | 1.19 | 18000 |
| | E25 | 1 | 1 | 392.140EH-40 25 100 | M16 | 24.1 | 100.0 | 25.0 | 76.2 | 80.9 | 38.5 | 63.5 | 8° | 51° | 80 | 65.00 | 1.40 | 18000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

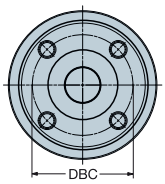
M1 N23 N15 N3

# ISO 7388-1 naar doornbevestigingsadapter

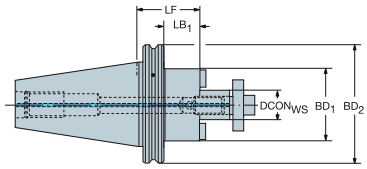
**Koppeling machinezijde compatibel met DIN 69871-ADB**



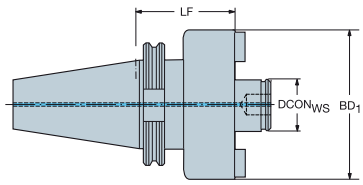
DSGN




2




1




| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | DBC | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 40 | 16 | 7 | 1 | 2 | **A1B05-40 16 035** | | M16 | 16.0 | 35.0 | 15.9 | 35.0 | 36.0 | 63.5 | 80 | 22.00 | 1.04 | 18000 |
| | 16 | 7 | 1 | 2 | **A1B05-40 16 100** | | M16 | 16.0 | 100.0 | 78.9 | 100.0 | 36.0 | 63.5 | 80 | 22.00 | 1.47 | 18000 |
| | 22 | 7 | 1 | 2 | **A1B05-40 22 035** | | M16 | 22.0 | 35.0 | 13.9 | 35.0 | 48.0 | 63.5 | 80 | 45.00 | 1.15 | 18000 |
| | 22 | 7 | 1 | 2 | **A1B05-40 22 100** | | M16 | 22.0 | 100.0 | 78.9 | 100.0 | 48.0 | 63.5 | 80 | 45.00 | 2.02 | 18000 |
| | 27 | 7 | 1 | 2 | **A1B05-40 27 035** | | M16 | 27.0 | 35.0 | 15.0 | 35.0 | 48.0 | 63.5 | 80 | 80.00 | 1.08 | 18000 |
| | 27 | 7 | 1 | 2 | **A1B05-40 27 100** | | M16 | 27.0 | 100.0 | 80.9 | 100.0 | 60.0 | 63.5 | 80 | 80.00 | 2.59 | 18000 |
| | 32 | 7 | 1 | 1 | **A1B05-40 32 050** | | M16 | 32.0 | 50.0 | 50.0 | | 78.0 | | 80 | 180.00 | 1.82 | 18000 |
| 50 | 22 | 7 | 1 | 2 | **A1B05-50 22 035** | | M24 | 22.0 | 35.0 | 15.9 | 35.0 | 48.0 | 97.5 | 80 | 45.00 | 3.00 | 12000 |
| | 22 | 7 | 1 | 2 | **A1B05-50 22 100** | | M24 | 22.0 | 100.0 | 77.9 | 100.0 | 48.0 | 97.5 | 80 | 45.00 | 4.03 | 12000 |
| | 27 | 7 | 1 | 2 | **A1B05-50 27 035** | | M24 | 27.0 | 35.0 | 12.9 | 35.0 | 60.0 | 97.5 | 80 | 80.00 | 3.26 | 12000 |
| | 27 | 7 | 1 | 2 | **A1B05-50 27 100** | | M24 | 27.0 | 100.0 | 77.9 | 100.0 | 60.0 | 97.5 | 80 | 80.00 | 4.68 | 12000 |
| | 32 | 7 | 1 | 2 | **A1B05-50 32 035** | | M24 | 32.0 | 35.0 | 12.9 | 35.0 | 78.0 | 97.5 | 80 | 180.00 | 3.54 | 12000 |
| | 32 | 7 | 1 | 2 | **A1B05-50 32 100** | | M24 | 32.0 | 100.0 | 77.9 | 100.0 | 78.0 | 97.5 | 80 | 180.00 | 5.78 | 12000 |
| | 40S | 7 | 1 | 2 | **A1B05-50 40 050** | 66.7 | M24 | 40.0 | 50.0 | 30.9 | 50.0 | 89.0 | 97.5 | 80 | 300.00 | 4.48 | 12000 |
| | 60 | 7 | 1 | 1 | **A1F05-50 60 070** | 101.6 | M24 | 60.0 | 70.0 | 70.0 | | 127.0 | | 80 | 180.00 | 7.76 | |

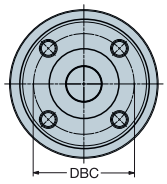
Alle houders worden geleverd met een standaard schroef zonder opening voor koelvloeistof.
Voor frezen met koelvloeistofkanalen is een nieuwe schroef met radiale koelvloeistofopeningen nodig. Deze kan afzonderlijk worden besteld.
Zie pagina M13

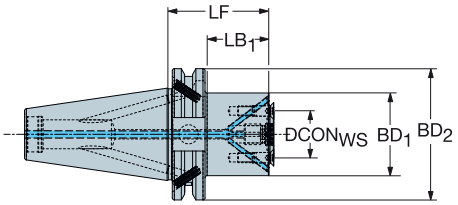
# ISO 7388-1 naar doornbevestigingsadapter met aandrijfschroeven

**Koppeling machinezijde compatibel met DIN 69871-ADB**

**Voor CoroMill® QD met interne koeling**






| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | DBC | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 40 | X10 | 7 | 3 | **I40-X10-032-045** | 22.0 | M16 | 10.0 | 2 | 45.0 | 24.5 | 32.0 | 63.5 | 80 | 6.40 | 1.00 | 12000 |
| | X22 | 7 | 3 | **I40-X22-040-050** | 32.0 | M16 | 22.0 | 2 | 50.0 | 29.5 | 40.0 | 63.5 | 80 | 3.90 | 1.14 | 11000 |
| | X32 | 7 | 3 | **I40-X32-063-070** | 45.0 | M16 | 32.0 | 2 | 70.0 | 50.5 | 63.0 | 63.5 | 80 | 6.40 | 1.89 | 10000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com


M1



N23



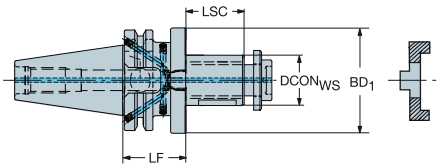
N15

# ISO 7388-1 naar zij- en vlakfrees doornbevestigingsadapter

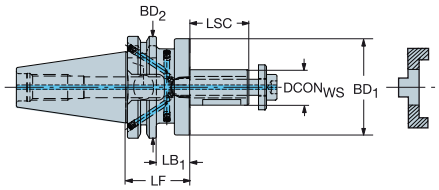
**Koppeling machinezijde compatibel met DIN 69871-ADB**



DSGN 1




DSGN 2



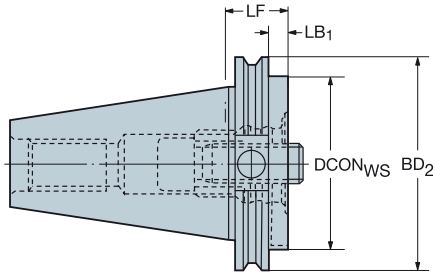

| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG |
| 40 | 22 | 7 | 1 | 2 | **A1B08-40 22 055** | M16 | 22.0 | 31 | 43.0 | 19.9 | 43.0 | 40.0 | 63.5 | 80 | 45.00 | 1.26 |
| | 27 | 7 | 1 | 2 | **A1B08-40 27 055** | M16 | 27.0 | 33 | 43.0 | 22.9 | 43.0 | 48.0 | 63.5 | 80 | 80.00 | 1.45 |
| | 32 | 7 | 1 | 2 | **A1B08-40 32 060** | M16 | 32.0 | 37 | 46.0 | 26.9 | 46.0 | 58.0 | 63.5 | 80 | 180.00 | 1.76 |
| | 40 | 7 | 1 | 1 | **A1B08-40 40 060** | M16 | 40.0 | 41 | 46.0 | 60.0 | | 70.0 | | 80 | 300.00 | 2.38 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# ISO 7388-1 naar VL-adapter

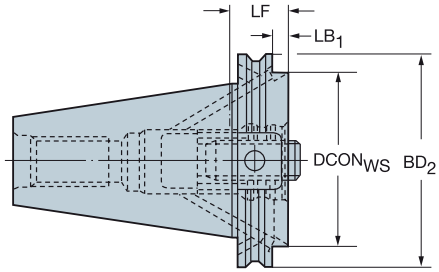





**Koppeling machinezijde compatibel met DIN 69871-AD**

| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | 80 | 1 | 1 | **390.140-50 80 027** | M24 | 80.0 | 27.0 | 7.9 | 97.5 | 20 | 180.00 | 2.88 |






**Koppeling machinezijde compatibel met DIN 69871-B**

| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | 80 | 6 | 1 | **390.272-50 80 027** | M24 | 80.0 | 27.0 | 7.9 | 97.5 | 20 | 180.00 | 2.86 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

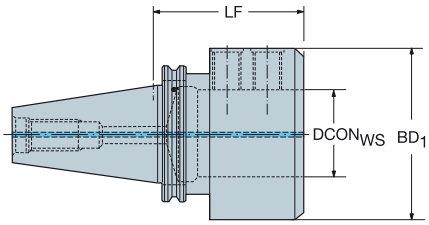
# ISO 7388-1 naar Weldon-adapter

**Koppeling machinezijde compatibel met DIN 69871-ADB**

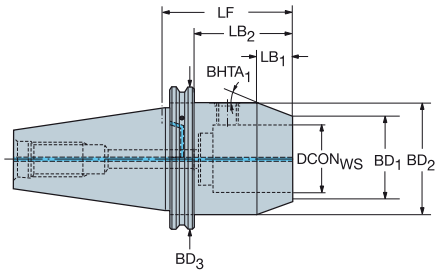
**Koppeling werkstukzijde DIN 6535-HB en DIN 1835-B**

DSGN 3






DSGN 6




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | |
| 40 | 6 | 7 | 1 | 6 | **A1B20-40 06 050** | M16 | 6.0 | 50.0 | 11.0 | 28.9 | 50.0 | 12.3 | 25.0 | 63.5 | 30° | 20 | 3.00 | 0.91 | |
| | 6 | 7 | 1 | 6 | **A1B20-40 06 100** | M16 | 6.0 | 100.0 | 11.0 | 78.9 | 100.0 | 12.3 | 25.0 | 63.5 | 30° | 20 | 3.00 | 1.06 | |
| | 8 | 7 | 1 | 6 | **A1B20-40 08 050** | M16 | 8.0 | 50.0 | 11.0 | 28.9 | 50.0 | 15.3 | 28.0 | 63.5 | 30° | 20 | 7.00 | 0.82 | |
| | 8 | 7 | 1 | 6 | **A1B20-40 08 100** | M16 | 8.0 | 100.0 | 11.0 | 78.9 | 100.0 | 15.3 | 28.0 | 63.5 | 30° | 20 | 7.00 | 1.14 | |
| | 10 | 7 | 1 | 6 | **A1B20-40 10 050** | M16 | 10.0 | 50.0 | 13.0 | 28.9 | 50.0 | 20.0 | 35.0 | 63.5 | 30° | 20 | 10.00 | 0.92 | |
| | 10 | 7 | 1 | 6 | **A1B20-40 10 100** | M16 | 10.0 | 100.0 | 13.0 | 78.9 | 100.0 | 20.0 | 35.0 | 63.5 | 30° | 20 | 10.00 | 1.34 | |
| | 12 | 7 | 1 | 6 | **A1B20-40 12 050** | M16 | 12.0 | 50.0 | 13.0 | 28.9 | 50.0 | 27.0 | 42.0 | 63.5 | 30° | 20 | 12.00 | 1.07 | |
| | 12 | 7 | 1 | 6 | **A1B20-40 12 100** | M16 | 12.0 | 100.0 | 13.0 | 78.9 | 100.0 | 27.0 | 42.0 | 63.5 | 30° | 20 | 12.00 | 1.57 | |
| | 16 | 7 | 1 | 6 | **A1B20-40 16 063** | M16 | 16.0 | 63.0 | 13.0 | 41.9 | 63.0 | 33.0 | 48.0 | 63.5 | 30° | 20 | 15.00 | 1.30 | |
| | 16 | 7 | 1 | 6 | **A1B20-40 16 100** | M16 | 16.0 | 100.0 | 13.0 | 78.9 | 100.0 | 33.0 | 48.0 | 63.5 | 30° | 20 | 15.00 | 1.79 | |
| | 20 | 7 | 1 | 6 | **A1B20-40 20 063** | M16 | 20.0 | 63.0 | 13.0 | 41.9 | 63.0 | 37.0 | 52.0 | 63.5 | 30° | 20 | 20.00 | 1.26 | |
| | 20 | 7 | 1 | 6 | **A1B20-40 20 100** | M16 | 20.0 | 100.0 | 13.0 | 78.9 | 100.0 | 37.0 | 52.0 | 63.5 | 30° | 20 | 20.00 | 1.89 | |
| | 25 | 7 | 1 | 3 | **A1B20-40 25 100** | M16 | 25.0 | 100.0 | 13.0 | 100.0 | | 50.0 | 65.0 | | 30° | 20 | 25.00 | 2.24 | |
| | 32 | 7 | 1 | 3 | **A1B20-40 32 100** | M16 | 32.0 | 100.0 | 12.0 | 100.0 | | 58.1 | 72.0 | | 30° | 20 | 45.00 | 2.54 | |
| 50 | 12 | 7 | 1 | 6 | **A1B20-50 12 063** | M24 | 12.0 | 63.0 | 13.0 | 40.9 | 63.0 | 27.0 | 42.0 | 97.4 | 30° | 20 | 12.00 | 3.00 | |
| | 16 | 7 | 1 | 6 | **A1B20-50 16 063** | M24 | 16.0 | 63.0 | 13.0 | 40.9 | 63.0 | 33.0 | 48.0 | 97.4 | 30° | 20 | 15.00 | 3.20 | |
| | 20 | 7 | 1 | 6 | **A1B20-50 20 063** | M24 | 20.0 | 63.0 | 13.0 | 40.9 | 63.0 | 37.0 | 52.0 | 97.4 | 30° | 20 | 20.00 | 3.26 | |
| | 20 | 7 | 1 | 6 | **A1B20-50 20 100** | M24 | 20.0 | 100.0 | 13.0 | 77.9 | 100.0 | 37.0 | 52.0 | 97.4 | 30° | 20 | 20.00 | 3.87 | |
| | 25 | 7 | 1 | 6 | **A1B20-50 25 080** | M24 | 25.0 | 80.0 | 13.0 | 57.9 | 80.0 | 50.0 | 65.0 | 97.4 | 30° | 20 | 25.00 | 3.92 | |
| | 25 | 7 | 1 | 6 | **A1B20-50 25 100** | M24 | 25.0 | 100.0 | 13.0 | 77.9 | 100.0 | 50.0 | 65.0 | 97.4 | 30° | 20 | 25.00 | 4.45 | |
| | 32 | 7 | 1 | 6 | **A1B20-50 32 100** | M24 | 32.0 | 100.0 | 12.0 | 77.9 | 100.0 | 58.1 | 72.0 | 97.4 | 30° | 20 | 45.00 | 4.60 | |
| | 32 | 7 | 1 | 6 | **A1B20-50 32 160** | M24 | 32.0 | 160.0 | 12.0 | 137.9 | 160.0 | 58.1 | 72.0 | 97.4 | 30° | 20 | 45.00 | 6.60 | |
| | 40 | 7 | 1 | 6 | **A1B20-50 40 120** | M24 | 40.0 | 120.0 | 15.0 | 97.9 | 120.0 | 60.7 | 78.0 | 97.4 | 30° | 20 | 45.00 | 5.50 | |

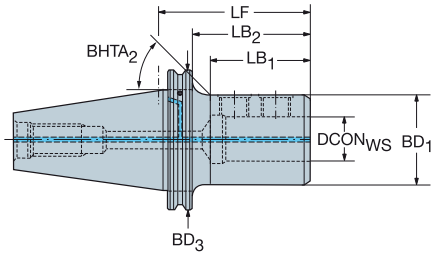
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# ISO 7388-1 naar ISO 9766-adapter

**Koppeling machinezijde compatibel met DIN 69871-ADB**






| | | | | | Afmetingen, mm | | | | | | | BAR | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $BD_1$ | $BD_2$ | | | |
| 40 | 16 | 7 | 1 | **A1B27-40 16 080** | M16 | 16.0 | 49 | 80.0 | 55.9 | 36.0 | 63.5 | 20 | 10.00 | 1.21 |
| | 20 | 7 | 1 | **A1B27-40 20 080** | M16 | 20.0 | 51 | 80.0 | 55.9 | 40.0 | 63.5 | 20 | 12.00 | 1.27 |
| | 25 | 7 | 1 | **A1B27-40 25 085** | M16 | 25.0 | 57 | 85.0 | 64.9 | 45.0 | 63.5 | 20 | 20.00 | 1.38 |
| | 32 | 7 | 1 | **A1B27-40 32 090** | M16 | 32.0 | 61 | 90.0 | 69.9 | 52.0 | 63.5 | 20 | 30.00 | 1.50 |
| 50 | 16 | 7 | 1 | **A1B27-50 16 080** | M24 | 16.0 | 49 | 80.0 | 59.9 | 36.0 | 97.5 | 20 | 10.00 | 3.16 |
| | 20 | 7 | 1 | **A1B27-50 20 080** | M24 | 20.0 | 51 | 80.0 | 59.9 | 40.0 | 97.5 | 20 | 12.00 | 3.20 |
| | 25 | 7 | 1 | **A1B27-50 25 085** | M24 | 25.0 | 57 | 85.0 | 64.9 | 45.0 | 97.5 | 20 | 20.00 | 3.36 |
| | 32 | 7 | 1 | **A1B27-50 32 090** | M24 | 32.0 | 61 | 90.0 | 69.9 | 52.0 | 97.5 | 20 | 30.00 | 3.52 |
| | 40 | 7 | 1 | **A1B27-50 40 090** | M24 | 40.0 | 71 | 90.0 | 69.9 | 75.0 | 97.5 | 20 | 40.00 | 4.40 |
| | 50 | 7 | 1 | **A1B27-50 50 100** | M24 | 50.0 | 81 | 100.0 | 79.9 | 75.0 | 97.5 | 20 | 45.00 | 4.22 |

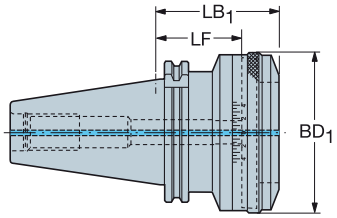
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# ISO 7388-1 naar ISO 9766 instelbare adapter

**Koppeling machinezijde compatibel met DIN 69871-AD**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | BAR | KG | RPMX |
| 40 | 1 | 1 | 1 | **392.140277-40 01 055A** | M16 | 78.0 | 55.0 | 79.6 | 86.0 | 20 | 2.26 | 12000 |
| 50 | 2 | 1 | 1 | **392.140277-50 02 055A** | M24 | 98.0 | 55.0 | 79.6 | 106.0 | 20 | 5.16 | 9000 |
| | 3 | 1 | 1 | **392.140277-50 03 075A** | M24 | 136.0 | 75.0 | 85.0 | 140.0 | 20 | 7.03 | 6000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

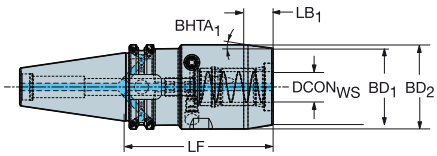
M1 N23

# ISO 7388-1 naar CoroChuck™ 930

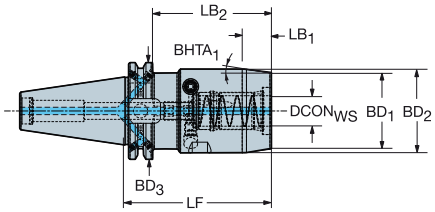
**Koppeling machinezijde compatibel met DIN 69871-ADB**



DSGN 3




DSGN 6

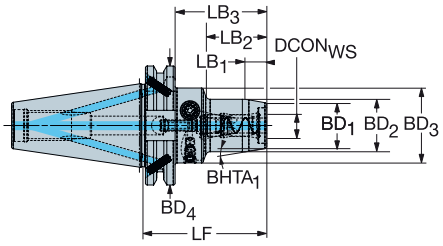



## Heavy duty uitvoering

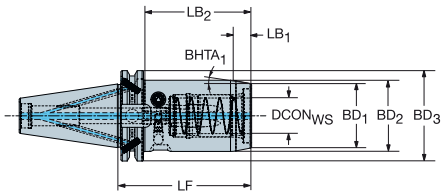
| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG | RPMX | |
| 40 | 20 | 7 | 1 | 6 | **930-I40-HD-20-097** | M16 | 20.0 | 51 | 97.0 | 17.8 | 77.9 | 97.0 | 50.0 | 55.0 | 63.5 | 8° | 80 | 10.00 | 2.03 | 18000 | |
| | 25 | 7 | 1 | 3 | **930-I40-HD-25-103** | M16 | 25.0 | 57 | 103.0 | 18.8 | 103.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 2.48 | 18000 | |
| 50 | 20 | 7 | 1 | 6 | **930-I50-HD-20-083** | M24 | 20.0 | 51 | 83.0 | 17.8 | 63.9 | 83.0 | 50.0 | 55.0 | 97.4 | 8° | 80 | 10.00 | 3.68 | 12000 | |
| | 25 | 7 | 1 | 6 | **930-I50-HD-25-087** | M24 | 25.0 | 57 | 87.0 | 18.8 | 67.9 | 87.0 | 57.0 | 65.0 | 97.4 | 12° | 80 | 10.00 | 4.13 | 12000 | |
| | 32 | 7 | 1 | 6 | **930-I50-HD-32-077** | M24 | 32.0 | 61 | 77.0 | 18.8 | 57.9 | 77.0 | 68.0 | 76.0 | 97.4 | 12° | 80 | 10.00 | 4.24 | 12000 | |
| | 32 | 7 | 1 | 6 | **930-I50-HD-32-170** | M24 | 32.0 | 61 | 170.0 | 18.8 | 150.9 | 170.0 | 68.0 | 76.0 | 97.4 | 12° | 80 | 10.00 | 7.43 | 12000 | |



DSGN 10




DSGN 6




## Slanke uitvoering

| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_1$ | $BHTA_3$ | BAR | NM | KG | RPMX |
| 40 | 6 | 7 | 1 | 10 | **930-I40-S-06-068** | M16 | 6.0 | 37 | 68.0 | 11.3 | 30.2 | 48.9 | 22.0 | 26.0 | 40.0 | 63.5 | 10° | 0° | 80 | 8.00 | 1.06 | 18000 |
| | 8 | 7 | 1 | 10 | **930-I40-S-08-068** | M16 | 8.0 | 37 | 68.0 | 11.3 | 30.2 | 48.9 | 24.0 | 28.0 | 40.0 | 63.5 | 10° | 0° | 80 | 8.00 | 1.07 | 18000 |
| | 10 | 7 | 1 | 10 | **930-I40-S-10-072** | M16 | 10.0 | 41 | 72.0 | 11.3 | 34.2 | 52.9 | 26.0 | 30.0 | 40.0 | 63.5 | 10° | 0° | 80 | 8.00 | 1.11 | 18000 |
| | 12 | 7 | 1 | 10 | **930-I40-S-12-080** | M16 | 12.0 | 46 | 80.0 | 11.3 | 38.2 | 60.9 | 28.0 | 32.0 | 50.0 | 63.5 | 10° | 0° | 80 | 8.00 | 1.32 | 18000 |
| | 20 | 7 | 1 | 10 | **930-I40-S-20-090** | M16 | 20.0 | 51 | 90.0 | 16.0 | 49.2 | 70.9 | 38.0 | 42.0 | 50.0 | 63.5 | 7° | 0° | 80 | 8.00 | 1.50 | 18000 |
| | 25 | 7 | 1 | 6 | **930-I40-S-25-095** | M16 | 25.0 | 57 | 95.0 | 12.9 | 75.0 | 76.0 | 45.0 | 50.0 | 50.0 | 63.5 | 11° | 82° | 80 | 8.00 | 1.71 | 18000 |
| 50 | 20 | 7 | 1 | 10 | **930-I50-S-20-089** | M24 | 20.0 | 51 | 89.0 | 16.0 | 49.2 | 69.9 | 38.0 | 42.0 | 50.0 | 97.4 | 7° | 0° | 80 | 8.00 | 3.34 | 12000 |
| | 25 | 7 | 1 | 6 | **930-I50-S-25-095** | M24 | 25.0 | 57 | 95.0 | 12.9 | 73.5 | 76.0 | 45.0 | 50.0 | 50.0 | 97.4 | 11° | 84° | 80 | 8.00 | 3.57 | 12000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

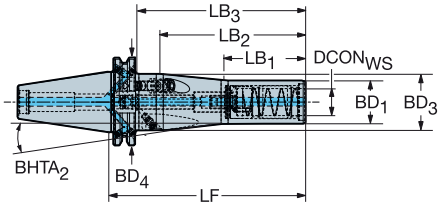
M1 N23 N6 N15 N4

# ISO 7388-1 naar CoroChuck™ 930

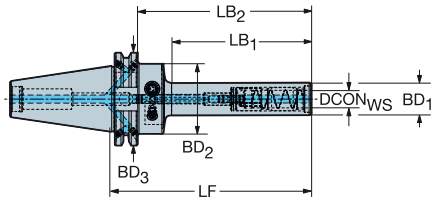
**Koppeling machinezijde compatibel met DIN 69871-ADB**

DSGN 11






DSGN 5

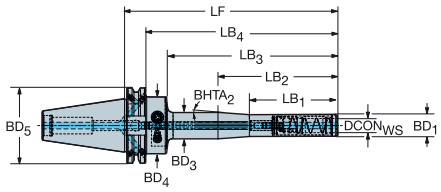



**Potlooduitvoering**

| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 40 | 8 | 7 | 1 | 5 | **930-I40-P-08-088** | M16 | 8.0 | 37 | 88.0 | 45.8 | 66.5 | 88.0 | | 17.5 | 40.0 | 63.5 | | 0° | 80 | 8.00 | 1.04 | 18000 |
| | 10 | 7 | 1 | 5 | **930-I40-P-10-098** | M16 | 10.0 | 41 | 98.0 | 55.8 | 76.5 | 98.0 | | 20.0 | 40.0 | 63.5 | | 0° | 80 | 8.00 | 1.09 | 18000 |
| | 10 | 7 | 1 | 5 | **930-I40-P-10-138** | M16 | 10.0 | 41 | 138.0 | 95.8 | 116.5 | 138.0 | | 20.0 | 40.0 | 63.5 | | 0° | 80 | 8.00 | 1.18 | 18000 |
| | 12 | 7 | 1 | 5 | **930-I40-P-12-103** | M16 | 12.0 | 46 | 103.0 | 60.8 | 83.9 | 103.0 | | 22.0 | 40.0 | 63.5 | | 0° | 80 | 8.00 | 1.17 | 18000 |
| | 12 | 7 | 1 | 5 | **930-I40-P-12-138** | M16 | 12.0 | 46 | 138.0 | 95.8 | 118.9 | 138.0 | | 22.0 | 40.0 | 63.5 | | 0° | 80 | 8.00 | 1.27 | 18000 |
| | 20 | 7 | 1 | 11 | **930-I40-P-20-145** | M16 | 20.0 | 51 | 145.0 | 60.0 | 108.0 | 125.9 | 145.0 | 32.0 | 32.0 | 42.0 | 63.5 | 6° | 80 | 8.00 | 1.68 | 18000 |

DSGN 17






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 40 | 12 | 7 | 1 | 17 | **930-I40-P-12-188** | M16 | 12.0 | 46 | 188.0 | 50.0 | 75.0 | 145.8 | 168.9 | 22.0 | 26.0 | 40.0 | 63 | 4° | 80 | 8.00 | 1.57 | 18000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

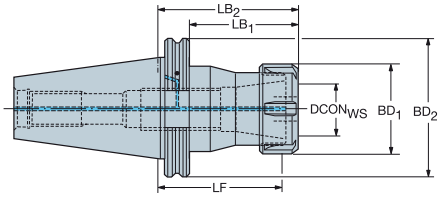
M1 N23 N6 N15 N4

# ISO 7388-1 naar ER spantanghouder

**Koppeling machinezijde compatibel met DIN 69871-ADB**

**Koppeling werkstukzijde DIN 6499-B**






| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | KG | RPMX |
| 40 | ER16 | 7 | 1 | **A1B14-40 16 070** | M16 | 17.0 | 59.7 | 50.9 | 70.0 | 28.0 | 63.5 | 80 | 0.97 | 18000 |
| | ER16 | 7 | 1 | **A1B14-40 16 100** | M16 | 17.0 | 89.7 | 80.9 | 100.0 | 28.0 | 63.5 | 80 | 1.12 | 18000 |
| | ER20 | 7 | 1 | **A1B14-40 20 070** | M16 | 21.0 | 58.8 | 50.9 | 70.0 | 34.0 | 63.5 | 80 | 1.02 | 18000 |
| | ER20 | 7 | 1 | **A1B14-40 20 100** | M16 | 21.0 | 88.8 | 80.9 | 100.0 | 34.0 | 63.5 | 80 | 1.25 | 18000 |
| | ER25 | 7 | 1 | **A1B14-40 25 070** | M16 | 26.0 | 58.3 | 50.9 | 70.0 | 42.0 | 63.5 | 80 | 1.13 | 18000 |
| | ER25 | 7 | 1 | **A1B14-40 25 100** | M16 | 26.0 | 88.3 | 80.9 | 100.0 | 42.0 | 63.5 | 80 | 1.44 | 18000 |
| | ER32 | 7 | 1 | **A1B14-40 32 070** | M16 | 33.0 | 57.3 | 50.9 | 70.0 | 50.0 | 63.5 | 80 | 1.18 | 18000 |
| | ER40 | 7 | 1 | **A1B14-40 40 070** | M16 | 41.0 | 55.3 | 50.9 | 70.0 | 63.0 | 63.5 | 80 | 1.25 | 18000 |
| 50 | ER20 | 7 | 1 | **A1B14-50 20 070** | M24 | 21.0 | 58.8 | 50.9 | 70.0 | 34.0 | 97.5 | 80 | 2.96 | 12000 |
| | ER20 | 7 | 1 | **A1B14-50 20 100** | M24 | 21.0 | 88.8 | 80.9 | 100.0 | 34.0 | 97.5 | 80 | 3.23 | 12000 |
| | ER25 | 7 | 1 | **A1B14-50 25 070** | M24 | 26.0 | 58.3 | 50.9 | 70.0 | 42.0 | 97.5 | 80 | 3.02 | 12000 |
| | ER25 | 7 | 1 | **A1B14-50 25 100** | M24 | 26.0 | 88.3 | 80.9 | 100.0 | 42.0 | 97.5 | 80 | 3.45 | 12000 |
| | ER32 | 7 | 1 | **A1B14-50 32 070** | M24 | 33.0 | 57.3 | 50.9 | 70.0 | 50.0 | 97.5 | 80 | 3.08 | 12000 |
| | ER32 | 7 | 1 | **A1B14-50 32 100** | M24 | 33.0 | 87.3 | 80.9 | 100.0 | 50.0 | 97.5 | 80 | 3.58 | 12000 |
| | ER40 | 7 | 1 | **A1B14-50 40 070** | M24 | 41.0 | 55.3 | 50.9 | 70.0 | 63.0 | 97.5 | 80 | 3.20 | 12000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

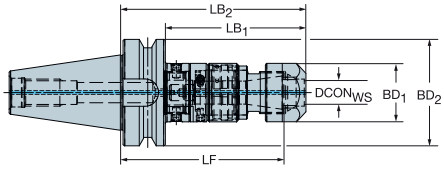
M1 N23 N15

# ISO 7388.1 naar CoroChuck™ 970

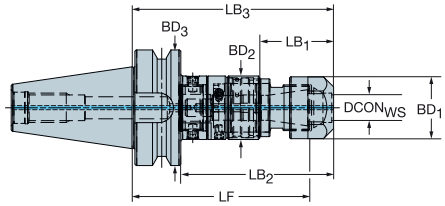
**Koppeling werkstukzijde DIN 6499-B**

DSGN 2






5

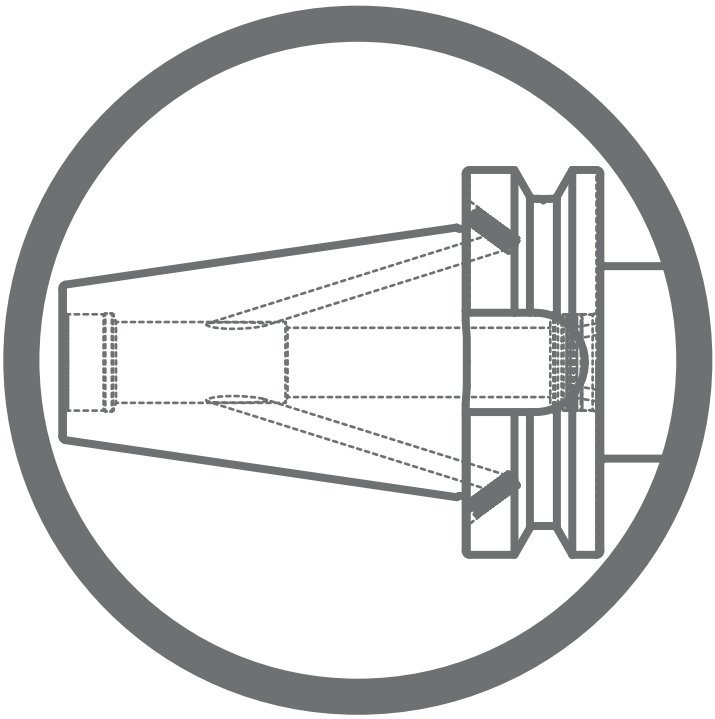



| | | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | TRMAX | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | BAR | KG | RPMX |
| 40 | ER20 | M12 | 1 | 1 | 5 | **970-I40-20-102** | M16 | 20.8 | 89.2 | 35.3 | 78.1 | 97.2 | 33.7 | 35.0 | 63.5 | 80 | 1.26 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-I40-25-122** | M16 | 25.8 | 108.1 | 37.1 | 97.5 | 116.6 | 42.0 | 44.0 | 63.5 | 80 | 1.63 | 8000 |
| | ER32 | M27 | 1 | 1 | 2 | **970-I40-32-125** | M16 | 32.8 | 115.8 | 106.2 | 125.3 | | 50.0 | 63.5 | | 80 | 1.58 | 8000 |
| 50 | ER20 | M12 | 1 | 1 | 5 | **970-I50-20-106** | M24 | 20.8 | 93.2 | 35.3 | 82.1 | 101.2 | 33.7 | 35.0 | 97.5 | 80 | 3.12 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-I50-25-126** | M24 | 25.8 | 112.1 | 37.1 | 101.5 | 120.6 | 42.0 | 44.0 | 97.5 | 80 | 3.75 | 8000 |
| | ER32 | M27 | 1 | 1 | 2 | **970-I50-32-129** | M24 | 32.8 | 119.8 | 110.2 | 129.3 | | 50.0 | 97.5 | | 80 | 3.36 | 8000 |
| | ER40 | M30 | 1 | 1 | 2 | **970-I50-40-155** | M24 | 40.8 | 138.2 | 130.6 | 149.6 | | 63.0 | 97.5 | | 80 | 4.94 | 8000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15 N5

# Koppeling machinezijde MAS-BT

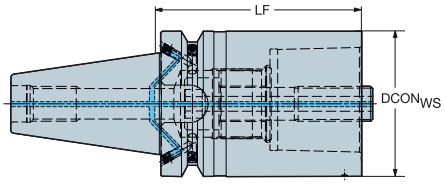


# MAS-BT 403 naar Coromant Capto® adapter

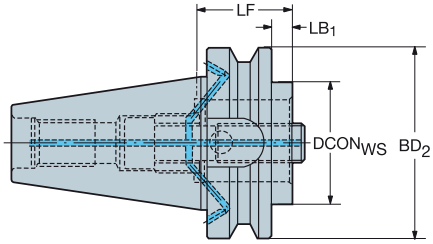
**Koppeling machinezijde compatibel met JIS B 6339**



DSGN 1



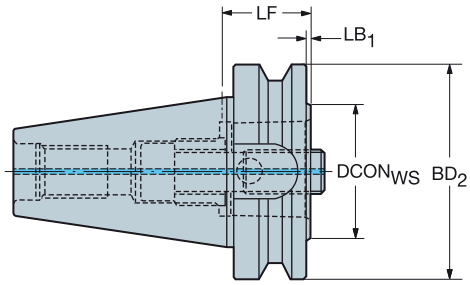

2




| | | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_2$ | BAR | NM | KG |
| 30 | C3 | 1 | 1 | 2 | C3-390.55-30 030 | M12 | 32.0 | 30.0 | 8.0 | 30.0 | 46.0 | 80 | 45.00 | 0.42 |
| | C3 | 1 | 1 | 2 | C3-390.55-30 060 | M12 | 32.0 | 60.0 | 38.0 | 60.0 | 46.0 | 80 | 45.00 | 0.58 |
| | C4 | 1 | 1 | 2 | C4-390.55-30 060 | M12 | 40.0 | 60.0 | 38.0 | 60.0 | 46.0 | 80 | 55.00 | 0.67 |
| | C5 | 1 | 1 | 1 | C5-390.55-30 080 | M12 | 50.0 | 80.0 | 80.0 | | | 80 | 95.00 | 1.07 |
| 40 | C3 | 7 | 1 | 2 | C3-390B.55-40 030 | M16 | 32.0 | 30.0 | 3.0 | 30.0 | 63.0 | 80 | 45.00 | 0.99 |
| | C3 | 7 | 1 | 2 | C3-390B.55-40 060 | M16 | 32.0 | 60.0 | 33.0 | 60.0 | 63.0 | 80 | 45.00 | 1.14 |
| | C4 | 7 | 1 | 2 | C4-390B.55-40 030 | M16 | 40.0 | 30.0 | 3.0 | 30.0 | 63.0 | 80 | 55.00 | 0.95 |
| | C4 | 7 | 1 | 2 | C4-390B.55-40 060 | M16 | 40.0 | 60.0 | 33.0 | 60.0 | 63.0 | 80 | 55.00 | 1.21 |
| | C5 | 7 | 1 | 2 | C5-390B.55-40 050 | M16 | 50.0 | 50.0 | 23.0 | 50.0 | 63.0 | 80 | 95.00 | 1.15 |
| | C5 | 7 | 1 | 2 | C5-390B.55-40 090 | M16 | 50.0 | 90.0 | 63.0 | 90.0 | 63.0 | 80 | 95.00 | 1.72 |
| | C6 | 7 | 1 | 1 | C6-390B.55-40 075 | M16 | 63.0 | 75.0 | 75.0 | | | 80 | 170.00 | 1.74 |
| 50 | C3 | 7 | 1 | 2 | C3-390B.58-50 040 | M24 | 32.0 | 40.0 | 2.0 | 40.0 | 100.0 | 80 | 45.00 | 3.68 |
| | C3 | 7 | 1 | 2 | C3-390B.58-50 070 | M24 | 32.0 | 70.0 | 32.0 | 70.0 | 100.0 | 80 | 45.00 | 3.80 |
| | C4 | 7 | 1 | 2 | C4-390B.58-50 040 | M24 | 40.0 | 40.0 | 2.0 | 40.0 | 100.0 | 80 | 55.00 | 3.65 |
| | C4 | 7 | 1 | 2 | C4-390B.58-50 070 | M24 | 40.0 | 70.0 | 32.0 | 70.0 | 100.0 | 80 | 55.00 | 3.88 |
| | C5 | 7 | 1 | 2 | C5-390B.58-50 040 | M24 | 50.0 | 40.0 | 2.0 | 40.0 | 100.0 | 80 | 95.00 | 3.56 |
| | C5 | 7 | 1 | 2 | C5-390B.58-50 080 | M24 | 50.0 | 80.0 | 42.0 | 80.0 | 100.0 | 80 | 95.00 | 4.09 |
| | C6 | 7 | 1 | 2 | C6-390B.58-50 050 | M24 | 63.0 | 50.0 | 12.0 | 50.0 | 100.0 | 80 | 170.00 | 3.61 |
| | C6 | 7 | 1 | 2 | C6-390B.58-50 100 | M24 | 63.0 | 100.0 | 62.0 | 100.0 | 100.0 | 80 | 170.00 | 4.71 |
| | C8 | 7 | 1 | 2 | C8-390B.58-50 070 | M24 | 80.0 | 70.0 | 32.0 | 70.0 | 100.0 | 80 | 170.00 | 4.12 |
| | C8 | 7 | 1 | 2 | C8-390B.58-50 120 | M24 | 80.0 | 120.0 | 72.0 | 120.0 | 100.0 | 80 | 170.00 | 5.98 |
| | C10 | 7 | 1 | 1 | C10-390B.58-50 140 | M24 | 100.0 | 140.0 | 140.0 | | | 80 | 380.00 | 8.00 |
| 60 | C8 | 1 | 1 | 2 | C8-390.58-60 120 | M30 | 80.0 | 120.0 | 72.0 | 120.0 | 155.0 | 80 | 170.00 | 15.14 |
| | C10 | 1 | 1 | 2 | C10-390.58-60 080 | M30 | 100.0 | 80.0 | 32.0 | 80.0 | 155.0 | 80 | 380.00 | 13.30 |

**90° gedraaide polygoon voor nauwkeurige positionering van de snijkanttip**
**Ontworpen voor Mazak™ e-machine en Mori Seiki NT™ -programma**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 40 | C5 | 1 | 1 | C5-390.605-40 030 | M16 | 50.0 | 30.0 | 3.0 | 63.0 | 80 | 95.00 | 0.88 |
| 50 | C6 | 1 | 1 | C6-390.605-50 040 | M24 | 63.0 | 40.0 | 2.0 | 100.0 | 80 | 170.00 | 3.26 |
| | C8 | 1 | 1 | C8-390.605-50 070 | M24 | 80.0 | 70.0 | 32.0 | 100.0 | 80 | 170.00 | 4.14 |

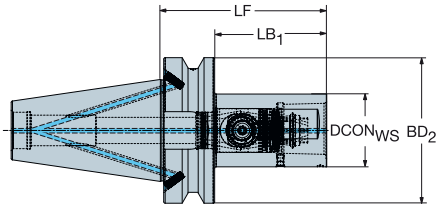
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# MAS-BT 403 naar Coromant Capto® -adapter met snelwisselsysteem

**Koppeling machinezijde compatibel met JIS B 6339**



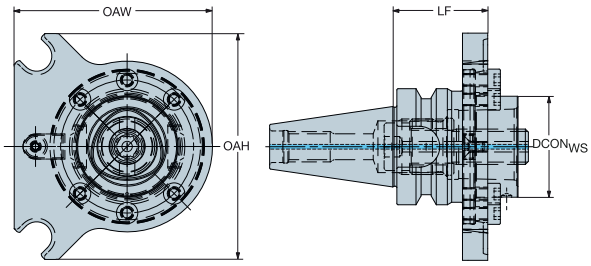



| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | C5 | 7 | 1 | **B50-QC-C5-115** | M24 | 50.0 | 115.0 | 76.0 | 100.0 | 80 | 70.00 | 4.55 |
| | C6 | 7 | 1 | **B50-QC-C6-135** | M24 | 63.0 | 135.0 | 96.0 | 100.0 | 80 | 90.00 | 5.49 |
| | C8 | 7 | 1 | **B50-QC-C8-150** | M24 | 80.0 | 150.0 | 111.0 | 100.0 | 80 | 130.00 | 6.91 |

# MAS-BT 403 naar Coromant Capto® draaiadapter

**Voor Brother Speedio draai-freesbank**

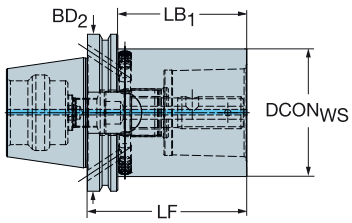





| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{WS}$ | LF | OAW | OAH | BAR | NM | KG |
| 30 | C4 | 1 | 1 | **C4-390.680-30 050Y** | 40.0 | 50.0 | 77.0 | 90.0 | 80 | 55 | 1.0 |

# MAS-BT korte conus naar Coromant Capto® adapter






| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | C8 | 6 | 1 | **C8-390.670-50 100** | 80.0 | 100.0 | 62.0 | 100.0 | 150 | 170.00 | 4.43 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com


M1



N23



N23



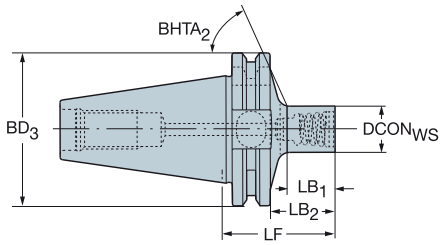
N15

# MAS-BT 403 naar Coromant EH-adapter

**Koppeling machinezijde compatibel met JIS B 6339**

DSGN 7

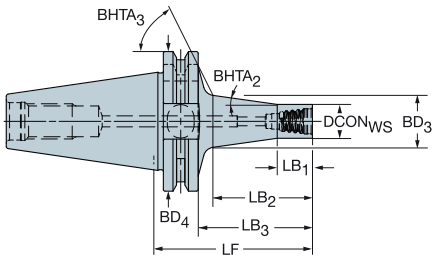





| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_3$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 30 | E10 | 1 | 1 | 7 | 392.55EH-30 10 044 | M12 | 9.6 | 44.0 | 13.3 | 22.0 | 46.0 | 65° | 80 | 12.00 | 0.51 | 25000 |
| | E12 | 1 | 1 | 7 | 392.55EH-30 12 046 | M12 | 11.6 | 46.0 | 15.6 | 24.0 | 46.0 | 64° | 80 | 15.00 | 0.52 | 25000 |
| | E16 | 1 | 1 | 7 | 392.55EH-30 16 041 | M12 | 15.4 | 41.3 | 8.0 | 19.3 | 46.0 | 49° | 80 | 30.00 | 0.57 | 25000 |
| | E16 | 1 | 1 | 7 | 392.55EH-30 16 052 | M12 | 15.4 | 52.0 | 22.1 | 30.0 | 46.0 | 63° | 80 | 30.00 | 0.58 | 25000 |
| | E16 | 1 | 1 | 7 | 392.55EH-30 16 056 | M12 | 15.4 | 56.3 | 16.0 | 34.3 | 46.0 | 35° | 80 | 30.00 | 0.61 | 25000 |
| | E20 | 1 | 1 | 7 | 392.55EH-30 20 049 | M12 | 19.2 | 49.0 | 19.6 | 27.0 | 46.0 | 61° | 80 | 50.00 | 0.59 | 25000 |
| | E20 | 1 | 1 | 7 | 392.55EH-30 20 069 | M12 | 19.2 | 68.7 | 25.0 | 34.7 | 46.0 | 27° | 80 | 50.00 | 0.66 | 25000 |
| | E25 | 1 | 1 | 7 | 392.55EH-30 25 054 | M12 | 24.1 | 54.0 | 25.2 | 32.0 | 46.0 | 58° | 80 | 65.00 | 0.65 | 25000 |
| 40 | E10 | 1 | 1 | 7 | 392.55EH-40 10 051 | M16 | 9.6 | 51.0 | 13.0 | 24.0 | 63.0 | 67° | 80 | 12.00 | 1.16 | 18000 |
| | E12 | 1 | 1 | 7 | 392.55EH-40 12 054 | M16 | 11.6 | 54.0 | 16.3 | 27.0 | 63.0 | 67° | 80 | 15.00 | 1.18 | 18000 |
| | E16 | 1 | 1 | 7 | 392.55EH-40 16 060 | M16 | 15.4 | 60.0 | 22.8 | 33.0 | 63.0 | 66° | 80 | 30.00 | 1.23 | 18000 |
| | E20 | 1 | 1 | 7 | 392.55EH-40 20 056 | M16 | 19.2 | 56.0 | 19.3 | 29.0 | 63.0 | 66° | 80 | 50.00 | 1.25 | 18000 |
| | E25 | 1 | 1 | 7 | 392.55EH-40 25 062 | M16 | 24.1 | 62.0 | 26.0 | 35.0 | 63.0 | 65° | 80 | 65.00 | 1.30 | 18000 |

DSGN 15






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_3$ | $BD_4$ | $BHTA_2$ | $BHTA_3$ | BAR | NM | KG | RPMX |
| 30 | E10 | 1 | 1 | 15 | 392.55EH-30 10 057 | M12 | 9.6 | 57.0 | 10.0 | 27.6 | 35.0 | 14.6 | 46.0 | 7° | 65° | 80 | 12.00 | 0.51 | 25000 |
| | E12 | 1 | 1 | 15 | 392.55EH-30 12 063 | M12 | 11.6 | 63.0 | 12.0 | 34.1 | 41.0 | 17.8 | 46.0 | 8° | 64° | 80 | 15.00 | 0.54 | 25000 |
| | E16 | 1 | 1 | 15 | 392.55EH-30 16 074 | M12 | 15.4 | 74.0 | 16.0 | 45.9 | 52.0 | 23.8 | 46.0 | 8° | 61° | 80 | 30.00 | 0.64 | 25000 |
| | E20 | 1 | 1 | 15 | 392.55EH-30 20 086 | M12 | 19.2 | 86.0 | 20.0 | 58.7 | 64.0 | 30.1 | 46.0 | 8° | 56° | 80 | 50.00 | 0.73 | 25000 |
| | E25 | 1 | 1 | 15 | 392.55EH-30 25 077 | M12 | 24.1 | 77.0 | 25.0 | 49.9 | 55.0 | 31.1 | 46.0 | 8° | 55° | 80 | 65.00 | 0.75 | 25000 |
| 40 | E10 | 1 | 1 | 15 | 392.55EH-40 10 065 | M16 | 9.6 | 65.0 | 10.0 | 28.4 | 38.0 | 14.8 | 63.0 | 8° | 68° | 80 | 12.00 | 1.18 | 18000 |
| | E12 | 1 | 1 | 15 | 392.55EH-40 12 070 | M16 | 11.6 | 70.0 | 12.0 | 33.8 | 43.0 | 17.7 | 63.0 | 8° | 67° | 80 | 15.00 | 1.20 | 18000 |
| | E16 | 1 | 1 | 15 | 392.55EH-40 16 081 | M16 | 15.4 | 81.0 | 16.0 | 45.6 | 54.0 | 23.7 | 63.0 | 8° | 66° | 80 | 30.00 | 1.29 | 18000 |
| | E20 | 1 | 1 | 15 | 392.55EH-40 20 094 | M16 | 19.2 | 94.0 | 20.0 | 59.5 | 67.0 | 30.3 | 63.0 | 8° | 65° | 80 | 50.00 | 1.39 | 18000 |
| | E25 | 1 | 1 | 15 | 392.55EH-40 25 108 | M16 | 24.1 | 108.0 | 25.0 | 74.5 | 81.0 | 38.0 | 63.0 | 8° | 62° | 80 | 65.00 | 1.59 | 18000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

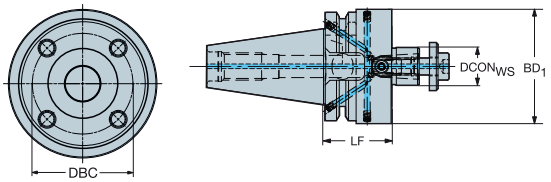
N23 N15 N3

# MAS-BT 403 naar doornbevestigingsadapter

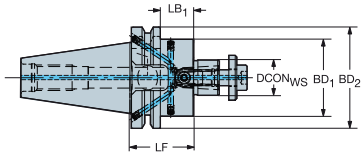
**Koppeling machinezijde compatibel met JIS B 6339**



DSGN 1




2




| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | DBC | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 30 | 16 | 1 | 1 | 2 | **A205-30 16 035** | | M12 | 16.0 | 35.0 | 13.0 | 35.0 | 36.0 | 46.0 | 80 | 22.00 | 0.54 | 25000 |
| | 22 | 1 | 1 | 2 | **A205-30 22 035** | | M12 | 22.0 | 35.0 | 11.9 | 35.0 | 42.0 | 46.0 | 80 | 45.00 | 0.63 | 25000 |
| | 27 | 1 | 1 | 2 | **A205-30 27 035** | | M12 | 27.0 | 35.0 | 13.0 | 35.0 | 42.0 | 46.0 | 80 | 80.00 | 0.67 | 25000 |
| | 32 | 1 | 1 | 1 | **A205-30 32 050** | | M12 | 32.0 | 50.0 | 50.0 | | 78.0 | | 80 | 180.00 | 1.40 | 25000 |
| 40 | 16 | 7 | 1 | 2 | **A2B05-40 16 035** | | M16 | 16.0 | 35.0 | 8.0 | 35.0 | 36.0 | 63.0 | 80 | 22.00 | 0.96 | 18000 |
| | 16 | 7 | 1 | 2 | **A2B05-40 16 100** | | M16 | 16.0 | 100.0 | 71.0 | 100.0 | 36.0 | 63.0 | 80 | 22.00 | 1.58 | 18000 |
| | 22 | 7 | 1 | 2 | **A2B05-40 22 035** | | M16 | 22.0 | 35.0 | 6.0 | 35.0 | 48.0 | 63.0 | 80 | 45.00 | 1.20 | 18000 |
| | 22 | 7 | 1 | 2 | **A2B05-40 22 100** | | M16 | 22.0 | 100.0 | 71.0 | 100.0 | 48.0 | 63.0 | 80 | 45.00 | 2.07 | 18000 |
| | 27 | 7 | 1 | 2 | **A2B05-40 27 035** | | M16 | 27.0 | 35.0 | 6.0 | 35.0 | 48.0 | 63.0 | 80 | 80.00 | 1.26 | 18000 |
| | 27 | 7 | 1 | 2 | **A2B05-40 27 100** | | M16 | 27.0 | 100.0 | 71.0 | 100.0 | 59.0 | 63.0 | 80 | 80.00 | 2.66 | 18000 |
| | 32 | 7 | 1 | 1 | **A2B05-40 32 065** | | M16 | 32.0 | 65.0 | 65.0 | | 78.0 | | 80 | 180.00 | 2.35 | 18000 |
| | 40S | 7 | 1 | 1 | **A2B05-40 40 070** | 66.7 | M16 | 40.0 | 70.0 | 70.0 | | 87.0 | | 80 | 300.00 | 3.08 | 18000 |
| 50 | 22 | 7 | 4 | 2 | **A2B05-50 22 055** | | M24 | 22.0 | 55.0 | 14.0 | 55.0 | 48.0 | 100.0 | 80 | 45.00 | 4.06 | 12000 |
| | 22 | 7 | 1 | 2 | **A2B05-50 22 100** | | M24 | 22.0 | 100.0 | 59.0 | 100.0 | 48.0 | 100.0 | 80 | 45.00 | 4.79 | 12000 |
| | 27 | 7 | 1 | 2 | **A2B05-50 27 055** | | M24 | 27.0 | 55.0 | 14.0 | 55.0 | 60.0 | 100.0 | 80 | 80.00 | 4.26 | 12000 |
| | 27 | 7 | 1 | 2 | **A2B05-50 27 100** | | M24 | 27.0 | 100.0 | 59.0 | 100.0 | 60.0 | 100.0 | 80 | 80.00 | 5.28 | 12000 |
| | 32 | 7 | 1 | 2 | **A2B05-50 32 055** | | M24 | 32.0 | 55.0 | 14.0 | 55.0 | 78.0 | 100.0 | 80 | 180.00 | 4.62 | 12000 |
| | 32 | 7 | 1 | 2 | **A2B05-50 32 100** | | M24 | 32.0 | 100.0 | 59.0 | 100.0 | 78.0 | 100.0 | 80 | 180.00 | 6.31 | 12000 |
| | 40S | 7 | 1 | 2 | **A2B05-50 40 055** | 66.7 | M24 | 40.0 | 55.0 | 14.0 | 55.0 | 89.0 | 100.0 | 80 | 300.00 | 5.04 | 12000 |
| | 60 | 7 | 1 | 1 | **A2F05-50 60 080** | 101.6 | M24 | 60.0 | 80.0 | 80.0 | | 127.0 | | 80 | 180.00 | 7.78 | 12000 |

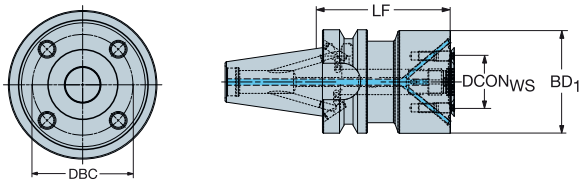
Alle houders worden geleverd met een standaard schroef zonder opening voor koelvloeistof.
Voor frezen met koelvloeistofkanalen is een nieuwe schroef met radiale koelvloeistofopeningen nodig. Deze kan afzonderlijk worden besteld.
Zie pagina M13

# MAS-BT naar doornbevestigingsadapter met aandrijfschroeven

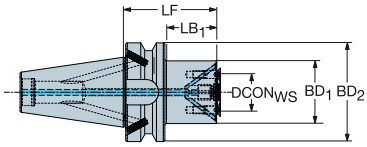
**Koppeling machinezijde compatibel met JIS B 6339**



DSGN 1




2




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | DBC | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 30 | X10 | 1 | 3 | 2 | **B30-X10-032-050** | 22.0 | M12 | 10.0 | 2 | 50.0 | 27.0 | 50.0 | 32.0 | 46.0 | 80 | 6.40 | 0.60 | 12000 |
| | X22 | 1 | 3 | 2 | **B30-X22-040-055** | 32.0 | M12 | 22.0 | 2 | 55.0 | 32.0 | 55.0 | 40.0 | 46.0 | 80 | 3.90 | 0.73 | 11000 |
| 40 | X10 | 7 | 3 | 2 | **B40-X10-032-055** | 22.0 | M16 | 10.0 | 2 | 55.0 | 27.0 | 55.0 | 32.0 | 63.0 | 80 | 6.40 | 1.18 | 12000 |
| | X22 | 7 | 3 | 2 | **B40-X22-040-060** | 32.0 | M16 | 22.0 | 2 | 60.0 | 32.0 | 60.0 | 40.0 | 63.0 | 80 | 3.90 | 1.33 | 11000 |
| | X32 | 7 | 3 | 1 | **B40-X32-063-080** | 45.0 | M16 | 32.0 | 2 | 80.0 | 80.0 | | 63.0 | | 80 | 6.40 | 2.28 | 10000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com


M1



N23



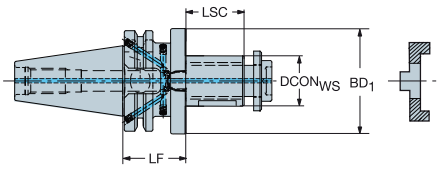
N15

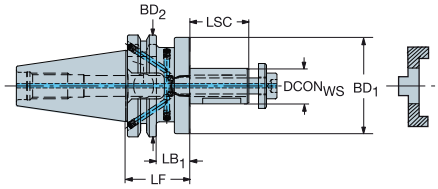
# MAS-BT 403 naar zij- en vlakfrees doornbevestigingsadapter

**Koppeling machinezijde compatibel met JIS B 6339**

DSGN 1 2






| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | DCON$_{WS}$ | LSC | LF | LB$_1$ | LB$_2$ | BD$_1$ | BD$_2$ | BAR | NM | KG | RPMX |
| 30 | 22 | 1 | 1 | 2 | **A208-30 22 047** | M12 | 22.0 | 31 | 35.0 | 13.0 | 35.0 | 40.0 | 46.0 | 80 | 45.00 | 0.71 | 25000 |
| | 27 | 1 | 1 | 1 | **A208-30 27 050** | M12 | 27.0 | 33 | 38.0 | 38.0 | | 48.0 | | 80 | 80.00 | 0.87 | 25000 |
| 40 | 22 | 7 | 1 | 2 | **A2B08-40 22 055** | M16 | 22.0 | 31 | 43.0 | 12.0 | 43.0 | 40.0 | 63.0 | 80 | 45.00 | 1.35 | 18000 |
| | 27 | 7 | 1 | 2 | **A2B08-40 27 055** | M16 | 27.0 | 33 | 43.0 | 15.0 | 43.0 | 48.0 | 63.0 | 80 | 80.00 | 1.51 | 18000 |
| | 32 | 7 | 1 | 2 | **A2B08-40 32 060** | M16 | 32.0 | 38 | 46.0 | 18.0 | 46.0 | 58.0 | 63.0 | 80 | 180.00 | 1.86 | 18000 |
| | 40 | 7 | 1 | 1 | **A2B08-40 40 070** | M16 | 40.0 | 41 | 56.0 | 56.0 | | 70.0 | | 80 | 300.00 | 2.70 | 18000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

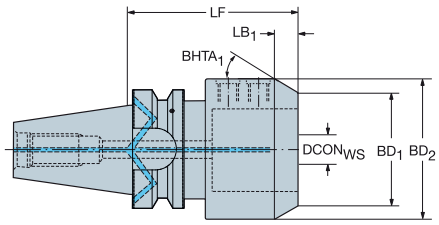
# MAS-BT 403 naar Weldon-adapter

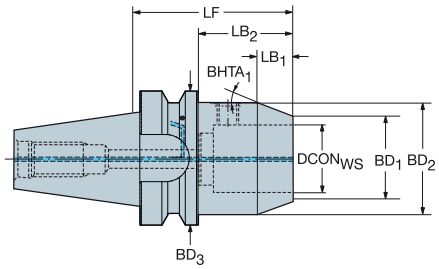
**Koppeling machinezijde compatibel met JIS B 6339**

**Koppeling werkstukzijde DIN 6535-HB en DIN 1835-B**

DSGN 3 6






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | $BHTA_1$ | BAR | NM | KG |
| 30 | 12 | 1 | 1 | 6 | **A2B20-30 12 052** | M12 | 12.0 | 52.0 | 12.6 | 28.9 | 52.0 | 27.0 | 41.5 | 46.0 | 30° | 20 | 12.00 | 0.63 |
| | 16 | 1 | 1 | 3 | **A2B20-30 16 063** | M12 | 16.0 | 63.0 | 12.6 | 63.0 | | 33.0 | 47.5 | | 30° | 20 | 15.00 | 0.83 |
| | 20 | 1 | 1 | 3 | **A2B20-30 20 063** | M12 | 20.0 | 63.0 | 12.6 | 63.0 | | 37.0 | 51.5 | | 30° | 20 | 20.00 | 0.87 |
| 40 | 6 | 7 | 1 | 6 | **A2B20-40 06 100** | M16 | 6.0 | 100.0 | 11.0 | 71.0 | 100.0 | 12.3 | 25.0 | 63.0 | 30° | 20 | 3.00 | 1.21 |
| | 8 | 7 | 1 | 6 | **A2B20-40 08 100** | M16 | 8.0 | 100.0 | 11.0 | 71.0 | 100.0 | 15.3 | 28.0 | 63.0 | 30° | 20 | 7.00 | 1.27 |
| | 10 | 7 | 1 | 6 | **A2B20-40 10 100** | M16 | 10.0 | 100.0 | 13.0 | 71.0 | 100.0 | 20.0 | 35.0 | 63.0 | 30° | 20 | 10.00 | 1.44 |
| | 12 | 7 | 1 | 6 | **A2B20-40 12 063** | M16 | 12.0 | 63.0 | 13.0 | 34.0 | 63.0 | 27.0 | 42.0 | 63.0 | 30° | 20 | 12.00 | 1.12 |
| | 12 | 7 | 1 | 6 | **A2B20-40 12 100** | M16 | 12.0 | 100.0 | 13.0 | 71.0 | 100.0 | 27.0 | 42.0 | 63.0 | 30° | 20 | 12.00 | 1.66 |
| | 16 | 7 | 1 | 6 | **A2B20-40 16 063** | M16 | 16.0 | 63.0 | 13.0 | 34.0 | 63.0 | 33.0 | 48.0 | 63.0 | 30° | 20 | 15.00 | 1.35 |
| | 16 | 7 | 1 | 6 | **A2B20-40 16 100** | M16 | 16.0 | 100.0 | 13.0 | 71.0 | 100.0 | 33.0 | 48.0 | 63.0 | 30° | 20 | 15.00 | 1.84 |
| | 20 | 7 | 1 | 6 | **A2B20-40 20 063** | M16 | 20.0 | 63.0 | 13.0 | 34.0 | 63.0 | 37.0 | 52.0 | 63.0 | 30° | 20 | 20.00 | 1.37 |
| | 20 | 7 | 1 | 6 | **A2B20-40 20 100** | M16 | 20.0 | 100.0 | 13.0 | 71.0 | 100.0 | 37.0 | 52.0 | 63.0 | 30° | 20 | 20.00 | 1.96 |
| | 25 | 7 | 1 | 6 | **A2B20-40 25 090** | M16 | 25.0 | 90.0 | 13.0 | 61.0 | 90.0 | 44.0 | 59.0 | 63.0 | 30° | 20 | 25.00 | 1.73 |
| | 32 | 7 | 1 | 3 | **A2B20-40 32 100** | M16 | 32.0 | 100.0 | 13.0 | 100.0 | | 57.0 | 72.0 | | 30° | 20 | 45.00 | 2.40 |
| 50 | 6 | 7 | 1 | 6 | **A2B20-50 06 063** | M24 | 6.0 | 63.0 | 11.0 | 22.0 | 63.0 | 12.3 | 25.0 | 100.0 | 30° | 20 | 3.00 | 3.81 |
| | 8 | 7 | 1 | 6 | **A2B20-50 08 063** | M24 | 8.0 | 63.0 | 11.0 | 22.0 | 63.0 | 15.3 | 28.0 | 100.0 | 30° | 20 | 7.00 | 3.84 |
| | 10 | 7 | 1 | 6 | **A2B20-50 10 070** | M24 | 10.0 | 70.0 | 13.0 | 29.0 | 70.0 | 20.0 | 35.0 | 100.0 | 30° | 20 | 10.00 | 3.90 |
| | 12 | 7 | 1 | 6 | **A2B20-50 12 080** | M24 | 12.0 | 80.0 | 13.0 | 36.0 | 80.0 | 26.8 | 42.0 | 100.0 | 30° | 20 | 12.00 | 4.04 |
| | 16 | 7 | 1 | 6 | **A2B20-50 16 080** | M24 | 16.0 | 80.0 | 13.0 | 39.0 | 80.0 | 33.0 | 48.0 | 100.0 | 30° | 20 | 15.00 | 4.16 |
| | 20 | 7 | 1 | 6 | **A2B20-50 20 080** | M24 | 20.0 | 80.0 | 13.0 | 39.0 | 80.0 | 37.0 | 52.0 | 100.0 | 30° | 20 | 20.00 | 4.18 |
| | 20 | 7 | 1 | 6 | **A2B20-50 20 100** | M24 | 20.0 | 100.0 | 13.0 | 59.0 | 100.0 | 37.0 | 52.0 | 100.0 | 30° | 20 | 20.00 | 4.58 |
| | 25 | 7 | 1 | 6 | **A2B20-50 25 100** | M24 | 25.0 | 100.0 | 13.0 | 59.0 | 100.0 | 50.0 | 65.0 | 100.0 | 30° | 20 | 25.00 | 4.90 |
| | 25 | 7 | 1 | 6 | **A2B20-50 25 160** | M24 | 25.0 | 160.0 | 13.0 | 119.0 | 160.0 | 50.0 | 65.0 | 100.0 | 30° | 20 | 25.00 | 6.62 |
| | 32 | 7 | 1 | 6 | **A2B20-50 32 105** | M24 | 32.0 | 105.0 | 12.0 | 64.0 | 105.0 | 58.1 | 72.0 | 100.0 | 30° | 20 | 45.00 | 5.30 |
| | 32 | 7 | 1 | 6 | **A2B20-50 32 160** | M24 | 32.0 | 160.0 | 12.0 | 119.0 | 160.0 | 58.1 | 72.0 | 100.0 | 30° | 20 | 45.00 | 7.20 |
| | 40 | 7 | 1 | 6 | **A2B20-50 40 115** | M24 | 40.0 | 115.0 | 15.0 | 74.0 | 115.0 | 60.7 | 78.0 | 100.0 | 30° | 20 | 45.00 | 5.60 |

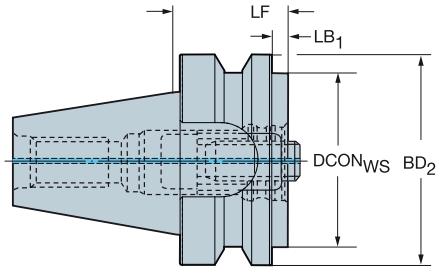
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# MAS-BT 403 naar VL-adapter

**Koppeling machinezijde compatibel met JIS B 6339**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | BAR | NM | KG |
| 50 | 80 | 1 | 1 | **390.58-50 80 040** | M24 | 80.0 | 40.0 | 2.0 | 100.0 | 20 | 180.00 | 3.63 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

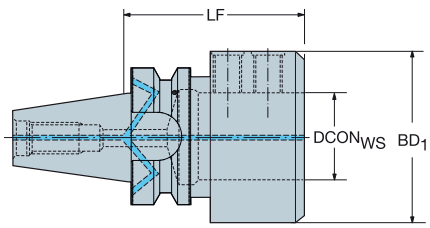
M1 N23 N15

# MAS-BT 403 naar ISO 9766-adapter

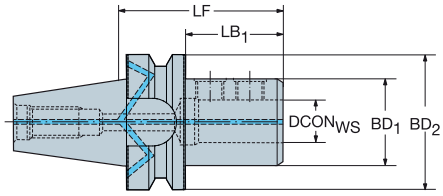
**Koppeling machinezijde compatibel met JIS B 6339**



DSGN 1




2

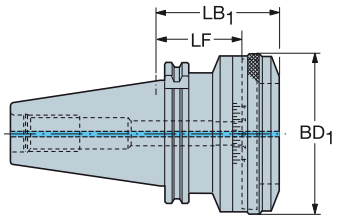



| | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| 30 | 16 | 1 | 1 | 2 | **A227-30 16 080** | M12 | 16.0 | 49 | 80.0 | 58.0 | 80.0 | 36.0 | 46.0 | 20 | 10.00 | 0.76 | 25000 |
| | 20 | 1 | 1 | 2 | **A227-30 20 080** | M12 | 20.0 | 51 | 80.0 | 56.9 | 80.0 | 40.0 | 46.0 | 20 | 12.00 | 0.82 | 25000 |
| | 25 | 1 | 1 | 2 | **A227-30 25 085** | M12 | 25.0 | 57 | 85.0 | 62.9 | 85.0 | 45.0 | 46.0 | 20 | 20.00 | 0.92 | 25000 |
| | 32 | 1 | 1 | 1 | **A227-30 32 090** | M12 | 32.0 | 61 | 90.0 | 90.0 | | 52.0 | | 20 | 30.00 | 1.03 | 25000 |
| 40 | 16 | 7 | 1 | 2 | **A2B27-40 16 070** | M16 | 16.0 | 49 | 70.0 | 42.0 | 70.0 | 36.0 | 63.0 | 20 | 10.00 | 1.24 | 18000 |
| | 20 | 7 | 1 | 2 | **A2B27-40 20 075** | M16 | 20.0 | 51 | 75.0 | 48.0 | 75.0 | 40.0 | 63.0 | 20 | 12.00 | 1.32 | 18000 |
| | 25 | 7 | 1 | 2 | **A2B27-40 25 080** | M16 | 25.0 | 57 | 80.0 | 52.0 | 80.0 | 45.0 | 63.0 | 20 | 20.00 | 1.40 | 18000 |
| | 32 | 7 | 1 | 2 | **A2B27-40 32 085** | M16 | 32.0 | 61 | 85.0 | 57.0 | 85.0 | 52.0 | 63.0 | 20 | 30.00 | 1.51 | 18000 |
| 50 | 16 | 7 | 1 | 2 | **A2B27-50 16 080** | M24 | 16.0 | 49 | 80.0 | 41.5 | 80.0 | 36.0 | 100.0 | 20 | 10.00 | 3.98 | 12000 |
| | 20 | 7 | 1 | 2 | **A2B27-50 20 085** | M24 | 20.0 | 51 | 85.0 | 46.0 | 85.0 | 40.0 | 100.0 | 20 | 12.00 | 3.98 | 12000 |
| | 25 | 7 | 1 | 2 | **A2B27-50 25 090** | M24 | 25.0 | 57 | 90.0 | 51.0 | 90.0 | 45.0 | 100.0 | 20 | 20.00 | 4.08 | 12000 |
| | 32 | 7 | 1 | 2 | **A2B27-50 32 095** | M24 | 32.0 | 61 | 95.0 | 56.0 | 95.0 | 52.0 | 100.0 | 20 | 30.00 | 4.24 | 12000 |
| | 40 | 7 | 1 | 2 | **A2B27-50 40 105** | M24 | 40.0 | 71 | 105.0 | 66.0 | 105.0 | 75.0 | 100.0 | 20 | 40.00 | 5.32 | 12000 |
| | 50 | 7 | 1 | 2 | **A2B27-50 50 113** | M24 | 50.0 | 81 | 113.0 | 74.0 | 113.0 | 75.0 | 100.0 | 20 | 45.00 | 4.96 | 12000 |

# MAS-BT 403 naar ISO 9766 instelbare adapter

**Koppeling machinezijde compatibel met JIS B 6339**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | BAR | KG | RPMX |
| 40 | 1 | 1 | 1 | **392.55277-40 01 055A** | M16 | 78.0 | 55.0 | 79.6 | 86.0 | 20 | 2.38 | 12000 |
| 50 | 2 | 1 | 1 | **392.58277-50 02 063A** | M24 | 98.0 | 63.0 | 87.6 | 106.0 | 20 | 5.79 | 9000 |
| | 3 | 1 | 1 | **392.58277-50 03 080B** | M24 | 136.0 | 80.0 | 90.0 | 140.0 | 20 | 7.36 | 6000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

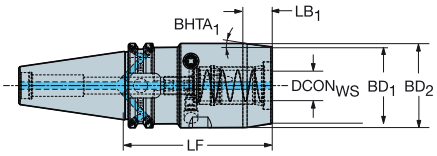
M1 N23 N15

# MAS-BT 403 naar CoroChuck™ 930

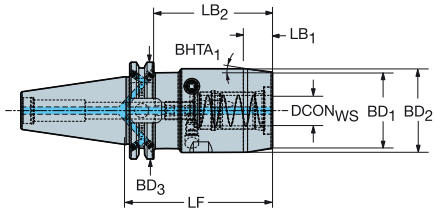
**Koppeling machinezijde compatibel met JIS B 6339**



DSGN 3




6

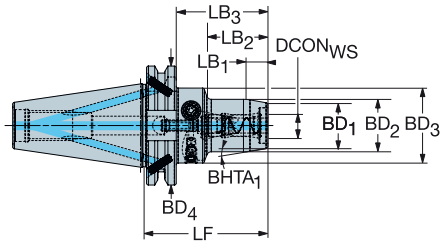



## Heavy duty uitvoering

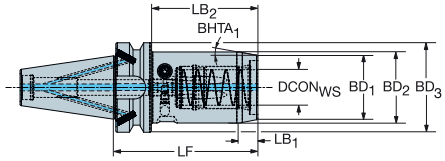
| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm CRKS | DCON$_{WS}$ | LSC | LF | LB$_1$ | LB$_2$ | LB$_3$ | BD$_1$ | BD$_2$ | BD$_3$ | BHTA$_1$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 20 | 7 | 1 | 6 | 930-B40-HD-20-088 | M16 | 20.0 | 51 | 88.0 | 17.8 | 61.0 | 88.0 | 50.0 | 55.0 | 63.0 | 8° | 80 | 10.00 | 1.93 | 18000 |
| | 25 | 7 | 1 | 3 | 930-B40-HD-25-094 | M16 | 25.0 | 57 | 94.0 | 18.8 | 94.0 | | 57.0 | 65.0 | | 12° | 80 | 10.00 | 2.39 | 18000 |
| 50 | 20 | 7 | 1 | 6 | 930-B50-HD-20-102 | M24 | 20.0 | 51 | 102.0 | 17.8 | 64.0 | 102.0 | 50.0 | 55.0 | 100.0 | 8° | 80 | 10.00 | 4.68 | 12000 |
| | 25 | 7 | 1 | 6 | 930-B50-HD-25-106 | M24 | 25.0 | 57 | 106.0 | 18.8 | 68.0 | 106.0 | 57.0 | 65.0 | 100.0 | 12° | 80 | 10.00 | 5.15 | 12000 |
| | 32 | 7 | 1 | 6 | 930-B50-HD-32-096 | M24 | 32.0 | 61 | 96.0 | 18.8 | 58.0 | 96.0 | 68.0 | 76.0 | 100.0 | 12° | 80 | 10.00 | 5.23 | 12000 |
| | 32 | 7 | 1 | 6 | 930-B50-HD-32-185 | M24 | 32.0 | 61 | 185.0 | 18.8 | 147.0 | 185.0 | 68.0 | 76.0 | 100.0 | 12° | 80 | 10.00 | 8.34 | 12000 |

DSGN 10






6




## Slanke uitvoering

| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm CRKS | DCON$_{WS}$ | LSC | LF | LB$_1$ | LB$_2$ | LB$_3$ | LB$_4$ | BD$_1$ | BD$_2$ | BD$_3$ | BD$_4$ | BHTA$_1$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 6 | 1 | 1 | 6 | 930-B30-S-06-048 | M12 | 6.0 | 37 | 48.0 | 9.3 | 12.8 | 48.0 | | 22.0 | 26.0 | 46.0 | | 12° | 80 | 8.00 | 0.55 | 25000 |
| | 8 | 1 | 1 | 6 | 930-B30-S-08-048 | M12 | 8.0 | 37 | 48.0 | 9.3 | 12.8 | 48.0 | | 24.0 | 28.0 | 46.0 | | 12° | 80 | 8.00 | 0.56 | 25000 |
| | 10 | 1 | 1 | 6 | 930-B30-S-10-048 | M12 | 10.0 | 41 | 48.0 | 9.3 | 13.8 | 48.0 | | 26.0 | 30.0 | 46.0 | | 12° | 80 | 8.00 | 0.55 | 25000 |
| | 12 | 1 | 1 | 10 | 930-B30-S-12-082 | M12 | 12.0 | 46 | 82.0 | 11.3 | 38.2 | 60.0 | 82.0 | 28.0 | 32.0 | 40.0 | 46.0 | 10° | 80 | 8.00 | 0.75 | 25000 |
| | 20 | 1 | 1 | 6 | 930-B30-S-20-088 | M12 | 20.0 | 51 | 88.0 | 16.0 | 66.0 | 88.0 | | 38.0 | 42.0 | 46.0 | | 7° | 80 | 8.00 | 0.93 | 25000 |
| 40 | 6 | 7 | 1 | 10 | 930-B40-S-06-075 | M16 | 6.0 | 37 | 75.0 | 11.3 | 30.2 | 48.0 | 75.0 | 22.0 | 26.0 | 40.0 | 63.0 | 10° | 80 | 8.00 | 1.21 | 18000 |
| | 8 | 7 | 1 | 10 | 930-B40-S-08-075 | M16 | 8.0 | 37 | 75.0 | 11.3 | 30.2 | 48.0 | 75.0 | 24.0 | 28.0 | 40.0 | 63.0 | 10° | 80 | 8.00 | 1.23 | 18000 |
| | 10 | 7 | 1 | 10 | 930-B40-S-10-080 | M16 | 10.0 | 41 | 80.0 | 11.3 | 34.2 | 53.0 | 80.0 | 26.0 | 30.0 | 40.0 | 63.0 | 10° | 80 | 8.00 | 1.27 | 18000 |
| | 12 | 7 | 1 | 10 | 930-B40-S-12-085 | M16 | 12.0 | 46 | 85.0 | 11.3 | 38.2 | 58.0 | 85.0 | 27.9 | 32.0 | 50.0 | 63.0 | 10° | 80 | 8.00 | 1.45 | 18000 |
| | 20 | 7 | 1 | 10 | 930-B40-S-20-094 | M16 | 20.0 | 51 | 94.0 | 16.0 | 49.2 | 67.0 | 94.0 | 37.9 | 42.0 | 50.0 | 63.0 | 7° | 80 | 8.00 | 1.62 | 18000 |
| | 25 | 7 | 1 | 6 | 930-B40-S-25-102 | M16 | 25.0 | 57 | 102.0 | 12.9 | 74.0 | | 102.0 | 45.0 | 50.0 | | 63.0 | 11° | 80 | 8.00 | 1.86 | 18000 |
| 50 | 20 | 7 | 1 | 10 | 930-B50-S-20-108 | M24 | 20.0 | 51 | 108.0 | 16.0 | 49.2 | 70.0 | 108.0 | 37.9 | 42.0 | 50.0 | 100.0 | 7° | 80 | 8.00 | 4.35 | 12000 |
| | 25 | 7 | 1 | 6 | 930-B50-S-25-114 | M24 | 25.0 | 57 | 114.0 | 12.9 | 73.5 | | 114.0 | 45.0 | 50.0 | | 100.0 | 11° | 80 | 8.00 | 4.59 | 12000 |

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M1 N23 N6 N15 N4



SANDVIK Coromant

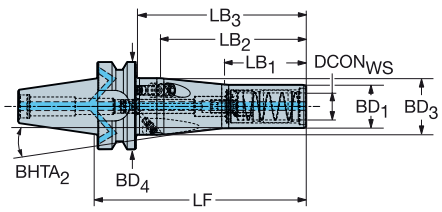
# MAS-BT 403 naar CoroChuck™ 930

**Koppeling machinezijde compatibel met JIS B 6339**

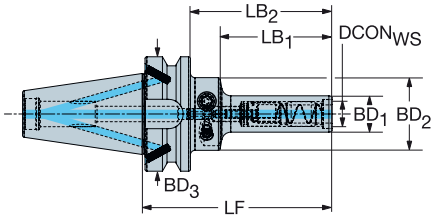
**Potlooduitvoering**

DSGN 11





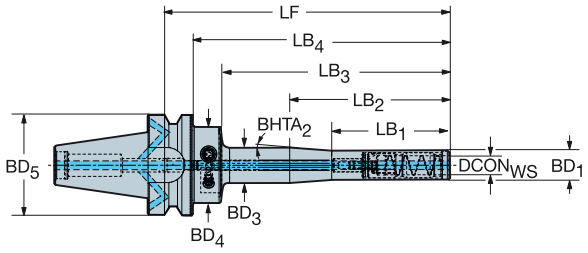

DSGN 5




| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_2$ | $BD_3$ | $BD_4$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 30 | 6 | 1 | 1 | 11 | **930-B30-P-06-088** | M12 | 6.0 | 37 | 88.0 | 45.8 | 52.1 | 66.0 | 88.0 | 14.5 | 14.5 | 40.0 | 46.0 | 0° | 80 | 8.00 | 0.62 | 25000 |
| | 8 | 1 | 1 | 5 | **930-B30-P-08-088** | M12 | 8.0 | 37 | 88.0 | 45.8 | 66.0 | 88.0 | | 17.5 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.59 | 25000 |
| | 10 | 1 | 1 | 5 | **930-B30-P-10-098** | M12 | 10.0 | 41 | 98.0 | 55.8 | 76.0 | 98.0 | | 20.0 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.63 | 25000 |
| | 10 | 1 | 1 | 5 | **930-B30-P-10-138** | M12 | 10.0 | 41 | 138.0 | 95.8 | 116.0 | 138.0 | | 20.0 | 40.0 | 46.0 | | 0° | 80 | 8.00 | 0.73 | 25000 |
| | 12 | 1 | 1 | 11 | **930-B30-P-12-103** | M12 | 12.0 | 46 | 103.0 | 60.8 | 66.4 | 81.0 | 103.0 | 22.0 | 22.0 | 40.0 | 46.0 | 0° | 80 | 8.00 | 0.71 | 25000 |
| | 12 | 1 | 1 | 11 | **930-B30-P-12-138** | M12 | 12.0 | 46 | 138.0 | 95.8 | 101.4 | 116.0 | 138.0 | 22.0 | 22.0 | 40.0 | 46.0 | 0° | 80 | 8.00 | 0.81 | 25000 |
| 40 | 8 | 7 | 1 | 5 | **930-B40-P-08-095** | M16 | 8.0 | 37 | 95.0 | 45.8 | 65.5 | 95.0 | | 17.5 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.20 | 18000 |
| | 10 | 7 | 1 | 5 | **930-B40-P-10-105** | M16 | 10.0 | 41 | 105.0 | 55.8 | 75.5 | 105.0 | | 20.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.24 | 18000 |
| | 10 | 7 | 1 | 5 | **930-B40-P-10-145** | M16 | 10.0 | 41 | 145.0 | 95.8 | 115.5 | 145.0 | | 20.0 | 40.0 | 63.0 | | 0° | 80 | 8.00 | 1.34 | 18000 |
| | 12 | 7 | 1 | 11 | **930-B40-P-12-110** | M16 | 12.0 | 46 | 110.0 | 60.8 | 66.4 | 83.0 | 110.0 | 22.0 | 22.0 | 40.0 | 63.0 | 0° | 80 | 8.00 | 1.32 | 18000 |
| | 12 | 7 | 1 | 11 | **930-B40-P-12-145** | M16 | 12.0 | 46 | 145.0 | 95.8 | 101.4 | 118.0 | 145.0 | 22.0 | 22.0 | 40.0 | 63.0 | 0° | 80 | 8.00 | 1.47 | 18000 |
| | 20 | 7 | 1 | 11 | **930-B40-P-20-153** | M16 | 20.0 | 51 | 153.0 | 60.0 | 108.0 | 126.0 | 153.0 | 32.0 | 32.0 | 42.0 | 63.0 | 6° | 80 | 8.00 | 1.84 | 18000 |

DSGN 17






| | | | | | | Afmetingen, mm | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $LB_4$ | $BD_1$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 30 | 12 | 1 | 1 | 17 | **930-B30-P-12-188** | M12 | 12.0 | 46 | 188.0 | 50.0 | 75.0 | 151.1 | 166.0 | 22.0 | 26.0 | 40.0 | 46 | 4° | 80 | 8.00 | 1.10 | 25000 |
| 40 | 12 | 7 | 1 | 17 | **930-B40-P-12-195** | M16 | 12.0 | 46 | 195.0 | 50.0 | 75.0 | 151.1 | 168.0 | 22.0 | 26.0 | 40.0 | 46 | 4° | 80 | 8.00 | 1.72 | 18000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N6 N15 N4

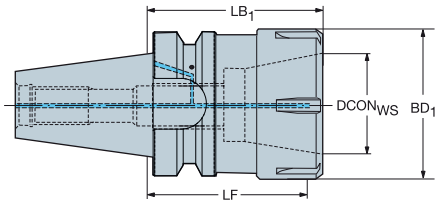
# MAS-BT 403 naar ER spantanghouder

**Koppeling machinezijde compatibel met JIS B 6339**

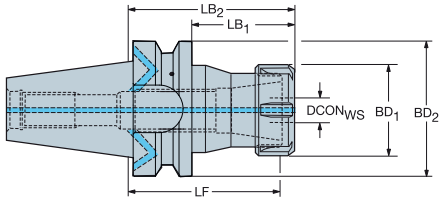
**Koppeling werkstukzijde DIN 6499-B**



DSGN 1




2




| | | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | KG | RPMX |
| 30 | ER11 | 1 | 1 | 2 | **A2B14-30 11 050** | M12 | 11.4 | 43.7 | 26.9 | 50.0 | 19.0 | 46.0 | 80 | 0.43 | 25000 |
| | ER16 | 1 | 1 | 2 | **A214-30 16 080** | M12 | 17.0 | 69.7 | 56.9 | 80.0 | 28.0 | 46.0 | 80 | 0.59 | 25000 |
| | ER16 | 1 | 1 | 2 | **A214-30 16 100** | M12 | 17.0 | 89.7 | 76.9 | 100.0 | 28.0 | 46.0 | 80 | 0.68 | 25000 |
| | ER16 | 1 | 1 | 2 | **A214-30 16 130** | M12 | 17.0 | 119.7 | 106.9 | 130.0 | 28.0 | 46.0 | 80 | 0.81 | 25000 |
| | ER16 | 1 | 1 | 2 | **A2B14-30 16 050** | M12 | 17.0 | 39.7 | 26.9 | 50.0 | 27.7 | 46.0 | 80 | 0.46 | 25000 |
| | ER20 | 1 | 1 | 2 | **A214-30 20 090** | M12 | 21.0 | 78.8 | 66.9 | 90.0 | 34.0 | 46.0 | 80 | 0.73 | 25000 |
| | ER20 | 1 | 1 | 2 | **A214-30 20 130** | M12 | 21.0 | 118.8 | 106.9 | 130.0 | 34.0 | 46.0 | 80 | 0.99 | 25000 |
| | ER20 | 1 | 1 | 2 | **A2B14-30 20 050** | M12 | 21.0 | 38.8 | 26.9 | 50.0 | 34.0 | 46.0 | 80 | 0.48 | 25000 |
| | ER25 | 1 | 1 | 2 | **A214-30 25 100** | M12 | 26.0 | 88.3 | 76.9 | 100.0 | 42.0 | 46.0 | 80 | 0.99 | 25000 |
| | ER25 | 1 | 1 | 2 | **A214-30 25 130** | M12 | 26.0 | 118.3 | 108.0 | 130.0 | 42.0 | 46.0 | 80 | 1.30 | 25000 |
| | ER25 | 1 | 1 | 2 | **A2B14-30 25 062** | M12 | 26.0 | 50.3 | 38.9 | 62.0 | 42.0 | 46.0 | 80 | 0.58 | 25000 |
| | ER32 | 1 | 1 | 1 | **A214-30 32 070** | M12 | 33.0 | 57.3 | 70.0 | | 50.0 | | 80 | 0.70 | 25000 |
| | ER32 | 1 | 1 | 1 | **A214-30 32 130** | M12 | 33.0 | 117.3 | 130.0 | | 50.0 | | 80 | 1.25 | 25000 |
| 40 | ER16 | 7 | 1 | 2 | **A2B14-40 16 070** | M16 | 17.0 | 59.7 | 41.0 | 70.0 | 28.0 | 63.0 | 80 | 1.10 | 18000 |
| | ER16 | 7 | 1 | 2 | **A2B14-40 16 100** | M16 | 17.0 | 89.7 | 71.0 | 100.0 | 28.0 | 63.0 | 80 | 1.25 | 18000 |
| | ER20 | 7 | 1 | 2 | **A2B14-40 20 070** | M16 | 21.0 | 58.8 | 41.0 | 70.0 | 34.0 | 63.0 | 80 | 1.15 | 18000 |
| | ER20 | 7 | 1 | 2 | **A2B14-40 20 100** | M16 | 21.0 | 88.8 | 71.0 | 100.0 | 34.0 | 63.0 | 80 | 1.33 | 18000 |
| | ER25 | 7 | 1 | 2 | **A2B14-40 25 070** | M16 | 26.0 | 58.3 | 41.0 | 70.0 | 42.0 | 63.0 | 80 | 1.22 | 18000 |
| | ER25 | 7 | 1 | 2 | **A2B14-40 25 100** | M16 | 26.0 | 88.3 | 71.0 | 100.0 | 42.0 | 63.0 | 80 | 1.50 | 18000 |
| | ER32 | 7 | 1 | 2 | **A2B14-40 32 070** | M16 | 33.0 | 57.3 | 41.0 | 70.0 | 50.0 | 63.0 | 80 | 1.24 | 18000 |
| | ER40 | 7 | 1 | 1 | **A2B14-40 40 070** | M16 | 41.0 | 55.3 | 70.0 | | 63.0 | | 80 | 1.35 | 18000 |
| 50 | ER20 | 7 | 1 | 2 | **A2B14-50 20 070** | M24 | 21.0 | 58.8 | 29.0 | 70.0 | 34.0 | 100.0 | 80 | 3.80 | 12000 |
| | ER20 | 7 | 1 | 2 | **A2B14-50 20 100** | M24 | 21.0 | 88.8 | 59.0 | 100.0 | 34.0 | 100.0 | 80 | 4.11 | 12000 |
| | ER25 | 7 | 1 | 2 | **A2B14-50 25 070** | M24 | 26.0 | 58.3 | 29.0 | 70.0 | 42.0 | 100.0 | 80 | 3.88 | 12000 |
| | ER25 | 7 | 1 | 2 | **A2B14-50 25 100** | M24 | 26.0 | 88.3 | 59.0 | 100.0 | 42.0 | 100.0 | 80 | 4.26 | 12000 |
| | ER32 | 7 | 1 | 2 | **A2B14-50 32 070** | M24 | 33.0 | 57.3 | 28.6 | 70.0 | 50.0 | 100.0 | 80 | 3.84 | 12000 |
| | ER32 | 7 | 1 | 2 | **A2B14-50 32 100** | M24 | 33.0 | 87.3 | 59.0 | 100.0 | 50.0 | 100.0 | 80 | 4.26 | 12000 |
| | ER40 | 7 | 1 | 2 | **A2B14-50 40 080** | M24 | 41.0 | 65.3 | 39.0 | 80.0 | 63.0 | 100.0 | 80 | 4.04 | 12000 |

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M1 N23 N15

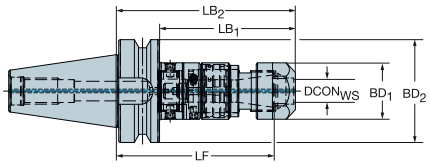
# MAS-BT 403 naar CoroChuck™ 970

**Koppeling machinezijde compatibel met JIS B 6339**

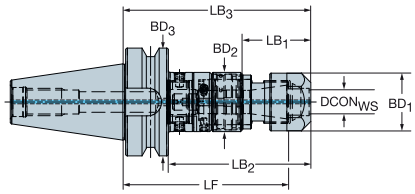
**Koppeling werkstukzijde DIN 6499-B**

DSGN 2






DSGN 5

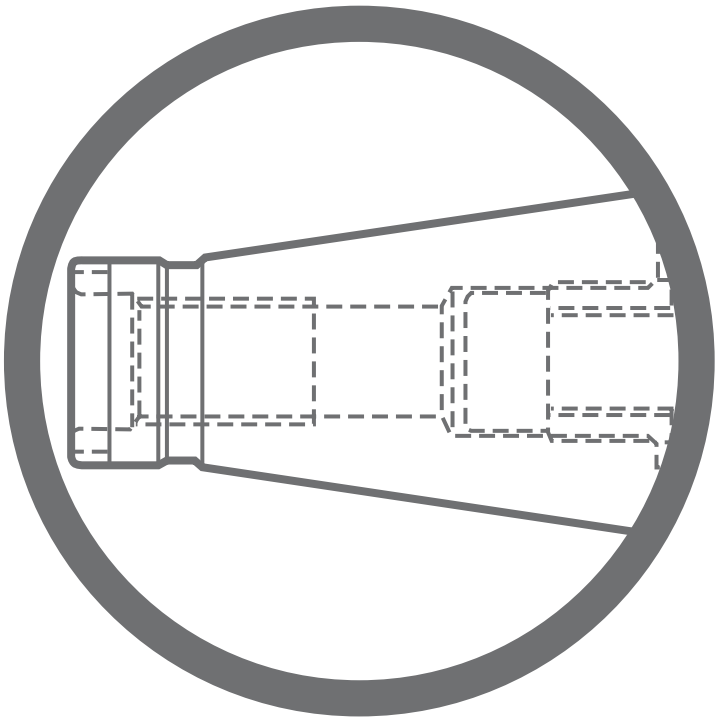



| | | | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | TRMAX | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | BAR | KG | RPMX |
| 30 | ER11 | M5 | 1 | 1 | 5 | **970-B30-11-082** | M12 | 11.3 | 78.2 | 24.1 | 60.0 | 82.0 | 18.7 | 23.5 | 46.0 | 80 | 0.55 | 8000 |
| | ER20 | M12 | 1 | 1 | 5 | **970-B30-20-105** | M12 | 20.8 | 92.2 | 35.3 | 78.1 | 100.2 | 33.7 | 35.0 | 46.0 | 80 | 0.83 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-B30-25-125** | M12 | 25.8 | 111.1 | 37.1 | 97.6 | 119.6 | 42.0 | 44.0 | 46.0 | 80 | 1.19 | 8000 |
| 40 | ER20 | M12 | 1 | 1 | 5 | **970-B40-20-110** | M16 | 20.8 | 97.2 | 35.3 | 78.1 | 105.2 | 33.7 | 35.0 | 63.0 | 80 | 1.42 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-B40-25-130** | M16 | 25.8 | 116.1 | 37.1 | 97.6 | 124.6 | 42.0 | 44.0 | 63.0 | 80 | 1.78 | 8000 |
| | ER32 | M27 | 1 | 1 | 2 | **970-B40-32-133** | M16 | 32.8 | 123.8 | 106.3 | 133.3 | | 50.0 | 63.0 | | 80 | 1.74 | 8000 |
| 50 | ER20 | M12 | 1 | 1 | 5 | **970-B50-20-125** | M24 | 20.8 | 112.2 | 35.3 | 82.1 | 120.2 | 33.7 | 35.0 | 100.0 | 80 | 4.09 | 8000 |
| | ER25 | M20 | 1 | 1 | 5 | **970-B50-25-145** | M24 | 25.8 | 131.1 | 37.1 | 101.6 | 139.6 | 42.0 | 44.0 | 100.0 | 80 | 4.47 | 8000 |
| | ER32 | M27 | 1 | 1 | 2 | **970-B50-32-148** | M24 | 32.8 | 138.8 | 110.3 | 148.3 | | 50.0 | 100.0 | | 80 | 4.33 | 8000 |
| | ER40 | M30 | 1 | 1 | 2 | **970-B50-40-174** | M24 | 40.8 | 157.2 | 130.6 | 168.6 | | 63.0 | 100.0 | | 80 | 5.90 | 8000 |

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M1 N23 N15 N5

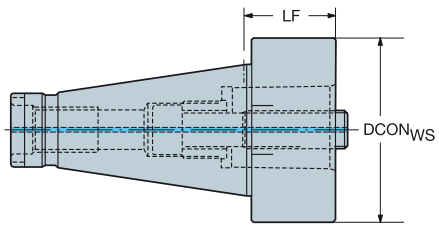
# Koppeling machinezijde DIN 2080



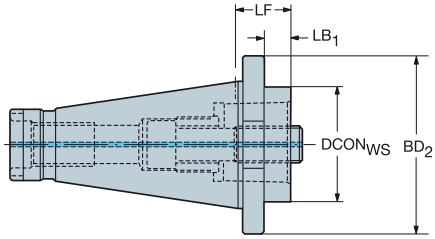
# DIN 2080 naar Coromant Capto® -adapter



DSGN 1




DSGN 2



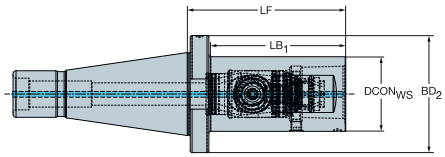

| | | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $BD_2$ | BAR | NM | KG |
| 40 | C3 | 1 | 1 | 2 | **C3-390.00-40 030** | M16 | 32.0 | 30.0 | 18.4 | 30.0 | 63.0 | 80 | 45.00 | 0.86 |
| | C4 | 1 | 1 | 2 | **C4-390.00-40 030** | M16 | 40.0 | 30.0 | 18.4 | 30.0 | 63.0 | 80 | 55.00 | 0.09 |
| | C4 | 1 | 1 | 2 | **C4-390.00-40 060** | M16 | 40.0 | 60.0 | 48.4 | 60.0 | 63.0 | 80 | 55.00 | 1.13 |
| | C5 | 1 | 1 | 2 | **C5-390.00-40 030** | M16 | 50.0 | 30.0 | 18.4 | 30.0 | 63.0 | 80 | 95.00 | 0.90 |
| | C6 | 1 | 1 | 1 | **C6-390.00-40 075** | M16 | 63.0 | 75.0 | 75.0 | | | 80 | 170.00 | 1.87 |
| 50 | C3 | 1 | 1 | 2 | **C3-390.00-50 030** | M24 | 32.0 | 30.0 | 14.8 | 30.0 | 97.5 | 80 | 45.00 | 2.78 |
| | C3 | 1 | 1 | 2 | **C3-390.00-50 060** | M24 | 32.0 | 60.0 | 44.8 | 60.0 | 97.5 | 80 | 45.00 | 2.89 |
| | C4 | 1 | 1 | 2 | **C4-390.00-50 030** | M24 | 40.0 | 30.0 | 14.8 | 30.0 | 97.5 | 80 | 55.00 | 2.79 |
| | C4 | 1 | 1 | 2 | **C4-390.00-50 060** | M24 | 40.0 | 60.0 | 44.8 | 60.0 | 97.5 | 80 | 55.00 | 3.01 |
| | C5 | 1 | 1 | 2 | **C5-390.00-50 030** | M24 | 50.0 | 30.0 | 14.8 | 30.0 | 97.5 | 80 | 95.00 | 2.76 |
| | C5 | 1 | 1 | 2 | **C5-390.00-50 070** | M24 | 50.0 | 70.0 | 54.8 | 70.0 | 97.5 | 80 | 95.00 | 3.28 |
| | C6 | 1 | 1 | 2 | **C6-390.00-50 030** | M24 | 63.0 | 30.0 | 14.8 | 30.0 | 97.5 | 80 | 170.00 | 2.72 |
| | C6 | 1 | 1 | 2 | **C6-390.00-50 080** | M24 | 63.0 | 80.0 | 64.8 | 80.0 | 97.5 | 80 | 170.00 | 3.82 |
| | C8 | 1 | 1 | 2 | **C8-390.00-50 070** | M24 | 80.0 | 70.0 | 54.8 | 70.0 | 97.5 | 80 | 170.00 | 3.98 |
| | C8 | 1 | 1 | 2 | **C8-390.00-50 120** | M24 | 80.0 | 120.0 | 104.8 | 120.0 | 97.5 | 80 | 170.00 | 5.84 |

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N23 N15

# DIN 2080 naar Coromant Capto® -adapter met snelwisselsysteem



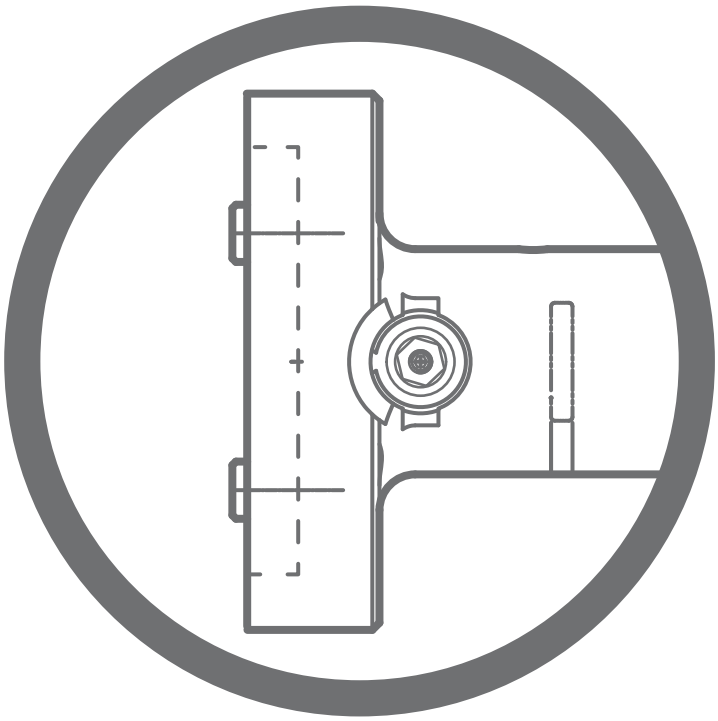



| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | BAR | NM | KG |
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | CRKS | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | | | |
| 40 | C5 | 1 | 1 | **DN40-QC-C5-095** | M16 | 50.0 | 95.0 | 83.4 | 62.8 | 80 | 70.00 | 1.70 |
| 50 | C8 | 1 | 1 | **DN50-QC-C8-140** | M24 | 80.0 | 140.0 | 124.8 | 97.3 | 80 | 130.00 | 6.30 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

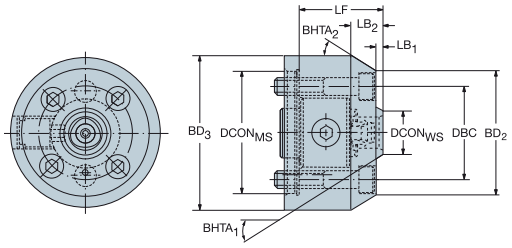
N23 N15

# Koppeling machinezijde DIN 2079



## DIN 2079 naar Coromant Capto® -adapter

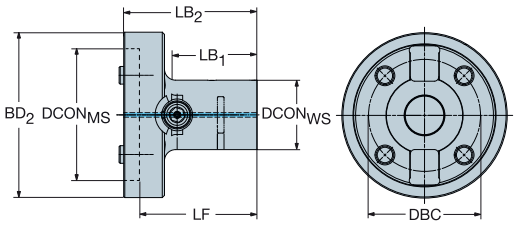





| CZC$_{MS}$ | CZC$_{WS}$ | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DBC | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | BD$_2$ | BD$_3$ | BHTA$_1$ | BHTA$_2$ | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | C3 | C3-390.34705-40 060 | 88.8 | 66.7 | 32.0 | 60.0 | 5.0 | 22.3 | 90.0 | 110.0 | 30° | 30° | 35.00 | 3.99 |
| | C4 | C4-390.34705-40 070 | 88.8 | 66.7 | 40.0 | 70.0 | 5.0 | 22.3 | 90.0 | 110.0 | 30° | 30° | 15.00 | 5.00 |

## DIN 2079 naar Coromant Capto® -adapter met snelwisselsysteem



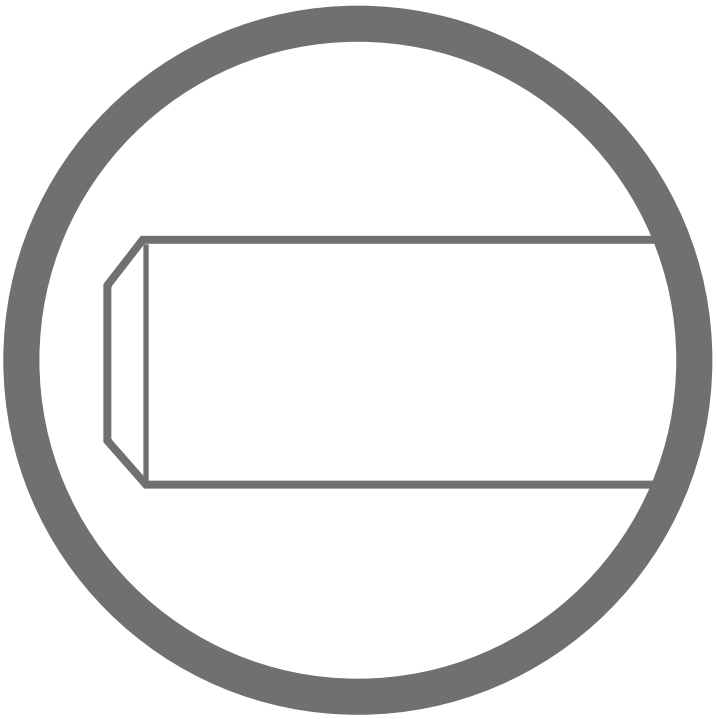



| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DBC | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | BD$_2$ | BAR | NM | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | C5 | 1 | 1 | SI40-QC-C5-090 | 88.8 | 66.7 | 50.0 | 90.0 | 70.0 | 102.0 | 110.0 | 80 | 70.00 | 2.30 |
| 50 | C6 | 1 | 1 | SI50-QC-C6-105 | 128.5 | 101.6 | 63.0 | 105.0 | 74.0 | 121.0 | 150.0 | 80 | 90.00 | 5.00 |
| | C8 | 3 | 1 | SI50-QC-C8-135 | 128.5 | 101.6 | 80.0 | 135.0 | 104.0 | 151.0 | 150.0 | 80 | 130.00 | 6.89 |

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N23 N15

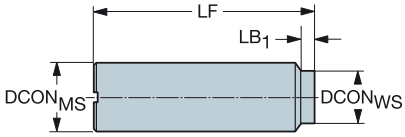
# Koppeling machinezijde cilindrische schacht



# Cilindrische schacht naar Coromant EH adapter

**Rechte uitvoering**

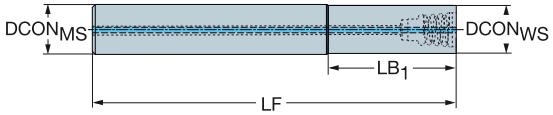





## Stalen schacht

| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LSC | LF | LB$_1$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | E10 | 1 | 1 | **E10-A10-SS-075** | 10.0 | 9.6 | 54 | 75.0 | 20.0 | 80 | 12.00 | 0.09 | 40000 |
| 12 | E12 | 1 | 1 | **E12-A12-SS-100** | 12.0 | 11.6 | 77 | 100.0 | 22.0 | 80 | 15.00 | 0.14 | 31000 |
| 16 | E10 | 1 | 1 | **E10-A16-SS-065** | 16.0 | 9.6 | 57 | 65.0 | 5.0 | 80 | 12.00 | 0.14 | 40000 |
| | E12 | 1 | 1 | **E12-A16-SS-065** | 16.0 | 11.6 | 58 | 65.0 | 5.0 | 80 | 15.00 | 0.15 | 40000 |
| 20 | E16 | 1 | 1 | **E16-A20-SS-070** | 20.0 | 15.4 | 63 | 70.0 | 5.0 | 80 | 30.00 | 0.26 | 40000 |
| | E16 | 1 | 1 | **E16-A20-SS-110** | 20.0 | 15.4 | 83 | 110.0 | 25.0 | 80 | 30.00 | 0.33 | 40000 |
| | E20 | 1 | 1 | **E20-A20-SS-120** | 20.0 | 19.2 | 89 | 120.0 | 30.0 | 80 | 50.00 | 0.38 | 34000 |
| 25 | E20 | 1 | 1 | **E20-A25-SS-080** | 25.0 | 19.2 | 73 | 80.0 | 5.0 | 80 | 50.00 | 0.39 | 40000 |
| | E25 | 1 | 1 | **E25-A25-SS-140** | 25.0 | 24.1 | 99 | 140.0 | 40.0 | 80 | 65.00 | 0.63 | 25000 |
| 32 | E25 | 1 | 1 | **E25-A32-SS-080** | 32.0 | 24.1 | 73 | 80.0 | 5.0 | 80 | 65.00 | 0.62 | 40000 |






## Zware metalen schacht

| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LSC | LF | LB$_1$ | BAR | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | E10 | 1 | 1 | **EH10-A10-SH-100** | 10.0 | 9.6 | 79 | 100.0 | 20.0 | 80 | 0.18 | 26000 |
| 12 | E12 | 1 | 1 | **EH12-A12-SH-110** | 12.0 | 11.6 | 84 | 110.0 | 25.0 | 80 | 0.26 | 25000 |
| 16 | E16 | 1 | 1 | **EH16-A16-SH-130** | 16.0 | 15.4 | 94 | 130.0 | 35.0 | 80 | 0.52 | 22000 |
| 20 | E20 | 1 | 1 | **EH20-A20-SH-160** | 20.0 | 19.2 | 114 | 160.0 | 45.0 | 80 | 0.92 | 17000 |
| 25 | E25 | 1 | 1 | **EH25-A25-SH-185** | 25.0 | 24.1 | 119 | 185.0 | 65.0 | 80 | 1.58 | 16000 |

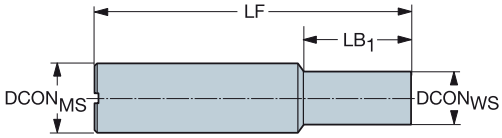
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N23 N6 N15 N3

# Cilindrische schacht naar Coromant EH adapter

**Rechte uitvoering**






**Gecementeerde hardmetalen schacht**

| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | BAR | NM | KG | RPMX |
| 10 | E10 | 1 | 1 | **E10-A10-SE-100** | 10.0 | 9.6 | 49 | 100.0 | 50.0 | 80 | 12.00 | 0.15 | 35000 |
| 12 | E12 | 1 | 1 | **E12-A12-SE-100** | 12.0 | 11.6 | 51 | 100.0 | 48.0 | 80 | 15.00 | 0.20 | 40000 |
| 16 | E16 | 1 | 1 | **E16-A16-SE-135** | 16.0 | 15.4 | 54 | 135.0 | 80.0 | 80 | 30.00 | 0.44 | 27000 |
| 20 | E20 | 1 | 1 | **E20-A20-SE-095** | 20.0 | 19.2 | 56 | 95.0 | 38.0 | 80 | 50.00 | 0.46 | 40000 |
| | E20 | 1 | 1 | **E20-A20-SE-180** | 20.0 | 19.2 | 69 | 180.0 | 110.0 | 80 | 50.00 | 0.82 | 20000 |
| 25 | E25 | 1 | 1 | **E25-A25-SE-200** | 25.0 | 24.1 | 79 | 200.0 | 120.0 | 80 | 65.00 | 1.36 | 19000 |

**Opmerking!**

Gecementeerde hardmetalen schacht uitsluitend voor nabewerken/semi-nabewerken

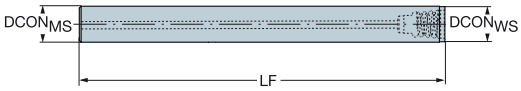
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N23 N6 N15 N3

# Cilindrische schacht naar Coromant EH adapter

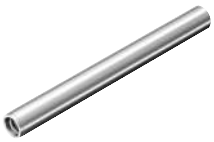
**Rechte uitvoering**

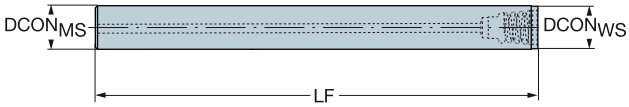





### G-ondergedimensioneerde stalen schacht

| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | BAR | KG | RPMX |
| 9 | E10 | 1 | 1 | EH10-A09.7-SS-080 | 9.7 | 9.6 | 78 | 80.0 | 80 | 0.10 | 40000 |
| 11 | E12 | 1 | 1 | EH12-A11.7-SS-085 | 11.7 | 11.6 | 83 | 85.0 | 80 | 0.12 | 40000 |
| 15 | E16 | 1 | 1 | EH16-A15.7-SS-100 | 15.7 | 15.4 | 97 | 100.0 | 80 | 0.24 | 40000 |
| 19 | E20 | 1 | 1 | EH20-A19.7-SS-120 | 19.7 | 19.2 | 117 | 120.0 | 80 | 0.38 | 40000 |
| 24 | E25 | 1 | 1 | EH25-A24.7-SS-135 | 24.7 | 24.1 | 132 | 135.0 | 80 | 0.56 | 40000 |






### Zware metalen G ondergedimensioneerde schacht

| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | BAR | NM | KG | RPMX |
| 9 | E10 | 1 | 1 | EH10-A09.7-SH-120 | 9.7 | 9.6 | 117 | 120.0 | 80 | | 0.20 | 19000 |
| | E10 | 1 | 1 | EH10-A09.7-SH-100 | 9.7 | 9.6 | 97 | 100.0 | 80 | 12.00 | 0.17 | 23000 |
| 11 | E12 | 1 | 1 | EH12-A11.7-SH-135 | 11.7 | 11.6 | 132 | 135.0 | 80 | | 0.29 | 17000 |
| | E12 | 1 | 1 | EH12-A11.7-SH-110 | 11.7 | 11.6 | 107 | 110.0 | 80 | 15.00 | 0.25 | 23000 |
| 15 | E16 | 1 | 1 | EH16-A15.7-SH-160 | 15.7 | 15.4 | 156 | 160.0 | 80 | | 0.61 | 15000 |
| | E16 | 1 | 1 | EH16-A15.7-SH-130 | 15.7 | 15.4 | 126 | 130.0 | 80 | 30.00 | 0.51 | 19000 |
| 19 | E20 | 1 | 1 | EH20-A19.7-SH-200 | 19.7 | 19.2 | 196 | 200.0 | 80 | | 1.15 | 12000 |
| | E20 | 1 | 1 | EH20-A19.7-SH-160 | 19.7 | 19.2 | 156 | 160.0 | 80 | 50.00 | 0.91 | 19000 |
| 24 | E25 | 1 | 1 | EH25-A24.7-SH-235 | 24.7 | 24.1 | 231 | 235.0 | 80 | | 1.99 | 10500 |
| | E25 | 1 | 1 | EH25-A24.7-SH-185 | 24.7 | 24.1 | 181 | 185.0 | 80 | 65.00 | 1.58 | 14000 |

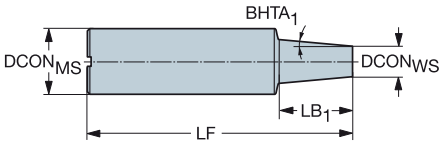
Ga voor reserveonderdelen naar www.sandvik.coromant.com

N23 N15 N3

# Cilindrische schacht naar Coromant EH adapter

## Conische uitvoering

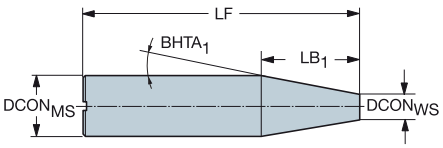





### Stalen schacht

| | | | | | Afmetingen, mm | | | | | | BAR | NM | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $BHTA_1$ | | | | RPMX |
| 16 | E10 | 1 | 1 | E10-A16-CS-140 | 16.0 | 9.6 | 103 | 140.0 | 36.6 | 5° | 80 | 12.00 | 0.24 | 16000 |
| | E10 | 1 | 1 | E10-A16-CS-160 | 16.0 | 9.6 | 108 | 160.0 | 50.0 | 1° | 80 | 12.00 | 0.24 | 12000 |
| | E12 | 1 | 1 | E12-A16-CS-140 | 16.0 | 11.6 | 115 | 140.0 | 25.1 | 5° | 80 | 15.00 | 0.25 | 16000 |
| | E12 | 1 | 1 | E12-A16-CS-170 | 16.0 | 11.6 | 108 | 170.0 | 60.0 | 1° | 80 | 15.00 | 0.30 | 12000 |
| 20 | E16 | 1 | 1 | E16-A20-CS-190 | 20.0 | 15.4 | 112 | 190.0 | 75.0 | 1° | 80 | 30.00 | 0.49 | 13000 |
| 25 | E16 | 1 | 1 | E16-A25-CS-170 | 25.0 | 15.4 | 115 | 170.0 | 54.9 | 5° | 80 | 30.00 | 0.66 | 18000 |
| 32 | E10 | 1 | 1 | E10-A32-CS-250 | 32.0 | 9.6 | 186 | 250.0 | 63.5 | 10° | 80 | 12.00 | 1.39 | 10000 |
| | E12 | 1 | 1 | E12-A32-CS-250 | 32.0 | 11.6 | 192 | 250.0 | 57.8 | 10° | 80 | 15.00 | 1.50 | 10000 |
| | E20 | 1 | 1 | E20-A32-CS-180 | 32.0 | 19.2 | 107 | 180.0 | 73.2 | 5° | 80 | 50.00 | 1.06 | 20000 |
| | E25 | 1 | 1 | E25-A32-CS-200 | 32.0 | 24.1 | 154 | 200.0 | 45.1 | 5° | 80 | 65.00 | 1.29 | 15000 |

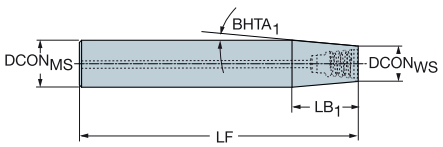





### Stalen schacht

| | | | | | Afmetingen, mm | | | | | | BAR | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $BHTA_1$ | | | RPMX |
| 20 | E16 | 1 | 1 | EH16-A20-CS-165 | 20.0 | 15.4 | 138 | 165.0 | 26.3 | 5° | 80 | 0.44 | 27000 |
| 25 | E20 | 1 | 1 | EH20-A25-CS-200 | 25.0 | 19.2 | 120 | 200.0 | 80.0 | 1° | 80 | 0.70 | 19000 |






### Gecementeerde hardmetalen schacht

| | | | | | Afmetingen, mm | | | | | | BAR | NM | KG | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $BHTA_1$ | | | | RPMX |
| 16 | E10 | 1 | 1 | EH10-A16-CE-140 | 16.0 | 9.6 | 103 | 140.0 | 36.6 | 5° | 80 | | 0.41 | 36000 |
| | E12 | 1 | 1 | EH12-A16-CE-165 | 16.0 | 11.6 | 139 | 165.0 | 25.1 | 5° | 80 | | 0.50 | 23000 |
| | E10 | 1 | 1 | E10-A16-CE-155 | 16.0 | 9.6 | 52 | 155.0 | 100.0 | 1° | 80 | 12.00 | 0.34 | 22000 |
| | E12 | 1 | 1 | E12-A16-CE-150 | 16.0 | 11.6 | 58 | 150.0 | 90.0 | 1° | 80 | 15.00 | 0.39 | 23000 |
| 20 | E16 | 1 | 1 | EH16-A20-CE-165 | 20.0 | 15.4 | 138 | 165.0 | 26.3 | 5° | 80 | | 0.78 | 27000 |
| | E16 | 1 | 1 | E16-A20-CE-175 | 20.0 | 15.4 | 55 | 175.0 | 118.0 | 1° | 80 | 30.00 | 0.72 | 22000 |
| 25 | E20 | 1 | 1 | EH20-A25-CE-150 | 25.0 | 19.2 | 116 | 150.0 | 33.1 | 5° | 80 | 50.00 | 1.05 | 23000 |
| | E20 | 1 | 1 | EH20-A25-CE-200 | 25.0 | 19.2 | 117 | 200.0 | 83.0 | 2° | 80 | 50.00 | 1.08 | 19000 |
| 32 | E20 | 1 | 1 | EH20-A32-CE-175 | 32.0 | 19.2 | 101 | 175.0 | 73.2 | 5° | 80 | 50.00 | 1.78 | 21000 |
| | E25 | 1 | 1 | EH25-A32-CE-190 | 32.0 | 24.1 | 144 | 190.0 | 45.1 | 5° | 80 | 65.00 | 2.07 | 20000 |
| | E25 | 1 | 1 | EH25-A32-CE-215 | 32.0 | 24.1 | 169 | 215.0 | 45.1 | 5° | 80 | 65.00 | 2.41 | 18000 |

**Opmerking!**

Gecementeerde hardmetalen schacht uitsluitend voor nabewerken/semi-nabewerken

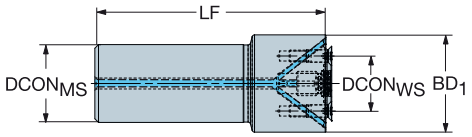
Ga voor reserveonderdelen naar www.sandvik.coromant.com

N23 N6 N15 N3

# Cilindrische schacht naar doornbevestigingsadapter met aandrijfschroeven

**Voor CoroMill® QD met interne koeling**





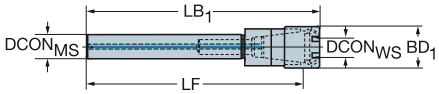

| | | | | | Afmetingen, mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LSC | LF | $BD_1$ | BAR | NM | KG | RPMX |
| 25 | X10 | 1 | 3 | **CY25-X10-032-090** | 25.0 | 22.0 | 10.0 | 57 | 90.0 | 32.0 | 80 | 6.40 | 0.42 | 12000 |
| | X22 | 1 | 3 | **CY25-X22-040-090** | 25.0 | 32.0 | 22.0 | 57 | 90.0 | 40.0 | 80 | 3.90 | 0.53 | 11000 |
| 32 | X22 | 1 | 3 | **CY32-X22-040-095** | 32.0 | 32.0 | 22.0 | 61 | 95.0 | 40.0 | 80 | 3.90 | 0.71 | 11000 |

N23 N15

# Cilindrische schacht naar ER spantanghouder

**Koppeling werkstukzijde DIN 6499-B**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $BD_1$ | BAR | KG |
| 8 | ER11 | 1 | 1 | **393.14-08 11 056** | 8.0 | 11.4 | 52 | 75.0 | 82.5 | 16.0 | 20 | 0.05 |
| 12 | ER16 | 1 | 1 | **393.14-12 16 080** | 12.0 | 17.0 | 77 | 107.0 | 118.5 | 22.0 | 20 | 0.13 |
| 16 | ER11 | 1 | 1 | **393.14-16 11 150** | 16.0 | 11.4 | 149 | 163.5 | 171.0 | 16.0 | 20 | 0.21 |
| 20 | ER16 | 1 | 1 | **393.14-20 16 155** | 20.0 | 17.0 | 155 | 170.0 | 181.5 | 22.0 | 20 | 0.31 |
| 25 | ER20 | 1 | 1 | **393.14-25 20 170A** | 25.0 | 21.0 | 141 | 170.5 | 182.0 | 28.0 | 20 | 0.51 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

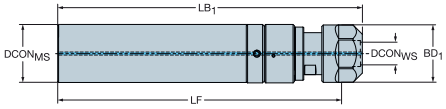
M1 N23 N15

# Cilindrische schacht naar CoroChuck™ 970

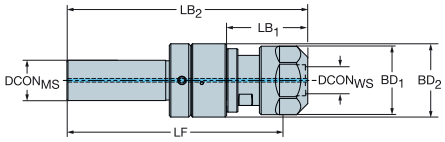
**Koppeling werkstukzijde DIN 6499-B**



DSGN 1




2

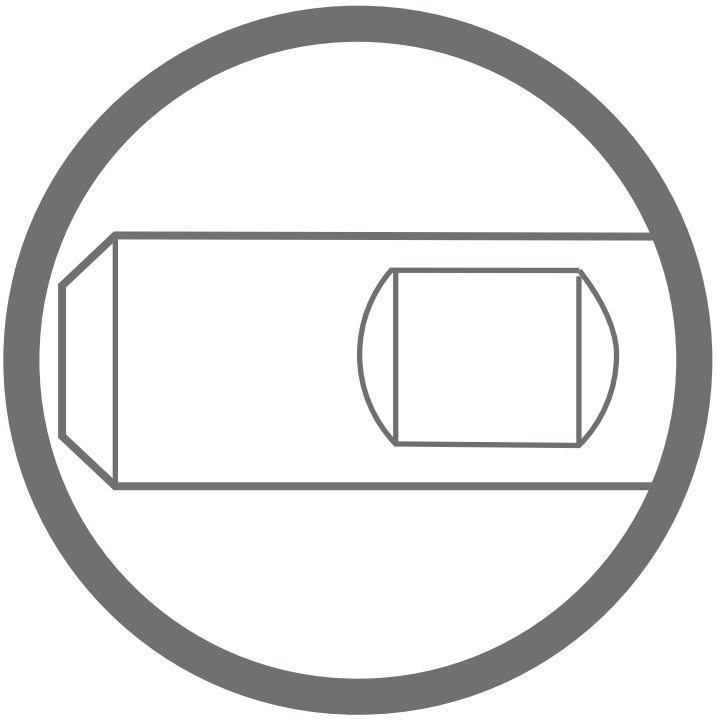



| | | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | TRMAX | CNSC | CXSC | DSGN | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | KG | RPMX |
| 12 | ER8 | M3 | 1 | 1 | 1 | **970-CY12-8-052** | 12.0 | 8.5 | 70 | 94.0 | 100.0 | | 12.0 | | 60 | 0.12 | 8000 |
| 16 | ER11 | M5 | 1 | 1 | 2 | **970-CY16-11-052** | 16.0 | 11.3 | 44 | 91.5 | 25.2 | 96.4 | 18.7 | 23.5 | 80 | 0.16 | 8000 |
| 20 | ER20 | M12 | 1 | 1 | 2 | **970-CY20-20-069** | 20.0 | 20.8 | 50 | 106.5 | 40.2 | 119.5 | 34.0 | 34.6 | 80 | 0.44 | 8000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

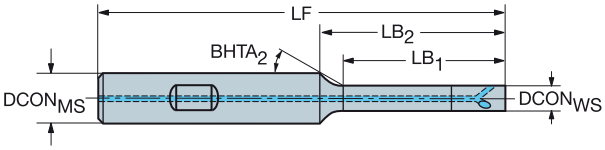
M1 N23 N15 N5

# Koppeling machinezijde Weldon schacht



# Weldon naar CoroMill® 327-adapter






| | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BHTA_2$ | BAR | NM | KG | RPMX |
| 12 | 06 | 1 | 1 | 327-12B15SC-06 | 12.0 | 6.0 | 46 | 70.5 | 11.5 | 17.2 | 6.0 | 30° | 20 | 1.80 | 0.07 | 40000 |
| | 06 | 1 | 1 | 327-12B21EC-06 | 12.0 | 6.0 | 46 | 76.5 | 17.5 | 23.2 | 6.0 | 30° | 20 | 1.80 | 0.13 | 40000 |
| | 06 | 1 | 1 | 327-12B30EC-06 | 12.0 | 6.0 | 46 | 86.5 | 26.5 | 32.2 | 6.0 | 30° | 20 | 1.80 | 0.13 | 40000 |
| | 06 | 1 | 1 | 327-12B42EC-06 | 12.0 | 6.0 | 46 | 96.5 | 38.5 | 44.2 | 6.0 | 30° | 20 | 1.80 | 0.13 | 40000 |
| 16 | 09 | 1 | 1 | 327-16B18SC-09 | 16.0 | 9.0 | 49 | 74.3 | 12.2 | 18.8 | 9.0 | 30° | 20 | 4.30 | 0.19 | 40000 |
| | 12 | 1 | 1 | 327-16B24SC-12 | 16.0 | 12.0 | 49 | 74.3 | 18.3 | 22.3 | 12.0 | 30° | 20 | 6.50 | 0.10 | 40000 |
| | 09 | 1 | 1 | 327-16B32EC-09 | 16.0 | 9.0 | 49 | 94.3 | 26.2 | 32.8 | 9.0 | 30° | 20 | 4.30 | 0.27 | 40000 |
| | 09 | 1 | 1 | 327-16B45EC-09 | 16.0 | 9.0 | 49 | 104.3 | 39.2 | 45.8 | 9.0 | 30° | 20 | 4.30 | 0.20 | 40000 |
| | 09 | 1 | 1 | 327-16B64EC-09 | 16.0 | 9.0 | 49 | 124.3 | 58.2 | 64.8 | 9.0 | 30° | 20 | 4.30 | 0.30 | 40000 |
| | 12 | 1 | 1 | 327-16B42EC-12 | 16.0 | 12.0 | 49 | 94.3 | 36.3 | 40.3 | 12.0 | 30° | 20 | 6.50 | 0.28 | 40000 |
| | 12 | 1 | 1 | 327-16B60EC-12 | 16.0 | 12.0 | 49 | 124.3 | 54.3 | 58.3 | 12.0 | 30° | 20 | 6.50 | 0.34 | 35000 |
| | 12 | 1 | 1 | 327-16B85EC-12 | 16.0 | 12.0 | 49 | 154.3 | 79.3 | 83.3 | 12.0 | 30° | 20 | 6.50 | 0.39 | 30000 |
| | 14 | 1 | 1 | 327-16B42EC-14 | 16.0 | 14.3 | 49 | 93.5 | 35.5 | 37.5 | 14.3 | 30° | 20 | 6.50 | 0.30 | 40000 |
| | 14 | 1 | 1 | 327-16B60EC-14 | 16.0 | 14.3 | 49 | 123.5 | 53.5 | 55.5 | 14.3 | 30° | 20 | 6.50 | 0.37 | 35000 |
| | 14 | 1 | 1 | 327-16B85EC-14 | 16.0 | 14.3 | 49 | 153.5 | 78.5 | 80.5 | 14.3 | 30° | 20 | 6.50 | 0.47 | 27000 |
| 20 | 14 | 1 | 1 | 327-20B35SC-14 | 20.0 | 14.3 | 51 | 93.5 | 28.5 | 33.2 | 14.0 | 30° | 20 | 6.50 | 0.28 | 40000 |

S = Stalen schacht

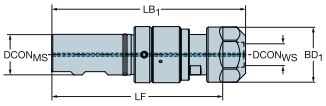
E = Gecementeerde hardmetalen schacht

# Weldon naar CoroChuck™ 970

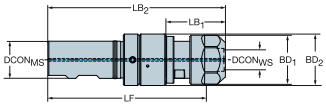
**Koppeling werkstukzijde DIN 6499-B**



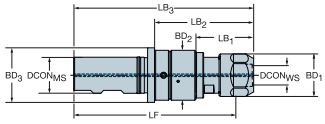
DSGN 1




DSGN 2




DSGN 5

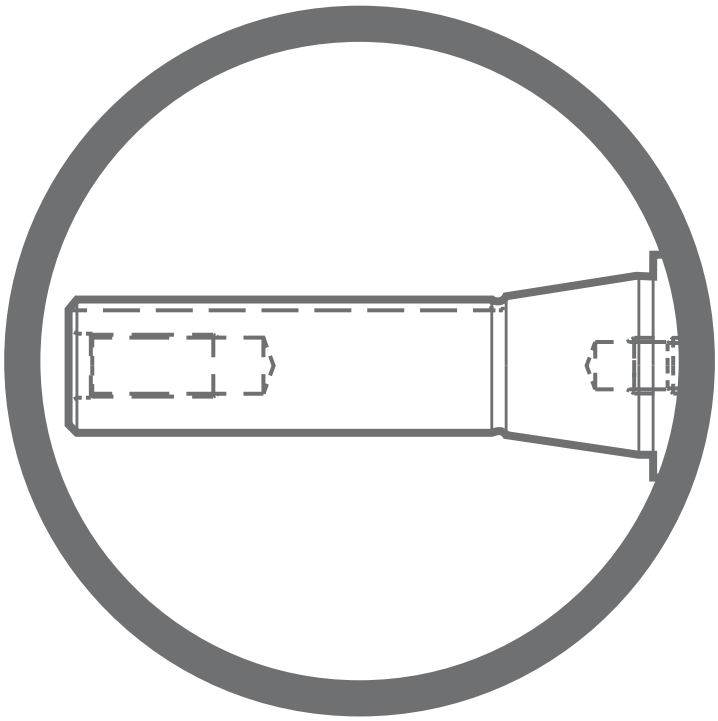



| | | | | | | | Afmetingen, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | TRMAX | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | BAR | KG | RPMX |
| 16 | ER11 | M5 | 1 | 1 | 2 | 970-WE16-11-052 | 16.0 | 11.3 | 44 | 91.5 | 25.2 | 96.4 | | 18.7 | 23.5 | | 80 | 0.18 | 8000 |
| 20 | ER11 | M5 | 1 | 1 | 5 | 970-WE20-11-052 | 20.0 | 11.3 | 50 | 97.8 | 25.2 | 48.6 | 102.7 | 18.7 | 23.5 | 28.5 | 80 | 0.22 | 8000 |
| | ER20 | M12 | 1 | 1 | 2 | 970-WE20-20-069 | 20.0 | 20.8 | 50 | 106.5 | 40.3 | 119.5 | | 33.7 | 34.6 | | 80 | 0.44 | 8000 |
| 25 | ER11 | M5 | 1 | 1 | 5 | 970-WE25-11-052 | 25.0 | 11.3 | 50 | 97.8 | 25.2 | 48.6 | 102.7 | 18.7 | 23.5 | 28.5 | 80 | 0.30 | 8000 |
| | ER20 | M12 | 1 | 1 | 2 | 970-WE25-20-069 | 25.0 | 20.8 | 50 | 106.5 | 40.1 | 119.5 | | 33.7 | 34.6 | | 80 | 0.47 | 8000 |
| | ER25 | M20 | 1 | 1 | 2 | 970-WE25-25-088 | 25.0 | 25.8 | 50 | 125.4 | 42.2 | 138.9 | | 41.7 | 44.0 | | 80 | 0.84 | 8000 |
| | ER40 | M30 | 1 | 1 | 1 | 970-WE25-40-117 | 25.0 | 40.8 | 50 | 151.4 | 167.9 | | | 63.0 | | | 80 | 2.10 | 8000 |
| 40 | ER50 | M48 | 1 | 1 | 5 | 970-WE40-50-164 | 40.0 | 52.0 | 70 | 211.8 | 78.5 | 134.8 | 234.3 | 78.0 | 80.0 | 86.0 | 80 | 5.20 | 8000 |

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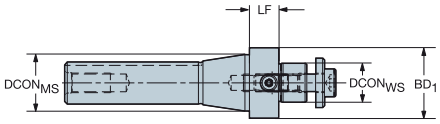
M1 N23 N15 N5

# Koppeling machinezijde Bridgeport



# R8 (Bridgeport) naar opsteekdoorn



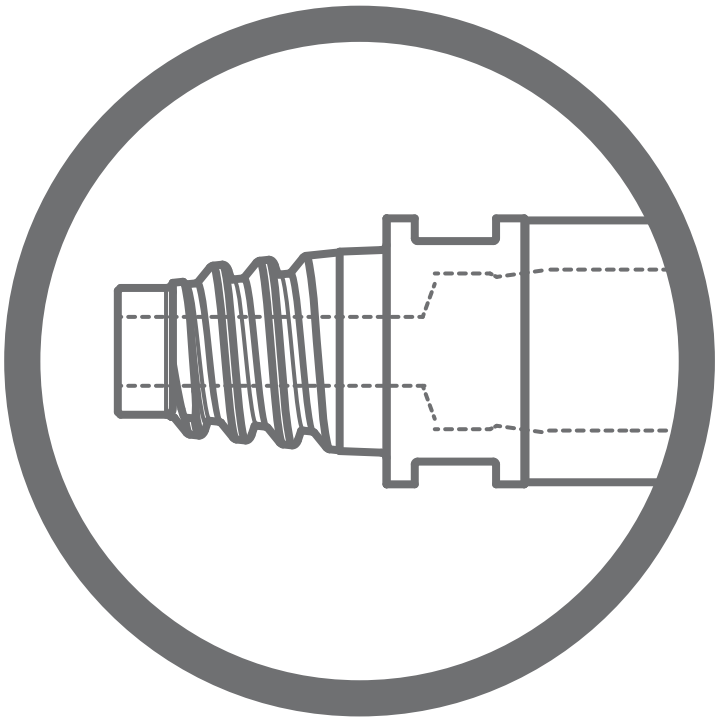



| CZC$_{MS}$ | CZC$_{WS}$ | Bestelnummer | Afmetingen, mm DCON$_{WS}$ | LF | BD$_1$ | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|
| R8 | 22 | 392.R8.05-22 020 | 22.0 | 20.0 | 40.0 | 45.00 | 0.67 | 10000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

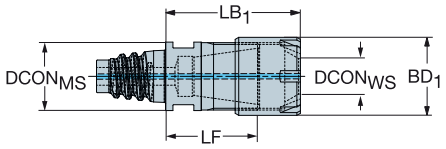
M1 N23 N15

# Machinezijde koppeling Coromant EH



## Coromant EH naar ER-adapter

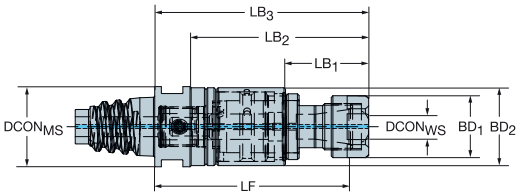





| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | BAR | KG | RPMX |
| E12 | ER8 | 1 | 1 | **ER-EH12-08-024** | 11.7 | 8.5 | 18.0 | 24.0 | 12.0 | 80 | 0.03 | 40000 |
| E16 | ER11 | 1 | 1 | **ER-EH16-11-028** | 15.5 | 11.4 | 20.5 | 28.0 | 16.0 | 80 | 0.04 | 40000 |
| E20 | ER16 | 1 | 1 | **ER-EH20-16-038** | 19.3 | 17.0 | 26.5 | 38.0 | 22.0 | 80 | 0.08 | 40000 |
| E25 | ER20 | 1 | 1 | **ER-EH25-20-042** | 24.2 | 21.0 | 30.5 | 42.0 | 28.0 | 80 | 0.12 | 32000 |

## Coromant EH naar CoroChuck™ 970

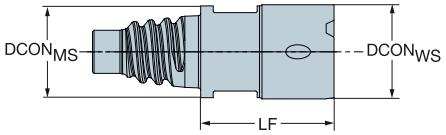





| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | TRMAX | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | BAR | KG | RPMX |
| E25 | ER11 | M5 | 1 | 1 | **970-EH25-11-065** | 24.2 | 11.3 | 59.8 | 25.1 | 53.6 | 64.6 | 18.7 | 23.5 | 80 | 0.16 | 8000 |

## Coromant EH naar CoroMill® 327 adapter



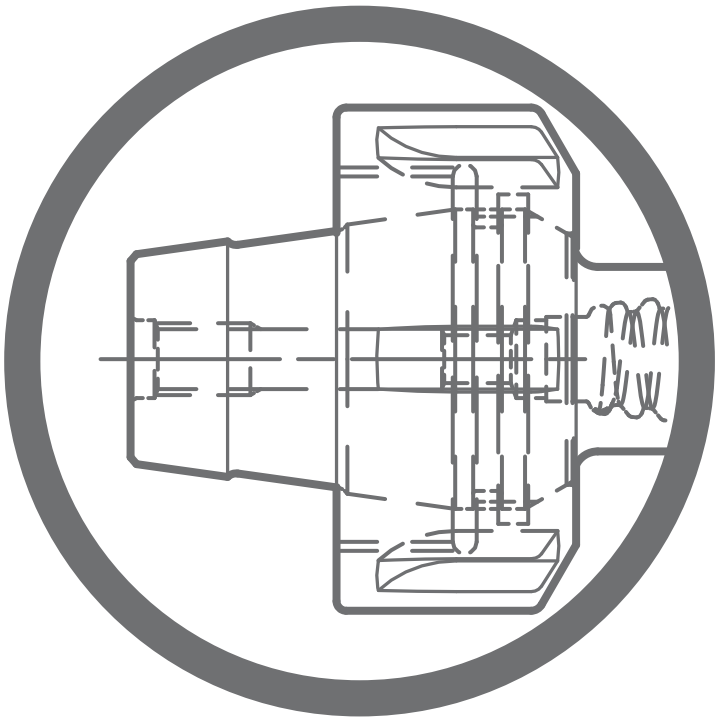



| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $BD_1$ | BAR | NM | KG | RPMX |
| E10 | 09 | 1 | 3 | **327-EH10-09-015** | 9.7 | 9.0 | 15.0 | 10.0 | 20 | 4.30 | 0.02 | 40000 |
| E12 | 12 | 1 | 3 | **327-EH12-12-017** | 11.7 | 12.0 | 17.0 | 12.0 | 20 | 6.50 | 0.02 | 40000 |
| | 14 | 1 | 3 | **327-EH12-14-017** | 11.7 | 14.3 | 17.0 | 14.3 | 20 | 6.50 | 0.01 | 40000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

N23 N6 N15 N3

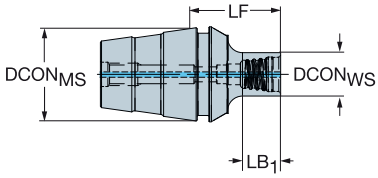
# Koppeling machinezijde ER



# ER naar Coromant EH adapter

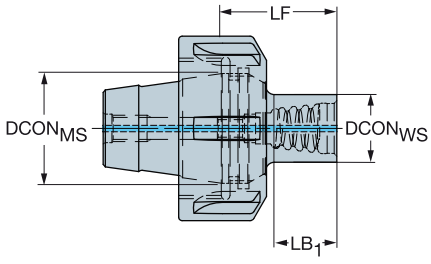
**Koppeling machinezijde DIN 6499-B**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | BAR | NM | KG | RPMX |
| ER16 | E10 | 1 | 1 | **EH-ER16-10-008** | 17.0 | 9.6 | 14.9 | 7.2 | 80 | 12.00 | 0.09 | 40000 |
| ER20 | E10 | 1 | 1 | **EH-ER20-10-008** | 21.0 | 9.6 | 15.8 | 7.2 | 80 | 12.00 | 0.11 | 40000 |
| | E12 | 1 | 1 | **EH-ER20-12-010** | 21.0 | 11.6 | 17.8 | 9.2 | 80 | 15.00 | 0.13 | 40000 |
| ER25 | E10 | 1 | 1 | **EH-ER25-10-012** | 26.0 | 9.6 | 20.3 | 7.2 | 80 | 12.00 | 0.16 | 32000 |
| | E12 | 1 | 1 | **EH-ER25-12-014** | 26.0 | 11.6 | 22.3 | 10.2 | 80 | 15.00 | 0.17 | 32000 |
| | E16 | 1 | 1 | **EH-ER25-16-016** | 26.0 | 15.4 | 24.3 | 14.2 | 80 | 30.00 | 0.22 | 32000 |
| ER32 | E10 | 1 | 1 | **EH-ER32-10-012** | 33.0 | 9.6 | 21.5 | 7.4 | 80 | 12.00 | 0.25 | 25000 |
| | E12 | 1 | 1 | **EH-ER32-12-014** | 33.0 | 11.6 | 23.5 | 9.4 | 80 | 15.00 | 0.27 | 25000 |
| | E16 | 1 | 1 | **EH-ER32-16-018** | 33.0 | 15.4 | 27.5 | 13.4 | 80 | 30.00 | 0.35 | 25000 |
| | E20 | 1 | 1 | **EH-ER32-20-022** | 33.0 | 19.2 | 31.5 | 18.9 | 80 | 50.00 | 0.34 | 25000 |
| | E25 | 1 | 1 | **EH-ER32-25-025** | 33.0 | 24.1 | 34.5 | 25.0 | 80 | 65.00 | 0.41 | 25000 |
| ER40 | E16 | 1 | 1 | **EH-ER40-16-022** | 41.0 | 15.4 | 33.1 | 15.0 | 20 | | 0.51 | 20000 |
| | E20 | 1 | 1 | **EH-ER40-20-025** | 41.0 | 19.2 | 36.1 | 19.0 | 20 | | 0.53 | 20000 |
| | E25 | 1 | 1 | **EH-ER40-25-028** | 41.0 | 24.1 | 39.1 | 24.0 | 20 | | 0.58 | 20000 |






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | BAR | NM | KG | RPMX |
| ER11 | E10 | 1 | 1 | **392.EREH-11 10 008** | 11.4 | 9.6 | 16.8 | 8.0 | 80 | 12.00 | 0.09 | 40000 |
| ER16 | E12 | 1 | 1 | **392.EREH-16 12 010** | 17.0 | 11.6 | 20.5 | 10.0 | 80 | 15.00 | 0.16 | 40000 |
| ER20 | E16 | 1 | 1 | **392.EREH-20 16 014** | 21.0 | 15.4 | 24.1 | 14.0 | 80 | 30.00 | 0.27 | 40000 |
| ER25 | E20 | 1 | 1 | **392.EREH-25 20 019** | 26.0 | 19.2 | 29.1 | 19.0 | 80 | 50.00 | 0.36 | 40000 |

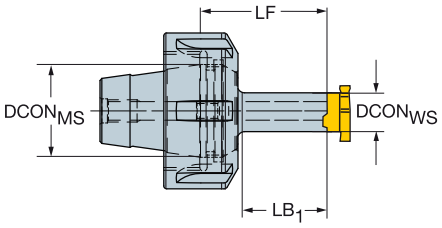
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15 N3

# ER naar CoroMill® 327 adapter

**Koppeling machinezijde DIN 6499-B**



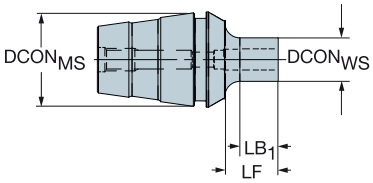



| | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | NM | KG | RPMX |
| ER11 | 09 | **392.ER327-11 09 022** | 11.4 | 9.0 | 25.0 | 16.0 | 9.0 | 4.30 | 0.07 | 40000 |
| ER16 | 09 | **392.ER327-16 09 022** | 17.0 | 9.0 | 26.8 | 16.2 | 9.0 | 4.30 | 0.15 | 40000 |
| | 12 | **392.ER327-16 12 030** | 17.0 | 12.0 | 34.8 | 24.3 | 12.0 | 6.50 | 0.22 | 40000 |
| ER20 | 12 | **392.ER327-20 12 030** | 21.0 | 12.0 | 34.7 | 24.8 | 12.0 | 6.50 | 0.25 | 40000 |
| | 14 | **392.ER327-20 14 035** | 21.0 | 14.3 | 38.9 | 28.8 | 14.0 | 6.50 | 0.27 | 40000 |
| ER32 | 14 | **392.ER327-32 14 035** | 33.0 | 14.3 | 41.3 | 28.8 | 14.0 | 6.50 | 0.50 | 25000 |

**Opmerking!**

De moer is geen standaard ER-moer en dus niet uitwisselbaar met het reserve-onderdeel series 5533 050-0X. Die moer zit altijd bij de set!






| | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $BD_1$ | NM | KG | RPMX |
| ER11 | 06 | **327-ER11-06-016** | 11.4 | 6.0 | 17.5 | 12.8 | 6.0 | 1.80 | 0.03 | 40000 |
| ER20 | 09 | **327-ER20-09-022** | 21.0 | 9.0 | 24.7 | 16.5 | 9.0 | 4.30 | 0.09 | 40000 |
| ER25 | 09 | **327-ER25-09-022** | 26.0 | 9.0 | 25.2 | 16.5 | 9.0 | 4.30 | 0.13 | 32000 |
| | 12 | **327-ER25-12-030** | 26.0 | 12.0 | 33.2 | 24.6 | 12.0 | 6.50 | 0.22 | 32000 |
| | 14 | **327-ER25-14-019** | 26.0 | 14.3 | 22.9 | 14.3 | 14.0 | 6.50 | 0.21 | 32000 |
| | 14 | **327-ER25-14-035** | 26.0 | 14.3 | 37.4 | 28.8 | 14.0 | 6.50 | 0.23 | 32000 |
| ER32 | 12 | **327-ER32-12-030** | 33.0 | 12.0 | 34.2 | 24.6 | 12.0 | 6.50 | 0.31 | 25000 |
| | 14 | **327-ER32-14-019** | 33.0 | 14.3 | 23.9 | 14.3 | 14.0 | 6.50 | 0.30 | 25000 |

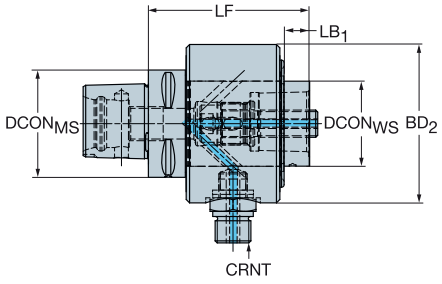
Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23

# Coromant Capto® reductie adapter

**Koelmiddelinvoer**



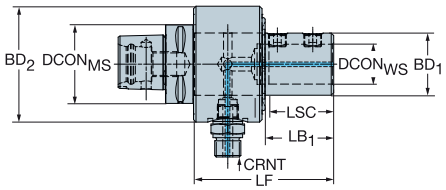



| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $BD_2$ | CRNT | BAR | NM | KG | RPMX |
| C5 | C4 | 2 | 1 | C5-391.02CCH-40 090 | 50.0 | 40.0 | 90.0 | 16.5 | 78.0 | G 3/8" | 18 | 55.00 | 1.96 | 6300 |
| C6 | C5 | 2 | 1 | C6-391.02CCH-50 095 | 63.0 | 50.0 | 95.0 | 15.0 | 93.0 | G 1/2" | 18 | 95.00 | 1.60 | 4300 |
| C8 | C6 | 2 | 1 | C8-391.02CCH-63 110 | 80.0 | 63.0 | 110.0 | 15.0 | 108.0 | G 1/2" | 18 | 170.00 | 4.77 | 3300 |

# Coromant Capto® naar ISO 9766-adapter

**Koelmiddelinvoer**






| | | | | | Afmetingen, mm | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $BD_1$ | $BD_2$ | CRNT | BAR | NM | KG | RPMX |
| C5 | 20 | 2 | 1 | C5-391.27CCH-20 120 | 50.0 | 20.0 | 51 | 120.0 | 46.5 | 40.0 | 78.0 | G 3/8" | 18 | 12.00 | 2.27 | 6300 |
| | 25 | 2 | 1 | C5-391.27CCH-25 135 | 50.0 | 25.0 | 57 | 135.0 | 49.7 | 45.0 | 93.0 | G 1/2" | 18 | 20 | 3.16 | 5300 |
| C6 | 32 | 2 | 1 | C6-391.27CCH-32 135 | 63.0 | 32.0 | 61 | 135.0 | 55.0 | 50.0 | 93.0 | G 1/2" | 18 | 30 | 3.41 | 5300 |
| C8 | 40 | 2 | 1 | C8-391.27CCH-40 155 | 80.0 | 40.0 | 71 | 155.0 | 63.5 | 65.0 | 108.0 | G 1/2" | 18 | 40 | 5.75 | 4000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# Silent Tools®

## Adapters met dempingsmechanisme

### Toepassing

- In bewerkingen met lange uitsteeklengtes
- De productiviteit neemt toe en de oppervlaktekwaliteit verbetert bij korte uitsteeklengtes




### Minimaliseert trillingen bij lange uitsteeklengten vanaf 3×D

Silent Tools adapters minimaliseren de trilling door een demper binnenin het gereedschap, waardoor een goede productiviteit en nauwe toleranties blijven gehandhaafd, zelfs bij lange uitsteeklengten.

SilentTools®

### Kotteren

Problemen die worden veroorzaakt door trillingen treden vaak op bij kotteren en andere bewerkingen, met name bij het bewerken met lange uitsteeklengtes. De trillingen kunnen een slechte oppervlaktestructuur, onvoldoende nauwkeurigheid en verlies van productiviteit, verhoogde wisselplaat- en machineslijtage, alsmede lawaai veroorzaken. Oplossen van trillingsproblemen levert daarom altijd een sterke toename van de productie op.




### Frezen

In veel bewerkingscentra vergen de componenten en bewerkingsgereedschappen gereedschapassemblages met een grote reikwijdte om in grote componenten bij het verspaningsgebied te komen. Het risico op trillingen is groot en de typische keuze is of langzamer bewerken, of gedempte gereedschappen kiezen. Met Silent Tools freesadapters worden trillingen geëlimineerd, kan de bewerkingssnelheid worden verhoogd en kan de procesbetrouwbaarheid worden verbeterd. Silent Tools voor freesbewerkingen zijn productiviteitsverhogers.

www.sandvik.coromant.com/silenttools



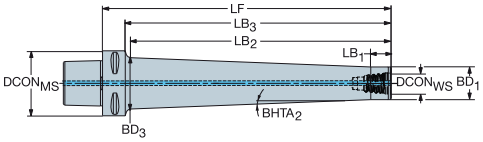

Het dempingssysteem bestaat uit een zware massa, ondersteund door rubberen veerelementen

# Coromant Capto® naar Coromant EH gedempte adapter

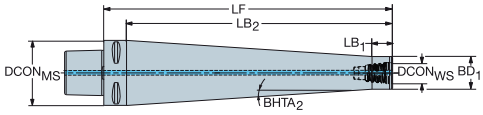


SilentTools®

DSGN 12




DSGN 7




| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LF | LB$_1$ | LB$_2$ | LB$_3$ | LB$_4$ | BD$_1$ | BD$_3$ | BD$_4$ | BHTA$_2$ | BHTA$_3$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C4 | E16 | 3 | 1 | 12 | **C4-EH16D-175** | 40.0 | 15.4 | 175.0 | 3.0 | 150.0 | 155.0 | 175.0 | 19.5 | 29.7 | 40.0 | 2° | 45° | 70 | 30.00 | 1.05 | 15000 |
| C5 | E20 | 3 | 1 | 12 | **C5-EH20D-185** | 50.0 | 19.2 | 185.0 | 3.0 | 159.0 | 165.0 | 185.0 | 24.0 | 33.8 | 50.0 | 1° | 53° | 70 | 50.00 | 1.53 | 15000 |
| | E25 | 3 | 1 | 7 | **C5-EH25D-280** | 50.0 | 24.1 | 280.0 | 20.0 | 260.0 | 280.0 | | 31.7 | 50.0 | | 2° | 0° | 70 | 65.00 | 5.29 | 10000 |
| C6 | E25 | 3 | 1 | 12 | **C6-EH25D-280** | 63.0 | 24.1 | 280.0 | 20.0 | 252.0 | 258.0 | 280.0 | 31.7 | 49.7 | 63.0 | 2° | 67° | 70 | 65.00 | 5.68 | 10000 |
| | E25 | 3 | 1 | 12 | **C6-EH25D-340** | 63.0 | 24.1 | 340.0 | 20.0 | 313.0 | 317.8 | 340.0 | 31.7 | 54.7 | 63.0 | 2° | 61° | 70 | 65.00 | 7.00 | 8000 |
| C8 | E25 | 3 | 1 | 12 | **C8-EH25D-420** | 80.0 | 24.1 | 420.0 | 8.0 | 384.0 | 390.0 | 420.0 | 31.7 | 61.7 | 80.0 | 2° | 71° | 70 | 65.00 | 10.61 | 6000 |

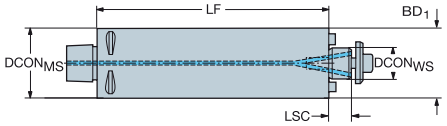
Ga voor reserveonderdelen naar www.sandvik.coromant.com

N23 N15 N3

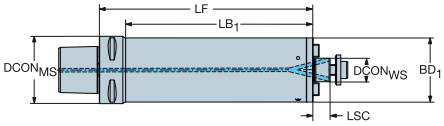
# Coromant Capto® naar opnamedoorn gedempte adapter



DSGN 1




2

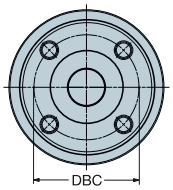


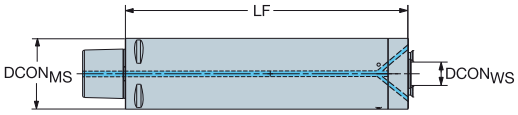

SilentTools®

| | | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | DSGN | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $LB_1$ | $LB_2$ | $BD_1$ | $BD_2$ | BAR | NM | KG | RPMX |
| C4 | 16 | 3 | 4 | 2 | C4-Q16D-038-130 | 40.0 | 16.0 | 11 | 130.0 | 107.8 | 130.0 | 38.0 | 40.0 | 70 | 22.00 | 1.62 | 16000 |
| | 16 | 3 | 4 | 2 | C4-Q16D-038-200 | 40.0 | 16.0 | 11 | 200.0 | 177.8 | 200.0 | 38.0 | 40.0 | 70 | 22.00 | 2.32 | 8000 |
| C5 | 22 | 3 | 4 | 2 | C5-Q22D-048-180 | 50.0 | 22.0 | 16 | 180.0 | 157.6 | 180.0 | 47.5 | 50.0 | 70 | 45.00 | 3.22 | 14000 |
| | 22 | 3 | 4 | 2 | C5-Q22D-048-220 | 50.0 | 22.0 | 16 | 220.0 | 197.6 | 220.0 | 47.5 | 50.0 | 70 | 45.00 | 6.04 | 11000 |
| | 22 | 3 | 4 | 2 | C5-Q22D-048-270 | 50.0 | 22.0 | 16 | 270.0 | 247.6 | 270.0 | 47.5 | 50.0 | 70 | 45.00 | 6.85 | 7000 |
| C6 | 22 | 3 | 4 | 2 | C6-Q22D-060-200 | 63.0 | 22.0 | 16 | 200.0 | 175.4 | 200.0 | 60.0 | 63.0 | 70 | 45.00 | 8.05 | 15000 |
| | 22 | 3 | 4 | 2 | C6-Q22D-060-260 | 63.0 | 22.0 | 16 | 260.0 | 235.4 | 260.0 | 60.0 | 63.0 | 70 | 45.00 | 9.29 | 11000 |
| | 22 | 3 | 4 | 2 | C6-Q22D-060-310 | 63.0 | 22.0 | 16 | 310.0 | 285.4 | 310.0 | 60.0 | 63.0 | 70 | 45.00 | 10.86 | 6000 |
| | 27 | 3 | 4 | 1 | C6-Q27D-063-200 | 63.0 | 27.0 | 18 | 200.0 | 200.0 | | 63.0 | | 70 | 80.00 | 8.54 | 11000 |
| | 27 | 3 | 4 | 1 | C6-Q27D-063-260 | 63.0 | 27.0 | 18 | 260.0 | 260.0 | | 63.0 | | 70 | 80.00 | 9.88 | 8000 |
| | 27 | 3 | 4 | 1 | C6-Q27D-063-310 | 63.0 | 27.0 | 18 | 310.0 | 310.0 | | 63.0 | | 70 | 80.00 | 11.57 | 5000 |
| C8 | 27 | 3 | 4 | 2 | C8-Q27D-076-220 | 80.0 | 27.0 | 18 | 220.0 | 187.2 | 220.0 | 76.0 | 80.0 | 70 | 80.00 | 12.92 | 12000 |
| | 27 | 3 | 4 | 2 | C8-Q27D-076-320 | 80.0 | 27.0 | 18 | 320.0 | 287.2 | 320.0 | 76.0 | 80.0 | 70 | 80.00 | 13.40 | 8000 |
| | 27 | 3 | 4 | 2 | C8-Q27D-076-360 | 80.0 | 27.0 | 18 | 360.0 | 327.2 | 360.0 | 76.0 | 80.0 | 70 | 80.00 | 18.20 | 6000 |
| | 32 | 3 | 4 | 1 | C8-Q32D-080-220 | 80.0 | 32.0 | 20 | 220.0 | 220.0 | | 80.0 | | 70 | 180.00 | 13.73 | 10000 |
| | 32 | 3 | 4 | 1 | C8-Q32D-080-320 | 80.0 | 32.0 | 20 | 320.0 | 320.0 | | 80.0 | | 70 | 180.00 | 18.00 | 6000 |
| | 32 | 3 | 4 | 1 | C8-Q32D-080-360 | 80.0 | 32.0 | 20 | 360.0 | 360.0 | | 80.0 | | 70 | 180.00 | 19.60 | 4000 |
| C10 | 32 | 3 | 4 | 2 | C10-Q32D-095-400 | 100.0 | 32.0 | 20 | 400.0 | 361.0 | 400.0 | 95.0 | 100.0 | 70 | 180.00 | 30.00 | 5000 |
| | 40 | 3 | 4 | 1 | C10-Q40D-100-400 | 100.0 | 40.0 | 23 | 400.0 | 400.0 | | 100.0 | | 70 | 300.00 | 28.30 | 5000 |

# Coromant Capto® naar doornbevestiging met aandrijfschroeven gedempte adapter






SilentTools®

**Voor CoroMill® QD met interne koeling**

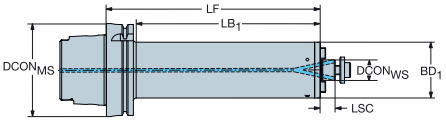
| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | DBC | $DCON_{WS}$ | LSC | LF | BAR | NM | KG |
| C3 | X10 | 3 | 4 | C3-X10D-032-128 | 32.0 | 22.0 | 10.0 | 2 | 128.0 | 70 | 6.40 | 1.10 |
| C4 | X22 | 3 | 3 | C4-X22D-040-160 | 40.0 | 32.0 | 22.0 | 2 | 160.0 | 70 | 3.90 | 1.92 |
| C6 | X32 | 3 | 3 | C6-X32D-063-252 | 63.0 | 45.0 | 32.0 | 2 | 252.0 | 70 | 6.40 | 9.30 |
| C8 | X40 | 3 | 3 | C8-X40D-080-320 | 80.0 | 63.0 | 40.0 | 2 | 320.0 | 70 | 70.00 | 17.45 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# HSK naar doornbevestiging gedempte adapter






SilentTools®

| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | LSC | LF | LB$_1$ | BD$_1$ | BAR | NM | KG | RPMX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63 | 16 | 1 | 4 | **HA06-Q16D-038-160** | 63.0 | 16.0 | 11 | 160.0 | 131.0 | 38.0 | 70 | 22.00 | 4.35 | 16000 |
| | 16 | 1 | 4 | **HA06-Q16D-038-230** | 63.0 | 16.0 | 11 | 230.0 | 201.0 | 38.0 | 70 | 22.00 | 5.06 | 8000 |
| | 22 | 1 | 4 | **HA06-Q22D-048-210** | 63.0 | 22.0 | 16 | 210.0 | 181.0 | 47.5 | 70 | 45.00 | 6.10 | 8000 |
| | 22 | 1 | 4 | **HA06-Q22D-048-260** | 63.0 | 22.0 | 16 | 260.0 | 231.0 | 47.5 | 70 | 45.00 | 6.89 | 5000 |
| 100 | 22 | 1 | 4 | **HA10-Q22D-048-213** | 100.0 | 22.0 | 16 | 213.0 | 181.0 | 47.5 | 70 | 45.00 | 7.68 | 14000 |
| | 22 | 1 | 4 | **HA10-Q22D-048-263** | 100.0 | 22.0 | 16 | 263.0 | 231.0 | 47.5 | 70 | 45.00 | 8.55 | 9000 |
| | 22 | 1 | 4 | **HA10-Q22D-060-230** | 100.0 | 22.0 | 16 | 230.0 | 198.0 | 60.0 | 70 | 45.00 | 9.78 | 14000 |
| | 22 | 1 | 4 | **HA10-Q22D-060-340** | 100.0 | 22.0 | 16 | 340.0 | 308.0 | 60.0 | 70 | 45.00 | 12.96 | 7000 |
| | 27 | 1 | 4 | **HA10-Q27D-076-250** | 100.0 | 27.0 | 18 | 250.0 | 218.0 | 76.0 | 70 | 80.00 | 14.13 | 10000 |
| | 27 | 1 | 4 | **HA10-Q27D-076-390** | 100.0 | 27.0 | 18 | 390.0 | 358.0 | 76.0 | 70 | 80.00 | 20.00 | 5000 |
| | 32 | 1 | 4 | **HA10-Q32D-080-250** | 100.0 | 32.0 | 20 | 250.0 | 218.0 | 80.0 | 70 | 180.00 | 15.30 | 10000 |
| | 32 | 1 | 4 | **HA10-Q32D-080-390** | 100.0 | 32.0 | 20 | 390.0 | 358.0 | 80.0 | 70 | 180.00 | 21.07 | 5000 |

Ga voor reserveonderdelen naar www.sandvik.coromant.com

M1 N23 N15

# Onderdelen


## Coromant Capto® M2

Montageklem M3
Gereedschapswagen voor Coromant Capto M4
Cassettes (polygone zitting) M5
Borgingsmechanisme voor cassettes M6
Montage-item M7-M9
Aandraaimoment M10

## HSK

Montage-item M11

## Accessoire-artikel voor CoroBore®

Corobore® XL voorinsteleenheid M12
Vulplaatset M12

## Doorn

Doorn-bevestigingsschroef met koelvloeistofgat M13
Afstandsringen M14

## Spanbussen en spanhulzen

Cilindrische spanbussen M15-M18
Extractor voor cilindrische spanbussen M18
Cilindrische huls met mechanische borgkoppeling M19
Excentrische bus M20
Schaublin spantang M21
ER-spantang voor tapschacht M24
Afdichtschijven voor ER-spantang M25
Bus voor fijnkotterkop M26
Montage-item M27

## Adapters

Slede voor instelbare booradapter M28
VL M28

## Sleutels en momentsleutels

Montagegereedschap M29
Torx Plus® draaimomentsleutel M32

## Aantrekbouten M33-M34

# Coromant Capto®

## Drie systemen in één

### Toepassing

- Coromant Capto werkt in alle machinetypen:
- Draaicentra - snelwissel en hogedruk toevoer van koelmiddel.
- Multi-task machines en bewerkingscentra - roterende spil koppeling, modulair gereedschapssysteem en snelwissel.
- Leverbaar in zes maten en dus is er altijd een flexibele Coromant Capto oplossing voor al uw behoeften: C3-C10



### Voordelen en kenmerken

- Flexibel met uitgebreide modulariteit
- Hoge basisstabiliteit en nauwkeurigheid
- Geminimaliseerde gereedschapsvoorraad
- Minder set-up tijd
- Groot draaimomentoverdracht
- Hoge buigsterkte
- Snelwissel en geautomatiseerde gereedschapwisseling
- Geavanceerde spuitmond technologie voor een betrouwbaar proces, zelfs bij lage druk
- Toevoer van hogedruk koelmiddel door het gereedschap, van machine tot snijkant
- Gebalanceerd en concentrisch
- Zelfcentrerend

www.sandvik.coromant.com/coromantcapto

### Quick change

- Draaicentra
- Verticale draaibanken

Coromant Capto opspaneenheden en aangedreven gereedschapshouders verminderen set-up en gereedschapswisseltijd voor maximaal machinegebruik.

### Geïntegreerde spil

- Multi-task machines
- Verticale draaibanken
- Bewerkingscentra met draaioptie

Coromant Capto, geïntegreerd in de spil, voegt stabiliteit en veelzijdigheid toe.

### Modulair systeem

- Bewerkingscentra
- Multi-task machines
- Verticale draaibanken

Coromant Capto machinekoppeling adapters in combinatie met extensie- en reductie-adapters maken het assembleren van gereedschappen met verschillende lengtes en uitvoeringen mogelijk, ongeacht de machinekoppeling.

### Coromant Capto® -serie

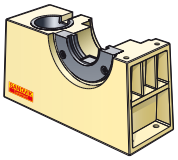
Het Coromant Capto-programma omvat machinekoppelingadapters, opspaneenheden, gereedschapshouders, geïntegreerde snijgereedschappen, adapters en spantangen.



# Montageklem

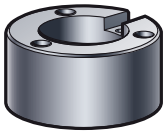
**Basis van montageklem**
**Codenummer:**

**391.500**



**Basis van montageklem voor spanhulzen**
**Codenummer:**

**391.501**



**Bestelnummer**



| Bus | Voor houdertype, afm. |
|---|---|
| 391.540-C3 | Coromant Capto maat C3 |
| 391.540-C4 | Coromant Capto maat C4 |
| 391.540-C5 | Coromant Capto maat C5 |
| 391.540-C6 | Coromant Capto maat C6 |
| 391.540-C8 | Coromant Capto Grootte C8 |
| 391.540-C10 | Coromant Capto maat C10 |
| 391.540-HA04 | HSK 40 Vorm A/C |
| 391.540-HA05 | HSK 50 Vorm A/C |
| 391.540-HA06 | HSK 63 Vorm A/C |
| 391.540-HA08 | HSK 80 Vorm A/C |
| 391.540-HA10 | HSK 100 Vorm A/C |
| 391.540-30 | MAS-BT/CAT/ISO 30 |
| 391.540-40 | MAS-BT/CAT/ISO 40 |
| 391.540-50 | MAS-BT/CAT/ISO 50 |

Opmerking: sleutel wordt meegeleverd met de bus.

**Bestelnummer**

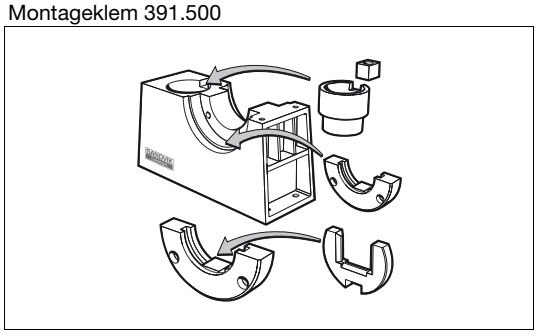




| Flens | Kraag | Voor houdertype, afm. |
|---|---|---|
| 391.510-140 50 | 391.530-C3 | Coromant Capto maat C3 |
| 391.510-140 50 | 391.530-C4 | Coromant Capto maat C4 |
| 391.510-140 50 | 391.530-C5 | Coromant Capto maat C5 |
| 391.510-140 50 | 391.530-C6 | Coromant Capto maat C6 |
| 391.510-140 50 | 391.530-C8 | Coromant Capto Grootte C8 |
| | 391.530-C10* | Coromant Capto maat C10 |
| 391.510-HA04 | | HSK 40 Vorm A |
| 391.510-HA05 | | HSK 50 vorm A |
| 391.510-HA06 | | HSK 63 vorm A |
| 391.510-HA08 | | HSK 80 vorm A |
| 391.510-HA10 | | HSK 100 vorm A |
| 391.510-HA12 | | HSK 125 vorm A |
| 391.510-55 30 | | MAS-BT 30 |
| 391.510-55 40 | | MAS-BT 40 |
| 391.510-55 50 | | MAS-BT 50 |
| 391.510-562-40 | | BIG-PLUS, MAS-BT 40 |
| 391.510-562-50 | | BIG-PLUS, MAS-BT 50 |
| 391.510-140 40 | | DIN 69871/40, ANSIB 5.50-40. ISO7388/1-40, CAT 40 |
| 391.510-140 50 | | DIN 69871/50, ANSIB 5.50-40. ISO7388/1-50, CAT 50 |
| 391.510-540 40 | | BIG-PLUS DIN69871/1-40, BIG-PLUS 7388/1-40, CAT 40 |
| 391.510-540 50 | | BIG-PLUS DIN69871/1-50, BIG-PLUS 7388/1-50, CAT 50 |
| 391.510-00 40 | | DIN 2080-40/NMTB 40 |
| 391.510-00 50 | | DIN 2080-50/NMTB 50 |
| A391.510-45 40 | | ANSIB 5.50-2009, CAT-V 40-2009 |
| A391.510-45 50 | | ANSIB 5.50-2009, CAT-V 50-2009 |
| A391.510-545 40 | | BIG-PLUS ANSIB 5.50-2009, CAT-V 40-2009 |
| A391.510-545 50 | | BIG-PLUS ANSIB 5.50-2009, CAT-V 50-2009 |
| 391.510-140 50 | 391.530-970-11 | CoroChuck 970, ER11 |
| 391.510-140 50 | 391.530-970-20 | CoroChuck 970, ER20 |
| 391.510-140 50 | 391.530-970-25 | CoroChuck 970, ER25 |
| 391.510-140 50 | 391.530-970-32 | CoroChuck 970, ER32 |
| 391.510-140 50 | 391.530-970-40 | CoroChuck 970, ER40 |

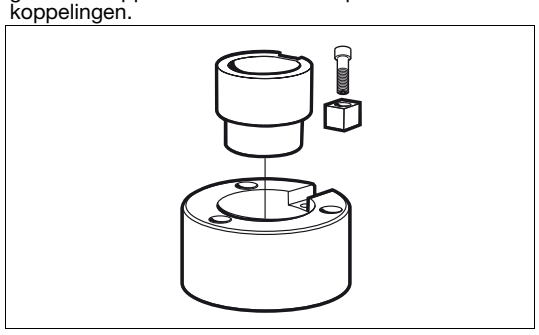
* Gecombineerde kraag en flens

Montageklem 391.500



Kies de flens, kraag en bus passend bij te monteren gereedschap.

Spaninrichting 391.501 voor het onderhoud van gereedschappen met Coromant Capto- en HSK-koppelingen.



Kies de bus passend bij de koppeling.
De montageklem dient aan de bank te worden vastgezet met drie inbusschroeven (niet geleverd bij de montageklem)

# Gereedschapswagen voor Coromant Capto

**Quick change gereedschap**



1. Bakdrager
2. Gereedschapsbakken
3. Voorgevormde gereedschapshouders (moeten apart worden besteld)

| **Bestelnummer** | Set bestaat uit: | | |
|---|---|---|---|
| **CCW-KIT** | TC-0 | 4 stuks | Gereedschapbakken |
| | TCC-2 | 4 paar | Frame dragers voor gereedschapbak |

Voor het bestellen van een complete wagen 1 stuks CCW-KIT + gereedschapshouders
Gereedschapsbakken en bakhouders kunnen als toebehoren worden gekocht.

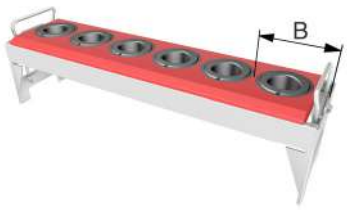
# Tafelstandaard



| **Bestelnummer** |
|---|
| **BS-KIT** |

Geen toebehorencodes voor werkbankstandaard.

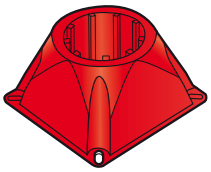
# Voorgevormde kunststof gereedschapshouders - moeten apart worden besteld

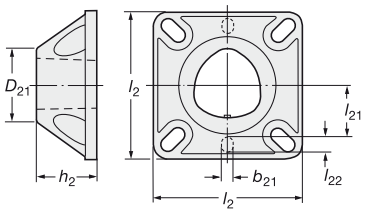



| **Bestelnummer** | Breedte (B) | Max. aantal kopplingsgrootte |
|---|---|---|
| **C3-IC-1** | 58 | C3 = 9 |
| **C4-IC-1** | 58 | C4 = 9 |
| **C5-IC-1** | 65.5 | C5 = 8 |
| **C6-IC-1** | 81.5 | C6 = 6 |
| **C8-IC-1** | 105 | C8 = 5 |
| **C10-IC-1** | 120 | C10 = 4 |

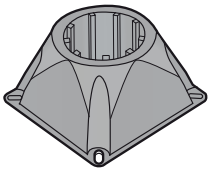
# Cassettes (polygone zitting)

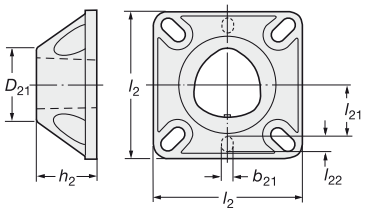
**Coromant Capto®**





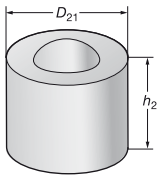

**-4000**
Kunststof opslagcassettes (rood)






**-5000**
Hoge kwaliteit kunststof voor opslag in de machine (zwart)

**-6000-B**

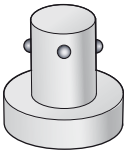


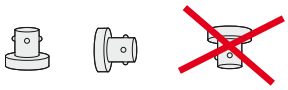

**Aluminium blanks voor cassettes**

| Afmeting koppeling | Bestelnummer | Afmetingen, mm | | | | | | Alle kunststof cassettes hebben een gatenpatroon van 17 mm, 20 mm, 25 mm en 1''. |
|---|---|---|---|---|---|---|---|---|
| | | | $b_{21}$ | $D_{21}$ | $h_2$ | $l_2$ | $l_{21}$ | |
| C3 | **C3-C-4000** | - | 32 | 26 | 65 | - | - | Hoogwaardige kunststofsoort. Rode kleur. Te gebruiken:<br>- alleen voor opslag rechtop<br>- met mechanisme type PL-01 voor opslag horizontaal en rechtop. |
| C4 | **C4-C-4000** | 6 | 50 | 39 | 74 | 26 | 8 | |
| C5 | **C5-C-4000** | 6 | 50 | 39 | 74 | 26 | 8 | |
| C6 | **C6-C-4000** | 8 | 80 | 63 | 116 | 41 | 10 | |
| C8 | **C8-C-4000** | 8 | 80 | 63 | 116 | 41 | 10 | |
| C4 | **C4-C-5000** | 6 | 50 | 39 | 74 | 26 | 8 | Hoge kwaliteit versterkte kunststof (zwart). Voor opslag in de machine met mechanisme AL-01. |
| C5 | **C5-C-5000** | 6 | 50 | 39 | 74 | 26 | 8 | |
| C6 | **C6-C-5000** | 8 | 80 | 63 | 116 | 41 | 10 | |
| C8 | **C8-C-5000** | 8 | 80 | 63 | 116 | 41 | 10 | |
| C10 | **C10-C-5000** | 8 | 100 | 80 | 150 | 60 | 68 | |
| C6 | **C6-C-6000-B** | - | 120 | 63 | - | - | - | Aliminium cassette blanks voor specifieke toepassing. Te gebruiken met AL-01. |
| C8 | **C8-C-6000-B** | | 120 | 63 | - | - | - | |
| C10 | **C10-C-6000-B** | | 138 | 80 | - | - | - | |

# Borgingsmechanisme voor cassettes

**-PL**

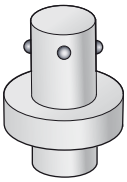


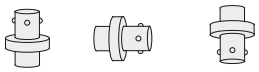


**Passief vergrendelingmechanisme**

Voor rechtopstaande of horizontale opslag. NOOIT ondersteboven.

**-AL**





**Actief vergrendelingmechanisme**

Voor opslag in elke stand: rechtopstaand of ondersteboven, of horizontaal.

| CZC | **Bestelnummer** | Trekkracht, N | |
|---|---|---|---|
| C4 | **C4-PL-01** | 55 | Centraal passief vergrendelingssysteem. Klemmen met klemveer. Past direct in alle type 4000 cassettes |
| C5 | **C5-PL-01** | 120 | |
| C6 | **C6-PL-01** | 150 | |
| C8 | **C8-PL-01** | 240 | |

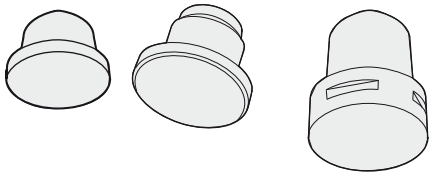
| CZC | **Bestelnummer** | Aanbev. max. gewicht gereedschap kg | |
|---|---|---|---|
| C4 | **C4-AL-01** | 40 | Actief vergrendelingsmechanisme – mechanische push actie. Past direct in alle type 5000/6000 cassettes. |
| C5 | **C5-AL-01** | 60 | |
| C6 | **C6-AL-01** | 75 | |
| C8 | **C8-AL-01** | 110 | |
| C10 | **C10-AL-01** | 150 | |

| CZC | **Bestelnummer** | Aanbev. max. gewicht gereedschap kg | |
|---|---|---|---|
| C6 | **C6-AL-02** | 75 | Actief vergrendelingsmechanisme – mechanische push actie. Past direct in alle type 5000/6000 cassettes. |
| C8 | **C8-AL-02** | 110 | |

# Montage-item

## Afdekplug

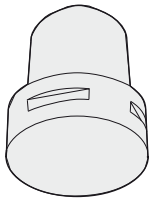
CP-11 CP-01 CPA-01



| Afmeting koppeling | **Bestelnummer** | | |
|---|---|---|---|
| | Handbediend | Automatisch | Type 3000 |
| C3 | **C3-CP-01** | - | **C3-CP-11** |
| C4 | **C4-CP-01** | **C4-CPA-01** | **C4-CP-11** |
| C5 | **C5-CP-01** | **C5-CPA-01** | **C5-CP-11** |
| C6 | **C6-CP-01** | **C6-CPA-01** | - |
| C8 | **C8-CP-01** | **C8-CPA-01** | - |
| C10 | **-** | **C10-CPA-01** | - |

## Balanceergereedschap

Cx-BAT-01



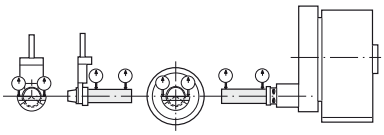
| Afmeting koppeling | **Bestelnummer** |
|---|---|
| C3 | **C3-BAT-01** |
| C4 | **C4-BAT-01** |
| C5 | **C5-BAT-01** |
| C6 | **C6-BAT-01** |
| C8 | **C8-BAT-01** |
| C10 | **C10-BAT-01** |

# Montage-item

## Meetinstrumenten

Positie controleren voor grippers

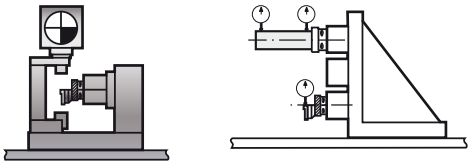
De oriëntatie van de spil



Het Coromant Capto systeem garandeert een uitstekende repeteernauwkeurigheid, maar die kan alleen worden benut als de verschillende andere componenten van het totale bewerkingsproces ook correct en nauwkeurig worden gepositioneerd.

Coromant levert een reeks meetinstrumenten voor axiale instelling en instelling van de hartlijnhoogte voor de verschillende koppelingsgrootten. Gebruik hiervan wordt ten zeerste aanbevolen voor het instellen van belangrijke parameters zoals:

Hartlijn v.d. beitelhouder



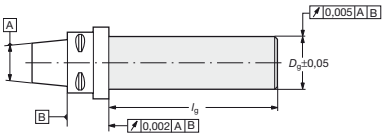
- De hartlijn van de gereedschaphouder
- Spil orientatie
- De gereedschappositie voor grippers
- Centerhoogte gereedschap en positie van de snijkant (f1 en l1 afmetingen). In een instelapparaat kunnen maten worden gebruikt
- Opspanning werkstukken

Instelling gereedschap

Geometrische controle opspanning werkstuk

## Axiaal meetinstrument

### Meetinstrument MAS-11



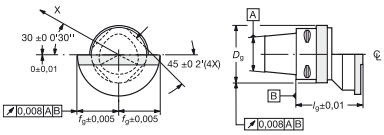

| Afmeting koppeling | Bestelnummer | Afmetingen, mm $D_g$ | $l_g$ |
|---|---|---|---|
| C3 | **C3-MAS-11** | 25 | 160 |
| C4 | **C4-MAS-11** | 25 | 160 |
| C5 | **C5-MAS-11** | 32 | 210 |
| C6 | **C6-MAS-11** | 40 | 315 |
| C8 | **C8-MAS-11** | 40 | 315 |
| C10 | **C10-MAS-11** | 60 | 420 |

## Meetinstrument voor hartlijnhoogte

### Meetinstrument MAS-01

(Polygoon)

Groef voor gripper




| Afmeting koppeling | Bestelnummer | Afmetingen, mm $f_g$ | $l_g$ | $D_g$ |
|---|---|---|---|---|
| C3 | **C3-MAS-01** | 22 | 40 | 34 |
| C4 | **C4-MAS-01** | 27 | 50 | 42 |
| C5 | **C5-MAS-01** | 35 | 60 | 52 |
| C6 | **C6-MAS-01** | 45 | 65 | 65 |
| C8 | **C8-MAS-01** | 55 | 80 | 82 |
| C10 | **C10-MAS-01** | 65 | 100 | 102 |

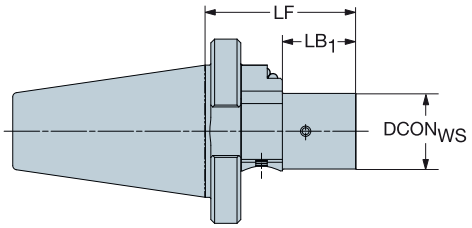
## Meetinstrument voor hartlijnhoogte

| Afmeting koppeling | Bestelnummer | Afmetingen, mm $l_g$ | $D_g$ |
|---|---|---|---|
| C4 | **C4-MAS-25 140** | 140 | 25 |
| C5 | **C5-MAS-32 145** | 145 | 32 |
| C6 | **C6-MAS-40 180** | 180 | 40 |
| C8 | **C8-MAS-40 240** | 240 | 40 |

# Montage-item

**Meetinrichting**

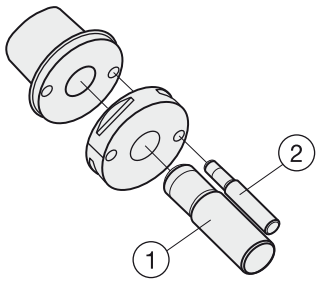





| | | | | | Afmetingen, mm | | |
|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{WS}$ | LF | $LB_1$ |
| 50 | C3 | 0 | 0 | **C3-PMU-I50** | 32 | 75 | 36 |
| | C4 | 0 | 0 | **C4-PMU-I50** | 40 | 80 | 39 |
| | C5 | 0 | 0 | **C5-PMU-I50** | 50 | 90 | 45 |
| | C6 | 0 | 0 | **C6-PMU-I50** | 63 | 107 | 56 |
| | C8 | 0 | 0 | **C8-PMU-I50** | 80 | 127 | 60 |

# Uitlijningsinstrument

Dit gereedschap wordt gebruikt om de positioneertolerantie te controleren van de Automatische Gereeschapswisseling tussen de gripper arm en het magazijn en de spanhouder-unit/spil. Als niet wordt voldaan aan de tolerantie kan het resultaat een abnormale slijtage zijn van het snijgereeschap of de Coromant Capto interface, verkeerde klemming, vallend gereedschap, personele verwondingen enz. Instructies en toleranties zijn aanwezig in de doos bij het gereedschap.




| | **Bestelnummer** | Reserve onderdelen | |
|---|---|---|---|
| | | 1 | 2 |
| Afmeting koppeling | **Klemhouder** | Paspen | Paspen |
| C4 | **C4-AMT-01** | 5552 069-03 | 5552 069-01 |
| C5 | **C5-AMT-01** | 5552 069-04 | 5552 069-01 |
| C6 | **C6-AMT-01** | 5552 069-05 | 5552 069-02 |
| C8 | **C8-AMT-01** | 5552 069-05 | 5552 069-02 |
| C10 | **C10-AMT-01** | 5552 069-09 | 5552 069-08 |

# Aandraaimoment

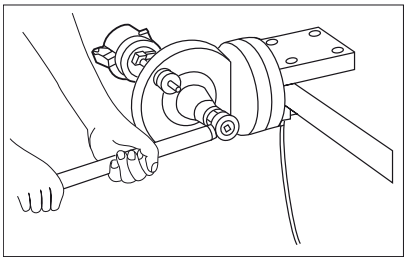
**Aanbevolen draaimoment**

**Coromant Capto aandraaimoment:**

**Handbediende spanhouder-units en aangedreven gereedschappen met excenter mechanisme.**

| CZC | Draaimoment Nm |
|---|---|
| C3 | 35 |
| C4 | 50 |
| C5 | 70 |
| C6 | 90 |
| C8 | 130 |
| C10 | 285 |

**Coromant Capto® basishouders**



**Klemming dmv centrale bout**

| CZC | Draaimoment Nm |
|---|---|
| C3 | 45 |
| C4 | 55 |
| C5 | 95 |
| C6 | 170 |
| C8 | 170 |
| C10 | 380 |

# Montage-item

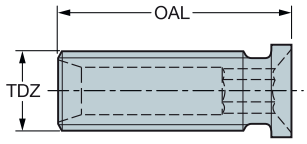
**Koelvloeistofbus voor vast HSK assortiment**



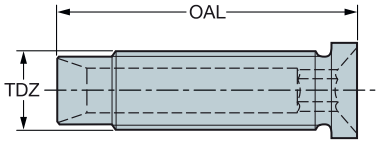
| Afm. HSK | Bestelnummer | Afmetingen, mm BD | THL | OAL | KG | Sleutel Bestelnummer | Draaimoment, Nm |
|---|---|---|---|---|---|---|---|
| 40 | **5692 022-02** | 8 | 7.5 | 29.5 | 0.01 | **5680 094-02** | 10 |
| 50 | **5692 022-03** | 10 | 9.5 | 32.8 | 0.02 | **5680 094-03** | 15 |
| 63 | **5692 022-04** | 12 | 11.5 | 46.5 | 0.03 | **5680 094-04** | 20 |
| 100 | **5692 022-06** | 16 | 15.5 | 44.5 | 0.05 | **5680 094-06** | 30 |
| 100 | **5692 022-16** | | 16.0 | 44 | 0.06 | **5680 094-06** | 30 |
| 125 | **5692 022-07** | 18 | 17.5 | 48 | 0.08 | **5680 094-07** | 30 |

## Krimphouder MQL schroeven

Afb. 1




Afb. 2




| Bestelnummer | Grootte | Fig. | Afmetingen OAL | TDZ | Sleutelmaat |
|---|---|---|---|---|---|
| **5692 039-01** | 6 mm | 2 | 34 | M5 | SW 2,5 |
| **5692 039-02** | 6 mm | 1 | 17 | M5 | SW 2,5 |
| **5692 039-03** | 8 mm | 2 | 34 | M6 | SW 3 |
| **5692 039-04** | 8 mm | 1 | 18 | M6 | SW 3 |
| **5692 039-05** | 10 mm | 2 | 35 | M8x1 | SW 4 |
| **5692 039-06** | 10 mm | 1 | 18 | M8x1 | SW 4 |
| **5692 039-07** | 12 mm | 2 | 35 | M10x1 | SW 5 |
| **5692 039-08** | 12 mm | 1 | 18 | M10x1 | SW 5 |
| **5692 039-09** | 16 mm | 2 | 37 | M10x1 | SW 5 |
| **5692 039-10** | 16 mm | 1 | 22 | M10x1 | SW 5 |
| **5692 039-11** | 20 mm | 2 | 40 | M10x1 | SW 5 |
| **5692 039-12** | 20 mm | 1 | 23,5 | M10x1 | SW 5 |
| **5692 039-13** | 25 mm | 1 | 27,5 | M10x1 | SW 5 |
| **5692 039-14** | 25 mm | 1 | 30,5 | M10x1 | SW 5 |

## Balanceerschroeven



| Bestelnummer |
|---|
| 5514 100-01 |

## Afstelschroeven voor MQL taphouder Corochuck 970-HAxxQ-xx-xxx

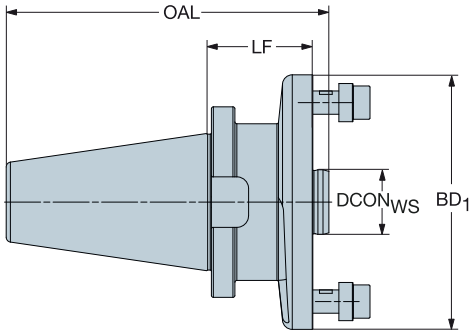
Tappen met uitwendige center

| Tapschachtdiameter, mm | ER20 | ER25 |
|---|---|---|
| 6, 7 | 5692 037-01 | |
| 8, 9 | 5692 037-02 | 5692 037-04 |
| 10 | 5692 037-03 | 5692 037-03 |
| 11-16 | | 5692 037-05 |

N23

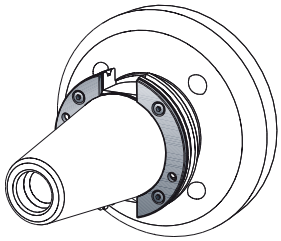
# Corobore® XL voorinsteleenheid

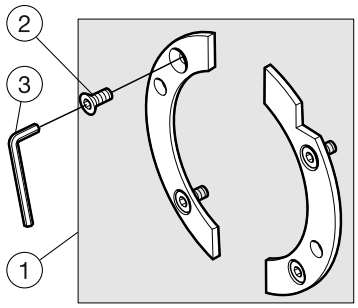





| | | | | Afmetingen, mm | | | | |
|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | **Bestelnummer** | DCON | OAL | LF | $BD_1$ | KG |
| 50 | 33 | 0 | **I50-PMU-A33** | 33 | 178.30 | 50.0 | 130.0 | 5.59 |

## Vulplaatset



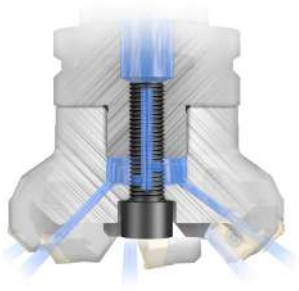



| 1 | 2 | 3 |
|---|---|---|
| Vulplaatset | Schroef | Sleutel |
| 5549 128-50 | 3213 011-256 | 3021 010-025 (2.5) |

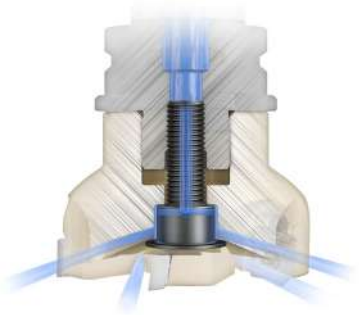
# Doorn-bevestigingsschroef met koelvloeistofgat

## ISO A





| Afmeting doorn | Schroef | | Sleutel |
|---|---|---|---|
| 16 | 5512 073-03 | (M8) | 3021 010-060 (6.0) |
| 22 | 5512 073-01 | (M10) | 3021 010-080 (8.0) |
| 22 | 5512 073-04 | (M10) | 3021 010-080 (8.0) |
| 27 | 5512 073-02 | (M12) | 3021 010-100 (10.0) |
| 32 | 5512 073-05 | (M16) | 3021 010-140 (12.0) |



| Afmeting doorn | Schroef | | Sleutel |
|---|---|---|---|
| 22 | 5512 087-01 | (M10) | 5680 043-17 (30IP) |
| 27 | 5512 087-02 | (M12) | 5680 043-18 (50IP) |
| 27 | 5512 098-05* | (M12) | 5680 043-13 (15IP)<br>5680 043-18 (50IP) |
| 32 | 5512 087-03 | (M16) | 5680 043-19 (55IP) |

* Schroefset met instelbare kap

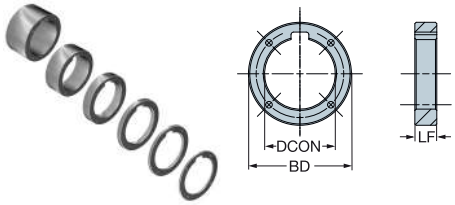
## ISO B



| Afmeting doorn | Schroef | | Sleutel |
|---|---|---|---|
| 32 | 5512 098-04 | (M16) | 3021 010-060 (6.0)<br>3021 010-120 (12.0) |
| 40 | 5512 098-03 | (M20) | 3021 010-060 (6.0)<br>3021 010-120 (12.0) |

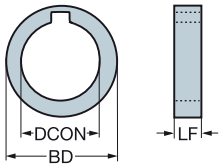
# Afstandsringen

**Assemblage-artikelen voor CoroMill® 331**
**Set met gat**




| Metrisch, mm | LF | 0.5 | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 10 | 20 | 30 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Setcode | DCON | BD | BD | BD | BD | BD | BD | BD | BD | BD | BD | BD |
| 5549 091-032 | 27 | 39 | 39 | 39 | 41 | 41 | 41 | 41 | 41 | 41 | 41 | 41 |
| 5549 091-042 | 32 | 45 | 45 | 45 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| 5549 091-052 | 40 | 54 | 54 | 54 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |

**Set zonder gat**




| **Bestelnummer** | **Voor adapter** | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LF | 0.5 | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 10.0 | 20.0 | 30.0 |
| | | DCON | BD: | BD: | BD: | BD: | BD: | BD: | BD: | BD: | BD: | BD: | BD: |
| **5549 091-011** | **391.10-16…** | 16 | 25 | 25 | 25 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | – |
| **5549 091-021** | **391.10-22…** | 22 | 33 | 33 | 33 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| **5549 091-061** | **391.10-50…** | 50 | 67 | 67 | – | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 |
| **5549 091-071** | **391.10-60…** | 60 | 84 | 84 | – | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |

**Koelmiddelschroef en ring voor CoroMill® 331**



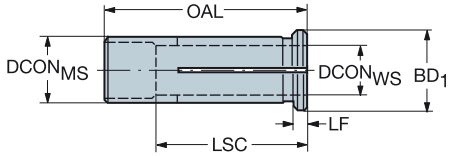
Metrisch

| Setcode | Schroefcode | Ringcode | Afmeting doorn |
|---|---|---|---|
| 5512 076-101 | 5512 076-01 | 5549 210-01 | 27 |
| 5512 076-102 | 5512 076-02 | 5549 210-02 | 32 |
| 5512 076-103 | 5512 076-03 | 5549 210-03 | 40 |

# Cilindrische spanbussen

**Afgedicht voor hoge druk koelmiddel door gereedschap**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | BD | LSC | OAL | LF | BAR | KG |
| 6 | 3 | 1 | 1 | **393.CGS-06 03 27** | 6 | 3 | 9 | 27.0 | 30 | 3 | 80 | 0.012 |
| 12 | 3 | 1 | 1 | **393.CGS-12 03 40** | 12 | 3 | 16 | 40.0 | 44 | 4 | 80 | 0.036 |
| | 4 | 1 | 1 | **393.CGS-12 04 40** | 12 | 4 | 16 | 40.0 | 44 | 4 | 80 | 0.035 |
| | 5 | 1 | 1 | **393.CGS-12 05 40** | 12 | 5 | 16 | 40.0 | 44 | 4 | 80 | 0.030 |
| | 6 | 1 | 1 | **393.CGS-12 06 40** | 12 | 6 | 16 | 40.0 | 44 | 4 | 80 | 0.035 |
| | 7 | 1 | 1 | **393.CGS-12 07 40** | 12 | 7 | 16 | 40.0 | 44 | 4 | 80 | 0.032 |
| | 8 | 1 | 1 | **393.CGS-12 08 40** | 12 | 8 | 16 | 40.0 | 44 | 4 | 80 | 0.029 |
| | 9 | 1 | 1 | **393.CGS-12 09 40** | 12 | 9 | 16 | 40.0 | 44 | 4 | 80 | 0.024 |
| | 10 | 1 | 1 | **393.CGS-12 10 40** | 12 | 10 | 16 | 40.0 | 44 | 4 | 80 | 0.020 |
| 20 | 3 | 1 | 1 | **393.CGS-20 03 52** | 20 | 3 | 25 | 50.0 | 54 | 4 | 80 | 0.118 |
| | 4 | 1 | 1 | **393.CGS-20 04 52** | 20 | 4 | 25 | 50.0 | 54 | 4 | 80 | 0.104 |
| | 5 | 1 | 1 | **393.CGS-20 05 52** | 20 | 5 | 25 | 50.0 | 54 | 4 | 80 | 0.100 |
| | 6 | 1 | 1 | **393.CGS-20 06 52** | 20 | 6 | 25 | 50.0 | 54 | 4 | 80 | 0.110 |
| | 7 | 1 | 1 | **393.CGS-20 07 52** | 20 | 7 | 25 | 50.0 | 54 | 4 | 80 | 0.110 |
| | 8 | 1 | 1 | **393.CGS-20 08 52** | 20 | 8 | 25 | 50.0 | 54 | 4 | 80 | 0.108 |
| | 9 | 1 | 1 | **393.CGS-20 09 52** | 20 | 9 | 25 | 50.0 | 54 | 4 | 80 | 0.106 |
| | 9.7 | 1 | 1 | **393.CGS-20 09.7 50** | 20 | 9 | 25 | 50.0 | 54 | 4 | 80 | 0.102 |
| | 10 | 1 | 1 | **393.CGS-20 10 52** | 20 | 10 | 25 | 50.0 | 54 | 4 | 80 | 0.102 |
| | 11.7 | 1 | 1 | **393.CGS-20 11.7 50** | 20 | 11 | 25 | 50.0 | 54 | 4 | 80 | 0.094 |
| | 12 | 1 | 1 | **393.CGS-20 12 52** | 20 | 12 | 25 | 50.0 | 54 | 4 | 80 | 0.094 |
| | 14 | 1 | 1 | **393.CGS-20 14 52** | 20 | 14 | 25 | 50.0 | 54 | 4 | 80 | 0.081 |
| | 15.7 | 1 | 1 | **393.CGS-20 15.7 50** | 20 | 15 | 25 | 50.0 | 54 | 4 | 80 | 0.067 |
| | 16 | 1 | 1 | **393.CGS-20 16 52** | 20 | 16 | 25 | 50.0 | 54 | 4 | 80 | 0.065 |
| | 18 | 1 | 1 | **393.CGS-20 18 52** | 20 | 18 | 25 | 50.0 | 54 | 4 | 80 | 0.045 |
| 25 | 3 | 1 | 1 | **393.CGS-25 03 56** | 25 | 3 | 30 | 56.0 | 60 | 4 | 80 | 0.212 |
| | 4 | 1 | 1 | **393.CGS-25 04 56** | 25 | 4 | 30 | 56.0 | 60 | 4 | 80 | 0.191 |
| | 5 | 1 | 1 | **393.CGS-25 05 56** | 25 | 5 | 30 | 56.0 | 60 | 4 | 80 | 0.208 |
| | 6 | 1 | 1 | **393.CGS-25 06 56** | 25 | 6 | 30 | 56.0 | 60 | 4 | 80 | 0.192 |
| | 7 | 1 | 1 | **393.CGS-25 07 56** | 25 | 7 | 30 | 56.0 | 60 | 4 | 80 | 0.204 |
| | 8 | 1 | 1 | **393.CGS-25 08 56** | 25 | 8 | 30 | 56.0 | 60 | 4 | 80 | 0.200 |
| | 9 | 1 | 1 | **393.CGS-25 09 56** | 25 | 9 | 30 | 56.0 | 60 | 4 | 80 | 0.197 |
| | 9.7 | 1 | 1 | **393.CGS-25 09.7 56** | 25 | 9 | 30 | 56.0 | 60 | 4 | 80 | 0.185 |
| | 10 | 1 | 1 | **393.CGS-25 10 56** | 25 | 10 | 30 | 56.0 | 60 | 4 | 80 | 0.186 |
| | 11.7 | 1 | 1 | **393.CGS-25 11.7 56** | 25 | 11 | 30 | 56.0 | 60 | 4 | 80 | 0.161 |
| | 12 | 1 | 1 | **393.CGS-25 12 56** | 25 | 12 | 30 | 56.0 | 60 | 4 | 80 | 0.167 |
| | 14 | 1 | 1 | **393.CGS-25 14 56** | 25 | 14 | 30 | 56.0 | 60 | 4 | 80 | 0.156 |
| | 15.7 | 1 | 1 | **393.CGS-25 15.7 56** | 25 | 15 | 30 | 56.0 | 60 | 4 | 80 | 0.151 |
| | 16 | 1 | 1 | **393.CGS-25 16 56** | 25 | 16 | 30 | 56.0 | 60 | 4 | 80 | 0.150 |
| | 18 | 1 | 1 | **393.CGS-25 18 56** | 25 | 18 | 30 | 56.0 | 60 | 4 | 80 | 0.121 |
| | 19.7 | 1 | 1 | **393.CGS-25 19.7 56** | 25 | 19 | 30 | 56.0 | 60 | 4 | 80 | 0.102 |
| | 20 | 1 | 1 | **393.CGS-25 20 56** | 25 | 20 | 30 | 56.0 | 60 | 4 | 80 | 0.100 |
| 32 | 8 | 1 | 1 | **393.CGS-32 08 60** | 32 | 8 | 36 | 60.0 | 64 | 4 | 80 | 0.329 |
| | 10 | 1 | 1 | **393.CGS-32 10 60** | 32 | 10 | 36 | 60.0 | 64 | 4 | 80 | 0.300 |
| | 12 | 1 | 1 | **393.CGS-32 12 60** | 32 | 12 | 36 | 60.0 | 64 | 4 | 80 | 0.312 |
| | 14 | 1 | 1 | **393.CGS-32 14 60** | 32 | 14 | 36 | 60.0 | 64 | 4 | 80 | 0.300 |
| | 15.7 | 1 | 1 | **393.CGS-32 15.7 60** | 32 | 15 | 36 | 60.0 | 64 | 4 | 80 | 0.287 |
| | 16 | 1 | 1 | **393.CGS-32 16 60** | 32 | 16 | 36 | 60.0 | 64 | 4 | 80 | 0.288 |
| | 18 | 1 | 1 | **393.CGS-32 18 60** | 32 | 18 | 36 | 60.0 | 64 | 4 | 80 | 0.268 |
| | 19.7 | 1 | 1 | **393.CGS-32 19.7 60** | 32 | 19 | 36 | 60.0 | 64 | 4 | 80 | 0.248 |
| | 20 | 1 | 1 | **393.CGS-32 20 60** | 32 | 20 | 36 | 60.0 | 64 | 4 | 80 | 0.248 |
| | 24.7 | 1 | 1 | **393.CGS-32 24.7 60** | 32 | 24 | 36 | 60.0 | 64 | 4 | 80 | 0.184 |
| | 25 | 1 | 1 | **393.CGS-32 25 60** | 32 | 25 | 36 | 60.0 | 64 | 4 | 80 | 0.181 |

LSC Opspanlengte vereist om afdichtingseffect te realiseren.

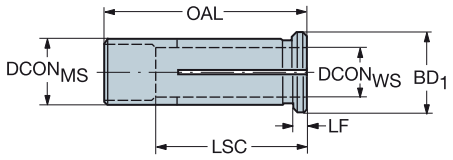
Zie pagina M18 voor verwijderingsinstrumenten voor cilindrische spantangen

N23 N15

# Cilindrische spanbussen

**Precisie koelmiddeltoevoer**






| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | OAL | LF | BAR | KG |
| 12 | 2.90 | 1 | 4 | **393.CF-12 02.9 40** | 12.00 | 2.90 | 40.00 | 44.00 | 4 | 80 | 0.03 |
| | 3.00 | 1 | 4 | **393.CF-12 03 40** | 12.00 | 3.00 | 40.00 | 44.00 | 4 | 80 | 0.03 |
| | 3.80 | 1 | 4 | **393.CF-12 03.8 40** | 12.00 | 3.80 | 29.00 | 44.00 | 4 | 80 | 0.03 |
| | 4.00 | 1 | 4 | **393.CF-12 04 40** | 12.00 | 4.00 | 40.00 | 44.00 | 4 | 80 | 0.03 |
| | 4.80 | 1 | 4 | **393.CF-12 04.8 40** | 12.00 | 4.80 | 30.00 | 44.00 | 4 | 80 | 0.03 |
| | 5.00 | 1 | 4 | **393.CF-12 05 40** | 12.00 | 5.00 | 36.00 | 44.00 | 4 | 80 | 0.03 |
| | 5.80 | 1 | 4 | **393.CF-12 05.8 40** | 12.00 | 5.80 | 36.00 | 44.00 | 4 | 80 | 0.03 |
| | 6.00 | 1 | 4 | **393.CF-12 06 40** | 12.00 | 6.00 | 36.00 | 44.00 | 4 | 80 | 0.03 |
| | 7.80 | 1 | 4 | **393.CF-12 07.8 40** | 12.00 | 7.80 | 37.00 | 44.00 | 4 | 80 | 0.02 |
| | 8.00 | 1 | 4 | **393.CF-12 08 40** | 12.00 | 8.00 | 40.00 | 44.00 | 4 | 80 | 0.02 |
| 20 | 6.00 | 1 | 4 | **393.CF-20 06 50** | 20.00 | 6.00 | 50.00 | 54.00 | 4 | 80 | 0.11 |
| | 8.00 | 1 | 4 | **393.CF-20 08 50** | 20.00 | 8.00 | 37.00 | 54.00 | 4 | 80 | 0.10 |
| | 9.70 | 1 | 4 | **393.CF-20 09.7 50** | 20.00 | 9.70 | 40.00 | 54.00 | 4 | 80 | 0.10 |
| | 10.00 | 1 | 4 | **393.CF-20 10 50** | 20.00 | 10.00 | 45.00 | 54.00 | 4 | 80 | 0.09 |
| | 11.70 | 1 | 4 | **393.CF-20 11.7 50** | 20.00 | 11.70 | 45.00 | 54.00 | 4 | 80 | 0.09 |
| | 12.00 | 1 | 4 | **393.CF-20 12 50** | 20.00 | 12.00 | 45.00 | 54.00 | 4 | 80 | 0.09 |
| | 15.70 | 1 | 4 | **393.CF-20 15.7 50** | 20.00 | 15.70 | 50.00 | 54.00 | 4 | 80 | 0.06 |
| | 16.00 | 1 | 4 | **393.CF-20 16 50** | 20.00 | 16.00 | 48.00 | 54.00 | 4 | 80 | 0.06 |
| 25 | 9.70 | 1 | 4 | **393.CF-25 09.7 56** | 25.00 | 9.70 | 56.00 | 60.00 | 4 | 80 | 0.18 |
| | 10.00 | 1 | 4 | **393.CF-25 10 56** | 25.00 | 10.00 | 56.00 | 60.00 | 4 | 80 | 0.16 |
| | 11.70 | 1 | 4 | **393.CF-25 11.7 56** | 25.00 | 11.70 | 41.00 | 60.00 | 4 | 80 | 0.16 |
| | 12.00 | 1 | 4 | **393.CF-25 12 56** | 25.00 | 12.00 | 46.00 | 60.00 | 4 | 80 | 0.16 |
| | 15.70 | 1 | 4 | **393.CF-25 15.7 56** | 25.00 | 15.70 | 56.00 | 60.00 | 4 | 80 | 0.15 |
| | 16.00 | 1 | 4 | **393.CF-25 16 56** | 25.00 | 16.00 | 56.00 | 60.00 | 4 | 80 | 0.15 |
| | 19.70 | 1 | 4 | **393.CF-25 19.7 56** | 25.00 | 19.70 | 56.00 | 60.00 | 4 | 80 | 0.10 |
| | 20.00 | 1 | 4 | **393.CF-25 20 56** | 25.00 | 20.00 | 50.00 | 60.00 | 4 | 80 | 0.10 |
| 32 | 15.70 | 1 | 4 | **393.CF-32 15.7 60** | 32.00 | 15.70 | 60.00 | 64.00 | 4 | 80 | 0.28 |
| | 19.70 | 1 | 4 | **393.CF-32 19.7 60** | 32.00 | 19.70 | 60.00 | 64.00 | 4 | 80 | 0.24 |
| | 20.00 | 1 | 4 | **393.CF-32 20 60** | 32.00 | 20.00 | 60.00 | 64.00 | 4 | 80 | 0.24 |
| | 24.70 | 1 | 4 | **393.CF-32 24.7 60** | 32.00 | 24.70 | 56.00 | 64.00 | 4 | 80 | 0.18 |
| | 25.00 | 1 | 4 | **393.CF-32 25 60** | 32.00 | 25.00 | 57.00 | 64.00 | 4 | 80 | 0.18 |

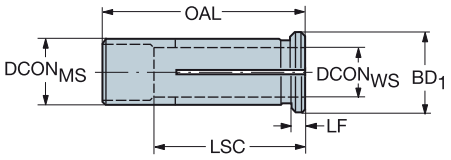
Zie pagina M18 voor verwijderingsinstrumenten voor cilindrische spantangen

N23 N15

# Cilindrische spanbussen

**Koelmiddel door bus**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | BD | LSC | OAL | LF | BAR | KG |
| 12 | 6 | 1 | 4 | **393.CG-12 06 40** | 12 | 6 | 16 | 40.0 | 44 | 4 | 80 | 0.034 |
| | 7 | 1 | 4 | **393.CG-12 07 40** | 12 | 7 | 16 | 40.0 | 44 | 4 | 80 | 0.030 |
| | 8 | 1 | 4 | **393.CG-12 08 40** | 12 | 8 | 16 | 40.0 | 44 | 4 | 80 | 0.029 |
| | 9 | 1 | 4 | **393.CG-12 09 40** | 12 | 9 | 16 | 40.0 | 44 | 4 | 80 | 0.025 |
| | 10 | 1 | 4 | **393.CG-12 10 40** | 12 | 10 | 16 | 40.0 | 44 | 4 | 80 | 0.020 |
| 20 | 3 | 1 | 4 | **393.CG-20 03 52** | 20 | 3 | 25 | 50.0 | 54 | 4 | 80 | 0.120 |
| | 4 | 1 | 4 | **393.CG-20 04 52** | 20 | 4 | 25 | 50.0 | 54 | 4 | 80 | 0.114 |
| | 5 | 1 | 4 | **393.CG-20 05 52** | 20 | 5 | 25 | 50.0 | 54 | 4 | 80 | 0.100 |
| | 6 | 1 | 4 | **393.CG-20 06 52** | 20 | 6 | 25 | 50.0 | 54 | 4 | 80 | 0.113 |
| | 7 | 1 | 4 | **393.CG-20 07 52** | 20 | 7 | 25 | 50.0 | 54 | 4 | 80 | 0.100 |
| | 8 | 1 | 4 | **393.CG-20 08 52** | 20 | 8 | 25 | 50.0 | 54 | 4 | 80 | 0.109 |
| | 9 | 1 | 4 | **393.CG-20 09 52** | 20 | 9 | 25 | 50.0 | 54 | 4 | 80 | 0.103 |
| | 10 | 1 | 4 | **393.CG-20 10 52** | 20 | 10 | 25 | 50.0 | 54 | 4 | 80 | 0.101 |
| | 12 | 1 | 4 | **393.CG-20 12 52** | 20 | 12 | 25 | 50.0 | 54 | 4 | 80 | 0.095 |
| | 14 | 1 | 4 | **393.CG-20 14 52** | 20 | 14 | 25 | 50.0 | 54 | 4 | 80 | 0.080 |
| | 16 | 1 | 4 | **393.CG-20 16 52** | 20 | 16 | 25 | 50.0 | 54 | 4 | 80 | 0.064 |
| 25 | 6 | 1 | 4 | **393.CG-25 06 56** | 25 | 6 | 30 | 56.0 | 60 | 4 | 80 | 0.192 |
| | 8 | 1 | 4 | **393.CG-25 08 56** | 25 | 8 | 30 | 56.0 | 60 | 4 | 80 | 0.200 |
| | 10 | 1 | 4 | **393.CG-25 10 56** | 25 | 10 | 30 | 56.0 | 60 | 4 | 80 | 0.171 |
| | 12 | 1 | 4 | **393.CG-25 12 56** | 25 | 12 | 30 | 56.0 | 60 | 4 | 80 | 0.168 |
| | 14 | 1 | 4 | **393.CG-25 14 56** | 25 | 14 | 30 | 56.0 | 60 | 4 | 80 | 0.154 |
| | 16 | 1 | 4 | **393.CG-25 16 56** | 25 | 16 | 30 | 56.0 | 60 | 4 | 80 | 0.139 |
| | 18 | 1 | 4 | **393.CG-25 18 56** | 25 | 18 | 30 | 56.0 | 60 | 4 | 80 | 0.120 |
| | 20 | 1 | 4 | **393.CG-25 20 56** | 25 | 20 | 30 | 56.0 | 60 | 4 | 80 | 0.100 |
| 32 | 6 | 1 | 4 | **393.CG-32 06 60** | 32 | 6 | 36 | 60.0 | 64 | 4 | 80 | 0.306 |
| | 8 | 1 | 4 | **393.CG-32 08 60** | 32 | 8 | 36 | 60.0 | 64 | 4 | 80 | 0.328 |
| | 10 | 1 | 4 | **393.CG-32 10 60** | 32 | 10 | 36 | 60.0 | 64 | 4 | 80 | 0.324 |
| | 12 | 1 | 4 | **393.CG-32 12 60** | 32 | 12 | 36 | 60.0 | 64 | 4 | 80 | 0.314 |
| | 14 | 1 | 4 | **393.CG-32 14 60** | 32 | 14 | 36 | 60.0 | 64 | 4 | 80 | 0.300 |
| | 16 | 1 | 4 | **393.CG-32 16 60** | 32 | 16 | 36 | 60.0 | 64 | 4 | 80 | 0.282 |
| | 18 | 1 | 4 | **393.CG-32 18 60** | 32 | 18 | 36 | 60.0 | 64 | 4 | 80 | 0.267 |
| | 20 | 1 | 4 | **393.CG-32 20 60** | 32 | 20 | 36 | 60.0 | 64 | 4 | 80 | 0.246 |
| | 25 | 1 | 4 | **393.CG-32 25 60** | 32 | 25 | 36 | 60.0 | 64 | 4 | 80 | 0.181 |

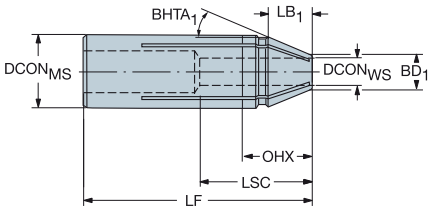
Zie pagina M18 voor verwijderingsinstrumenten voor cilindrische spantangen

N23 N15

# Cilindrische spanbussen

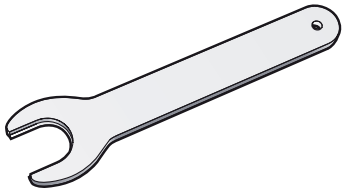
**Smal model**






| | | | | | Afmetingen, mm | | | | | | | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | BD | LB | BHTA | LSC | LF | | |
| 20 | 3 | 1 | 4 | **393.CGP-20 03 72** | 20 | 3 | 7 | 14 | 20° | 55.0 | 72 | 80 | 0.134 |
| | 6 | 1 | 4 | **393.CGP-20 06 72** | 20 | 6 | 9 | 14 | 20° | 55.0 | 72 | 80 | 0.139 |
| | 8 | 1 | 4 | **393.CGP-20 08 72** | 20 | 8 | 11 | 13 | 17° | 55.0 | 72 | 80 | 0.127 |
| | 10 | 1 | 4 | **393.CGP-20 10 72** | 20 | 10 | 13 | 13 | 15° | 55.0 | 72 | 80 | 0.123 |
| | 12 | 1 | 4 | **393.CGP-20 12 72** | 20 | 12 | 15 | 13 | 13° | 55.0 | 72 | 80 | 0.112 |

# Extractor voor cilindrische spanbussen



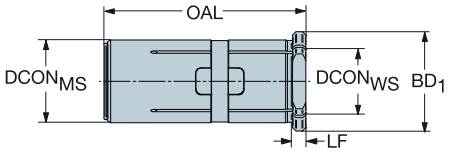
| **Bestelnummer** | Voor spanhuls grootte |
|---|---|
| **5680 061-01** | 12 |
| **5680 061-02** | 16 |
| **5680 061-03** | 20 |
| **5680 061-04** | 25 |
| **5680 061-05** | 32 |

N23 N15

# Cilindrische huls met mechanische borgkoppeling

393.CLF





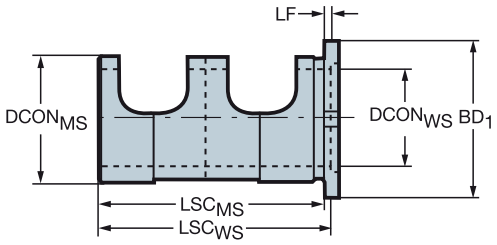

| Toepassing | Bestelnummer | Afmetingen, mm | | | | | Onderdelen | |
|---|---|---|---|---|---|---|---|---|
| | | $DCON_{WS}$ | $DCON_{MS}$ | $BD_1$ | LF | OAL | Borgschroef | Montagegereedschap |
| CoroChuck™ 930 HD32 | 393.CLF-321660 | 16 | 32 | 36 | 4 | 65 | 5519 140-02 | 5680 140-02 |
| | 393.CLF-322060 | 20 | 32 | 36 | 4 | 65 | | |
| | 393.CLF-322560 | 25 | 32 | 36 | 4 | 65 | | |
| CoroChuck™ 930 HD/S25 | 393.CLF-251256 | 12 | 25 | 30 | 4 | 61 | 5519 140-02 | 5680 140-02 |
| | 393.CLF-251656 | 16 | 25 | 30 | 4 | 61 | | |
| | 393.CLF-252056 | 20 | 25 | 30 | 4 | 61 | | |
| CoroChuck™ 930 HD/S20 | 393.CLF-201052 | 10 | 20 | 25 | 4 | 55 | 5519 140-01 | 5680 140-01 |
| | 393.CLF-201252 | 12 | 20 | 25 | 4 | 55 | | |
| | 393.CLF-201652 | 16 | 20 | 25 | 4 | 55 | | |

Borgschroef en montagegereedschap apart bestellen.
Raadpleeg voor assemblage-instructies www.sandvik.coromant.com/corochuck930/instructions

# Excentrische bus

**Voor CoroDrill® 880**






| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | ADJLN | ADJLX | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | $BD_1$ | $LB_1$ | OAL | LF | KG |
| 25 | 20 | -0.30 | 0.30 | **416.2-L20-25** | 25 | 20 | 33 | 5 | 60 | 2 | 0.084 |
| 32 | 25 | -0.30 | 0.30 | **416.2-L25-32** | 32 | 25 | 40 | 5 | 65 | 3 | 0.153 |
| 40 | 32 | -0.30 | 0.30 | **416.2-L32-40** | 40 | 32 | 50 | 5 | 75 | 2 | 0.238 |
| 50 | 40 | -0.30 | 0.30 | **416.2-L40-50** | 50 | 40 | 60 | 5 | 85 | 2 | 0.419 |

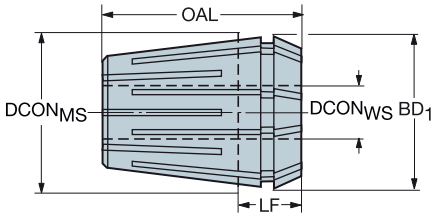
N23 N15

# Schaublin spantang

**Afgedicht voor hoge druk koelmiddel door gereedschap**

**Compatibel met DIN 6499-B**






| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | $DCONN_{WS}$ | $DCONX_{WS}$ | $BD_1$ | OAL | LF | BAR | KG |
| ER16 | 3 (h9) | 1 | 1 | **393.15-16 03** | 17 | 3 | | | 17 | 27 | 10 | 300 | 0.026 |
| | 4 (h9) | 1 | 1 | **393.15-16 04** | 17 | 4 | | | 17 | 27 | 10 | 300 | 0.025 |
| | 5.0 - 4.5 | 1 | 1 | **393.15-16 05** | 17 | | 4.5 | 5.0 | 17 | 27 | 10 | 300 | 0.026 |
| | 6.0 - 5.5 | 1 | 1 | **393.15-16 06** | 17 | | 5.5 | 6.0 | 17 | 27 | 10 | 300 | 0.024 |
| | 8.0 - 7.5 | 1 | 1 | **393.15-16 08** | 17 | | 7.5 | 8.0 | 17 | 27 | 10 | 300 | 0.021 |
| | 10.0 - 9.5 | 1 | 1 | **393.15-16 10** | 17 | | 9.5 | 10.0 | 17 | 27 | 10 | 300 | 0.017 |
| ER20 | 3 (h9) | 1 | 1 | **393.15-20 03** | 21 | 3 | | | 21 | 31 | 11 | 300 | 0.047 |
| | 4 (h9) | 1 | 1 | **393.15-20 04** | 21 | 4 | | | 21 | 31 | 11 | 300 | 0.046 |
| | 5 (h9) | 1 | 1 | **393.15-20 05** | 21 | 5 | | | 21 | 31 | 11 | 300 | 0.045 |
| | 6 (h9) | 1 | 1 | **393.15-20 06** | 21 | 6 | | | 21 | 31 | 11 | 300 | 0.044 |
| | 8.0 - 7.5 | 1 | 1 | **393.15-20 08** | 21 | | 7.5 | 8.0 | 21 | 31 | 11 | 300 | 0.041 |
| | 10.0 - 9.5 | 1 | 1 | **393.15-20 10** | 21 | | 9.5 | 10.0 | 21 | 31 | 11 | 300 | 0.036 |
| | 12.0 - 11.5 | 1 | 1 | **393.15-20 12** | 21 | | 11.5 | 12.0 | 21 | 31 | 11 | 300 | 0.030 |
| ER25 | 6 (h9) | 1 | 1 | **393.15-25 06** | 26 | 6 | | | 26 | 34 | 11 | 300 | 0.080 |
| | 8.0 - 7.5 | 1 | 1 | **393.15-25 08** | 26 | | 7.5 | 8.0 | 26 | 34 | 11 | 300 | 0.078 |
| | 10.0 - 9.5 | 1 | 1 | **393.15-25 10** | 26 | | 9.5 | 10.0 | 26 | 34 | 11 | 300 | 0.074 |
| | 12.0 - 11.5 | 1 | 1 | **393.15-25 12** | 26 | | 11.5 | 12.0 | 26 | 34 | 11 | 300 | 0.066 |
| | 14.0 - 13.5 | 1 | 1 | **393.15-25 14** | 26 | | 13.5 | 14.0 | 26 | 34 | 11 | 300 | 0.060 |
| | 16.0 - 15.5 | 1 | 1 | **393.15-25 16** | 26 | | 15.5 | 16.0 | 26 | 34 | 11 | 300 | 0.049 |
| ER32 | 6 (h9) | 1 | 1 | **393.15-32 06** | 33 | 6 | | | 33 | 40 | 12 | 300 | 0.163 |
| | 8.0 - 7.5 | 1 | 1 | **393.15-32 08** | 33 | | 7.5 | 8.0 | 33 | 40 | 12 | 300 | 0.167 |
| | 10.0 - 9.5 | 1 | 1 | **393.15-32 10** | 33 | | 9.5 | 10.0 | 33 | 40 | 12 | 300 | 0.158 |
| | 12.0 - 11.5 | 1 | 1 | **393.15-32 12** | 33 | | 11.5 | 12.0 | 33 | 40 | 12 | 300 | 0.154 |
| | 14.0 - 13.5 | 1 | 1 | **393.15-32 14** | 33 | | 13.5 | 14.0 | 33 | 40 | 12 | 300 | 0.135 |
| | 16.0 - 15.5 | 1 | 1 | **393.15-32 16** | 33 | | 15.5 | 16.0 | 33 | 40 | 12 | 300 | 0.124 |
| | 18.0 - 17.5 | 1 | 1 | **393.15-32 18** | 33 | | 17.5 | 18.0 | 33 | 40 | 12 | 300 | 0.112 |
| | 20.0 - 19.5 | 1 | 1 | **393.15-32 20** | 33 | | 19.5 | 20.0 | 33 | 40 | 12 | 300 | 0.098 |
| ER40 | 6 (h9) | 1 | 1 | **393.15-40 06** | 41 | 6 | | | 41 | 46 | 14 | 300 | 0.291 |
| | 8 (h9) | 1 | 1 | **393.15-40 08** | 41 | 8 | | | 41 | 46 | 14 | 300 | 0.289 |
| | 10.0 - 9.5 | 1 | 1 | **393.15-40 10** | 41 | | 9.5 | 10.0 | 41 | 46 | 14 | 300 | 0.293 |
| | 12.0 - 11.5 | 1 | 1 | **393.15-40 12** | 41 | | 11.5 | 12.0 | 41 | 46 | 14 | 300 | 0.286 |
| | 14.0 - 13.5 | 1 | 1 | **393.15-40 14** | 41 | | 13.5 | 14.0 | 41 | 46 | 14 | 300 | 0.276 |
| | 16.0 - 15.5 | 1 | 1 | **393.15-40 16** | 41 | | 15.5 | 16.0 | 41 | 46 | 14 | 300 | 0.265 |
| | 18.0 - 17.5 | 1 | 1 | **393.15-40 18** | 41 | | 17.5 | 18.0 | 41 | 46 | 14 | 300 | 0.250 |
| | 20.0 - 19.5 | 1 | 1 | **393.15-40 20** | 41 | | 19.5 | 20.0 | 41 | 46 | 14 | 300 | 0.232 |
| | 25.0 - 24.5 | 1 | 1 | **393.15-40 25** | 41 | | 24.5 | 25.0 | 41 | 46 | 14 | 300 | 0.181 |

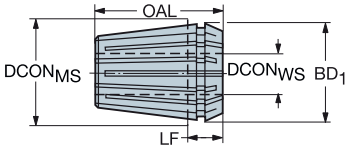
N23 N15

# Schaublin spantang

**Koelmiddel door spantang**

**Compatibel met DIN 6499-B**






| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCONN_{WS}$ | $DCONX_{WS}$ | $BD_1$ | OAL | LF | BAR | KG |
| ER8 | 3.00 - 2.50 | 1 | 4 | **393.14-08 0300** | 8 | 2.5 | 3.0 | 8 | 13 | 4 | 300 | 0.005 |
| | 3.50 - 3.00 | 1 | 4 | **393.14-08 0350** | 8 | 3.0 | 3.5 | 8 | 13 | 4 | 300 | 0.005 |
| | 4.00 - 3.50 | 1 | 4 | **393.14-08 0400** | 8 | 3.5 | 4.0 | 11 | 13 | 4 | 300 | 0.005 |
| ER11 | 1.00 - 0.75 | 1 | 4 | **393.14-11 0100** | 11 | 0.8 | 1.0 | 11 | 18 | 6 | 300 | 0.009 |
| | 1.25 - 1.00 | 1 | 4 | **393.14-11 0125** | 11 | 1.0 | 1.3 | 11 | 18 | 6 | 300 | 0.009 |
| | 1.50 - 1.25 | 1 | 4 | **393.14-11 0150** | 11 | 1.3 | 1.5 | 11 | 18 | 6 | 300 | 0.009 |
| | 1.75 - 1.50 | 1 | 4 | **393.14-11 0175** | 11 | 1.5 | 1.8 | 11 | 18 | 6 | 300 | 0.009 |
| | 2.00 - 1.75 | 1 | 4 | **393.14-11 0200** | 11 | 1.8 | 2.0 | 11 | 18 | 6 | 300 | 0.009 |
| | 2.25 - 2.00 | 1 | 4 | **393.14-11 0225** | 11 | 2.0 | 2.3 | 11 | 18 | 6 | 300 | 0.009 |
| | 2.50 - 2.25 | 1 | 4 | **393.14-11 0250** | 11 | 2.3 | 2.5 | 11 | 18 | 6 | 300 | 0.009 |
| | 3.00 - 2.50 | 1 | 4 | **393.14-11 0300** | 11 | 2.5 | 3.0 | 11 | 18 | 6 | 300 | 0.009 |
| | 3.50 - 3.00 | 1 | 4 | **393.14-11 0350** | 11 | 3.0 | 3.5 | 11 | 18 | 6 | 300 | 0.009 |
| | 4.00 - 3.50 | 1 | 4 | **393.14-11 0400** | 11 | 3.5 | 4.0 | 11 | 18 | 6 | 300 | 0.009 |
| | 4.50 - 4.00 | 1 | 4 | **393.14-11 0450** | 11 | 4.0 | 4.5 | 11 | 18 | 6 | 300 | 0.009 |
| | 5.00 - 4.50 | 1 | 4 | **393.14-11 0500** | 11 | 4.5 | 5.0 | 11 | 18 | 6 | 300 | 0.009 |
| | 5.50 - 5.00 | 1 | 4 | **393.14-11 0550** | 11 | 5.0 | 5.5 | 11 | 18 | 6 | 300 | 0.008 |
| | 6.00 - 5.50 | 1 | 4 | **393.14-11 0600** | 11 | 5.5 | 6.0 | 11 | 18 | 6 | 300 | 0.007 |
| | 6.50 - 6.00 | 1 | 4 | **393.14-11 0650** | 11 | 6.0 | 6.5 | 11 | 18 | 6 | 300 | 0.007 |
| | 7.00 - 6.50 | 1 | 4 | **393.14-11 0700** | 11 | 6.5 | 7.0 | 11 | 18 | 6 | 300 | 0.006 |
| ER16 | 1.0 - 0.5 | 1 | 4 | **393.14-16 0100** | 17 | 0.5 | 1.0 | 17 | 27 | 10 | 300 | 0.027 |
| | 1.5 - 1.0 | 1 | 4 | **393.14-16 0150** | 17 | 1.0 | 1.5 | 17 | 27 | 10 | 300 | 0.027 |
| | 2.0 - 1.0 | 1 | 4 | **393.14-16 0200** | 17 | 1.0 | 2.0 | 17 | 27 | 10 | 300 | 0.027 |
| | 2.5 - 1.5 | 1 | 4 | **393.14-16 0250** | 17 | 1.5 | 2.5 | 17 | 27 | 10 | 300 | 0.027 |
| | 3.0 - 2.0 | 1 | 4 | **393.14-16 0300** | 17 | 2.0 | 3.0 | 17 | 27 | 10 | 300 | 0.024 |
| | 4.0 - 3.0 | 1 | 4 | **393.14-16 0400** | 17 | 3.0 | 4.0 | 17 | 27 | 10 | 300 | 0.003 |
| | 5.0 - 4.0 | 1 | 4 | **393.14-16 0500** | 17 | 4.0 | 5.0 | 17 | 27 | 10 | 300 | 0.025 |
| | 6.0 - 5.0 | 1 | 4 | **393.14-16 0600** | 17 | 5.0 | 6.0 | 17 | 27 | 10 | 300 | 0.023 |
| | 7.0 - 6.0 | 1 | 4 | **393.14-16 0700** | 17 | 6.0 | 7.0 | 17 | 27 | 10 | 300 | 0.021 |
| | 8.0 - 7.0 | 1 | 4 | **393.14-16 0800** | 17 | 7.0 | 8.0 | 17 | 27 | 10 | 300 | 0.020 |
| | 9.0 - 8.0 | 1 | 4 | **393.14-16 0900** | 17 | 8.0 | 9.0 | 17 | 27 | 10 | 300 | 0.018 |
| | 10.0 - 9.0 | 1 | 4 | **393.14-16 1000** | 17 | 9.0 | 10.0 | 17 | 27 | 10 | 300 | 0.016 |
| ER20 | 1.5 - 1.0 | 1 | 4 | **393.14-20 015** | 21 | 1.0 | 1.5 | 21 | 31 | 11 | 300 | 0.047 |
| | 2.0 - 1.5 | 1 | 4 | **393.14-20 020** | 21 | 1.5 | 2.0 | 21 | 31 | 11 | 300 | 0.049 |
| | 2.5 - 2.0 | 1 | 4 | **393.14-20 025** | 21 | 2.0 | 2.5 | 21 | 31 | 11 | 300 | 0.048 |
| | 3.0 - 2.5 | 1 | 4 | **393.14-20 030** | 21 | 2.5 | 3.0 | 21 | 31 | 11 | 300 | 0.046 |
| | 4.0 - 3.0 | 1 | 4 | **393.14-20 040** | 21 | 3.0 | 4.0 | 21 | 31 | 11 | 300 | 0.045 |
| | 5.0 - 4.0 | 1 | 4 | **393.14-20 050** | 21 | 4.0 | 5.0 | 21 | 31 | 11 | 300 | 0.044 |
| | 6.0 - 5.0 | 1 | 4 | **393.14-20 060** | 21 | 5.0 | 6.0 | 21 | 31 | 11 | 300 | 0.043 |
| | 7.0 - 6.0 | 1 | 4 | **393.14-20 070** | 21 | 6.0 | 7.0 | 21 | 31 | 11 | 300 | 0.041 |
| | 8.0 - 7.0 | 1 | 4 | **393.14-20 080** | 21 | 7.0 | 8.0 | 21 | 31 | 11 | 300 | 0.037 |
| | 9.0 - 8.0 | 1 | 4 | **393.14-20 090** | 21 | 8.0 | 9.0 | 21 | 31 | 11 | 300 | 0.037 |
| | 10.0 - 9.0 | 1 | 4 | **393.14-20 100** | 21 | 9.0 | 10.0 | 21 | 31 | 11 | 300 | 0.034 |
| | 11.0 - 10.0 | 1 | 4 | **393.14-20 110** | 21 | 10.0 | 11.0 | 21 | 31 | 11 | 300 | 0.033 |
| | 12.0 - 11.0 | 1 | 4 | **393.14-20 120** | 21 | 11.0 | 12.0 | 21 | 31 | 11 | 300 | 0.031 |
| | 13.0 - 12.0 | 1 | 4 | **393.14-20 130** | 21 | 12.0 | 13.0 | 21 | 31 | 11 | 300 | 0.026 |
| ER25 | 2.0 - 1.5 | 1 | 4 | **393.14-25 020** | 26 | 1.5 | 2.0 | 26 | 34 | 11 | 300 | 0.079 |
| | 2.5 - 2.0 | 1 | 4 | **393.14-25 025** | 26 | 2.0 | 2.5 | 26 | 34 | 11 | 300 | 0.079 |
| | 3.0 - 2.5 | 1 | 4 | **393.14-25 030** | 26 | 2.5 | 3.0 | 26 | 34 | 11 | 300 | 0.078 |
| | 4.0 - 3.0 | 1 | 4 | **393.14-25 040** | 26 | 3.0 | 4.0 | 26 | 34 | 11 | 300 | 0.079 |
| | 5.0 - 4.0 | 1 | 4 | **393.14-25 050** | 26 | 4.0 | 5.0 | 26 | 34 | 11 | 300 | 0.078 |
| | 6.0 - 5.0 | 1 | 4 | **393.14-25 060** | 26 | 5.0 | 6.0 | 26 | 34 | 11 | 300 | 0.076 |
| | 7.0 - 6.0 | 1 | 4 | **393.14-25 070** | 26 | 6.0 | 7.0 | 26 | 34 | 11 | 300 | 0.076 |
| | 8.0 - 7.0 | 1 | 4 | **393.14-25 080** | 26 | 7.0 | 8.0 | 26 | 34 | 11 | 300 | 0.073 |
| | 9.0 - 8.0 | 1 | 4 | **393.14-25 090** | 26 | 8.0 | 9.0 | 26 | 34 | 11 | 300 | 0.078 |
| | 10.0 - 9.0 | 1 | 4 | **393.14-25 100** | 26 | 9.0 | 10.0 | 26 | 34 | 11 | 300 | 0.070 |
| | 11.0 - 10.0 | 1 | 4 | **393.14-25 110** | 26 | 10.0 | 11.0 | 26 | 34 | 11 | 300 | 0.067 |
| | 12.0 - 11.0 | 1 | 4 | **393.14-25 120** | 26 | 11.0 | 12.0 | 26 | 34 | 11 | 300 | 0.064 |
| | 13.0 - 12.0 | 1 | 4 | **393.14-25 130** | 26 | 12.0 | 13.0 | 26 | 34 | 11 | 300 | 0.063 |
| | 14.0 - 13.0 | 1 | 4 | **393.14-25 140** | 26 | 13.0 | 14.0 | 26 | 34 | 11 | 300 | 0.057 |
| | 15.0 - 14.0 | 1 | 4 | **393.14-25 150** | 26 | 14.0 | 15.0 | 26 | 34 | 11 | 300 | 0.054 |
| | 16.0 - 15.0 | 1 | 4 | **393.14-25 160** | 26 | 15.0 | 16.0 | 26 | 34 | 11 | 300 | 0.047 |

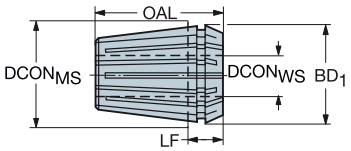
N23 N15

# Schaublin spantang

**Koelmiddel door spantang**

**Compatibel met DIN 6499-B**





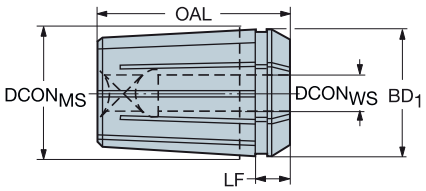

| | | | | | Afmetingen, mm | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCONN_{WS}$ | $DCONX_{WS}$ | $BD_1$ | OAL | LF | BAR | KG |
| ER32 | 2.5 - 2.0 | 1 | 4 | **393.14-32 025** | 33 | 2.0 | 2.5 | 33 | 40 | 12 | 300 | 0.155 |
| | 3.0 - 2.5 | 1 | 4 | **393.14-32 030** | 33 | 2.5 | 3.0 | 33 | 40 | 12 | 300 | 0.161 |
| | 4.0 - 3.0 | 1 | 4 | **393.14-32 040** | 33 | 3.0 | 4.0 | 33 | 40 | 12 | 300 | 0.154 |
| | 5.0 - 4.0 | 1 | 4 | **393.14-32 050** | 33 | 4.0 | 5.0 | 33 | 40 | 12 | 300 | 0.151 |
| | 6.0 - 5.0 | 1 | 4 | **393.14-32 060** | 33 | 5.0 | 6.0 | 33 | 40 | 12 | 300 | 0.157 |
| | 7.0 - 6.0 | 1 | 4 | **393.14-32 070** | 33 | 6.0 | 7.0 | 33 | 40 | 12 | 300 | 0.161 |
| | 8.0 - 7.0 | 1 | 4 | **393.14-32 080** | 33 | 7.0 | 8.0 | 33 | 40 | 12 | 300 | 0.158 |
| | 9.0 - 8.0 | 1 | 4 | **393.14-32 090** | 33 | 8.0 | 9.0 | 33 | 40 | 12 | 300 | 0.157 |
| | 10.0 - 9.0 | 1 | 4 | **393.14-32 100** | 33 | 9.0 | 10.0 | 33 | 40 | 12 | 300 | 0.144 |
| | 11.0 - 10.0 | 1 | 4 | **393.14-32 110** | 33 | 10.0 | 11.0 | 33 | 40 | 12 | 300 | 0.151 |
| | 12.0 - 11.0 | 1 | 4 | **393.14-32 120** | 33 | 11.0 | 12.0 | 33 | 40 | 12 | 300 | 0.147 |
| | 13.0 - 12.0 | 1 | 4 | **393.14-32 130** | 33 | 12.0 | 13.0 | 33 | 40 | 12 | 300 | 0.143 |
| | 14.0 - 13.0 | 1 | 4 | **393.14-32 140** | 33 | 13.0 | 14.0 | 33 | 40 | 12 | 300 | 0.142 |
| | 15.0 - 14.0 | 1 | 4 | **393.14-32 150** | 33 | 14.0 | 15.0 | 33 | 40 | 12 | 300 | 0.124 |
| | 16.0 - 15.0 | 1 | 4 | **393.14-32 160** | 33 | 15.0 | 16.0 | 33 | 40 | 12 | 300 | 0.126 |
| | 17.0 - 16.0 | 1 | 4 | **393.14-32 170** | 33 | 16.0 | 17.0 | 33 | 40 | 12 | 300 | 0.114 |
| | 18.0 - 17.0 | 1 | 4 | **393.14-32 180** | 33 | 17.0 | 18.0 | 33 | 40 | 12 | 300 | 0.108 |
| | 19.0 - 18.0 | 1 | 4 | **393.14-32 190** | 33 | 18.0 | 19.0 | 33 | 40 | 12 | 300 | 0.109 |
| | 20.0 - 19.0 | 1 | 4 | **393.14-32 200** | 33 | 19.0 | 20.0 | 33 | 40 | 12 | 300 | 0.095 |
| ER40 | 4.0 - 3.0 | 1 | 4 | **393.14-40 040** | 41 | 3.0 | 4.0 | 41 | 46 | 14 | 300 | 0.302 |
| | 5.0 - 4.0 | 1 | 4 | **393.14-40 050** | 41 | 4.0 | 5.0 | 41 | 46 | 14 | 300 | 0.316 |
| | 6.0 - 5.0 | 1 | 4 | **393.14-40 060** | 41 | 5.0 | 6.0 | 41 | 46 | 14 | 300 | 0.304 |
| | 7.0 - 6.0 | 1 | 4 | **393.14-40 070** | 41 | 6.0 | 7.0 | 41 | 46 | 14 | 300 | 0.282 |
| | 8.0 - 7.0 | 1 | 4 | **393.14-40 080** | 41 | 7.0 | 8.0 | 41 | 46 | 14 | 300 | 0.305 |
| | 9.0 - 8.0 | 1 | 4 | **393.14-40 090** | 41 | 8.0 | 9.0 | 41 | 46 | 14 | 300 | 0.302 |
| | 10.0 - 9.0 | 1 | 4 | **393.14-40 100** | 41 | 9.0 | 10.0 | 41 | 46 | 14 | 300 | 0.299 |
| | 11.0 - 10.0 | 1 | 4 | **393.14-40 110** | 41 | 10.0 | 11.0 | 41 | 46 | 14 | 300 | 0.295 |
| | 12.0 - 11.0 | 1 | 4 | **393.14-40 120** | 41 | 11.0 | 12.0 | 41 | 46 | 14 | 300 | 0.292 |
| | 13.0 - 12.0 | 1 | 4 | **393.14-40 130** | 41 | 12.0 | 13.0 | 41 | 46 | 14 | 300 | 0.286 |
| | 14.0 - 13.0 | 1 | 4 | **393.14-40 140** | 41 | 13.0 | 14.0 | 41 | 46 | 14 | 300 | 0.281 |
| | 15.0 - 14.0 | 1 | 4 | **393.14-40 150** | 41 | 14.0 | 15.0 | 41 | 46 | 14 | 300 | 0.275 |
| | 16.0 - 15.0 | 1 | 4 | **393.14-40 160** | 41 | 15.0 | 16.0 | 41 | 46 | 14 | 300 | 0.269 |
| | 17.0 - 16.0 | 1 | 4 | **393.14-40 170** | 41 | 16.0 | 17.0 | 41 | 46 | 14 | 300 | 0.261 |
| | 18.0 - 17.0 | 1 | 4 | **393.14-40 180** | 41 | 17.0 | 18.0 | 41 | 46 | 14 | 300 | 0.253 |
| | 19.0 - 18.0 | 1 | 4 | **393.14-40 190** | 41 | 18.0 | 19.0 | 41 | 46 | 14 | 300 | 0.250 |
| | 20.0 - 19.0 | 1 | 4 | **393.14-40 200** | 41 | 19.0 | 20.0 | 41 | 46 | 14 | 300 | 0.228 |
| | 21.0 - 20.0 | 1 | 4 | **393.14-40 210** | 41 | 20.0 | 21.0 | 41 | 46 | 14 | 300 | 0.217 |
| | 22.0 - 21.0 | 1 | 4 | **393.14-40 220** | 41 | 21.0 | 22.0 | 41 | 46 | 14 | 300 | 0.220 |
| | 23.0 - 22.0 | 1 | 4 | **393.14-40 230** | 41 | 22.0 | 23.0 | 41 | 46 | 14 | 300 | 0.210 |
| | 24.0 - 23.0 | 1 | 4 | **393.14-40 240** | 41 | 23.0 | 24.0 | 41 | 46 | 14 | 300 | 0.198 |
| | 25.0 - 24.0 | 1 | 4 | **393.14-40 250** | 41 | 24.0 | 25.0 | 41 | 46 | 14 | 300 | 0.187 |
| | 26.0 - 25.0 | 1 | 4 | **393.14-40 260** | 41 | 25.0 | 26.0 | 41 | 46 | 14 | 300 | 0.174 |
| ER50 | 26.0 - 24.0 | 1 | 4 | **393.14-50 260** | 52 | 24.0 | 26.0 | 52 | 60 | 21 | 300 | 0.478 |
| | 28.0 - 26.0 | 1 | 4 | **393.14-50 280** | 52 | 26.0 | 28.0 | 52 | 60 | 21 | 300 | 0.461 |
| | 30.0 - 28.0 | 1 | 4 | **393.14-50 300** | 52 | 28.0 | 30.0 | 52 | 60 | 21 | 300 | 0.413 |
| | 32.0 - 30.0 | 1 | 4 | **393.14-50 320** | 52 | 30.0 | 32.0 | 52 | 60 | 21 | 300 | 0.371 |
| | 34.0 - 32.0 | 1 | 4 | **393.14-50 340** | 52 | 32.0 | 34.0 | 52 | 60 | 21 | 300 | 0.332 |
| | 36.0 - 34.0 | 1 | 4 | **393.14-50 360** | 52 | 34.0 | 36.0 | 52 | 60 | 21 | 300 | 0.279 |

N23 N15

# ER-spantang voor tapschacht

**Compatibel met DIN 6499-B**

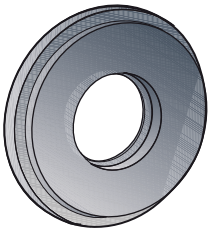


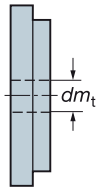



| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | $BD_1$ | OAL | LF | BAR | KG |
| ER11 | 4.00 x 3.15 | 1 | 4 | 393.14-11 D040X0315 | 11 | 4 | 11 | 18 | 4 | 300 | 0.009 |
| | 2.50 x 2.00 | 1 | 4 | 393.14-11 D025X021 | 11 | 2 | 11 | 18 | 4 | 300 | 0.009 |
| | 2.80 x 2.10 | 1 | 4 | 393.14-11 D028X021 | 11 | 2 | 11 | 18 | 4 | 300 | 0.010 |
| | 5.00 x 4.00 | 1 | 4 | 393.14-11 D050X040 | 11 | 5 | 11 | 18 | 4 | 300 | 0.008 |
| | 3.50 x 2.70 | 1 | 4 | 393.14-11 D035X027 | 11 | 3 | 11 | 18 | 4 | 300 | 0.010 |
| | 4.00 x 3.00 | 1 | 4 | 393.14-11 D040X030 | 11 | 4 | 11 | 18 | 4 | 300 | 0.009 |
| | 4.50 x 3.40 | 1 | 4 | 393.14-11 D045X034 | 11 | 4 | 11 | 18 | 4 | 300 | 0.008 |
| | 6.00 x 4.90 | 1 | 4 | 393.14-11 D060X049 | 11 | 6 | 11 | 18 | 4 | 300 | 0.007 |
| ER20 | 4.00 x 3.15 | 1 | 4 | 393.14-20 D040X0315 | 20 | 4 | 21 | 31 | 7 | 300 | 0.047 |
| | 5.00 x 4.00 | 1 | 4 | 393.14-20 D050X040 | 20 | 5 | 21 | 31 | 7 | 300 | 0.044 |
| | 3.50 x 2.70 | 1 | 4 | 393.14-20 D035X027 | 20 | 3 | 21 | 31 | 7 | 300 | 0.045 |
| | 6.30 x 5.00 | 1 | 4 | 393.14-20 D063X050 | 20 | 6 | 21 | 31 | 7 | 300 | 0.042 |
| | 7.10 x 5.60 | 1 | 4 | 393.14-20 D071X056 | 20 | 7 | 21 | 31 | 7 | 300 | 0.043 |
| | 4.50 x 3.40 | 1 | 4 | 393.14-20 D045X034 | 20 | 4 | 21 | 31 | 7 | 300 | 0.043 |
| | 8.00 x 6.30 | 1 | 4 | 393.14-20 D080X063 | 20 | 8 | 21 | 31 | 7 | 300 | 0.039 |
| | 5.50 x 4.30 | 1 | 4 | 393.14-20 D055X043 | 20 | 5 | 21 | 31 | 7 | 300 | 0.043 |
| | 9.00 x 7.10 | 1 | 4 | 393.14-20 D090X071 | 20 | 9 | 21 | 31 | 7 | 300 | 0.039 |
| | 6.00 x 4.90 | 1 | 4 | 393.14-20 D060X049 | 20 | 6 | 21 | 31 | 7 | 300 | 0.042 |
| | 10.00 x 8.00 | 1 | 4 | 393.14-20 D100X080 | 20 | 10 | 21 | 31 | 7 | 300 | 0.035 |
| | 7.00 x 5.50 | 1 | 4 | 393.14-20 D070X055 | 20 | 7 | 21 | 31 | 7 | 300 | 0.041 |
| ER25 | 8.00 x 6.30 | 1 | 4 | 393.14-25 D080X063 | 25 | 8 | 26 | 34 | 8 | 300 | 0.077 |
| | 9.00 x 7.10 | 1 | 4 | 393.14-25 D090X071 | 25 | 9 | 26 | 34 | 8 | 300 | 0.077 |
| | 6.00 x 4.90 | 1 | 4 | 393.14-25 D060X049 | 25 | 6 | 26 | 34 | 8 | 300 | 0.077 |
| | 10.00 x 8.00 | 1 | 4 | 393.14-25 D100X080 | 25 | 10 | 26 | 34 | 8 | 300 | 0.074 |
| | 7.00 x 5.50 | 1 | 4 | 393.14-25 D070X055 | 25 | 7 | 26 | 34 | 8 | 300 | 0.076 |
| | 11.20 x 9.00 | 1 | 4 | 393.14-25 D112X090 | 25 | 11 | 26 | 34 | 8 | 300 | 0.071 |
| | 12.50 x 10.00 | 1 | 4 | 393.14-25 D125X100 | 25 | 12 | 26 | 34 | 8 | 300 | 0.065 |
| | 14.00 x 11.20 | 1 | 4 | 393.14-25 D140X112 | 25 | 14 | 26 | 34 | 8 | 300 | 0.057 |
| | 11.00 x 9.00 | 1 | 4 | 393.14-25 D110X090 | 25 | 11 | 26 | 34 | 8 | 300 | 0.071 |
| | 12.00 x 9.00 | 1 | 4 | 393.14-25 D120X090 | 25 | 12 | 26 | 34 | 8 | 300 | 0.067 |
| | 16.00 x 12.00 | 1 | 4 | 393.14-25 D160X120 | 25 | 16 | 26 | 34 | 8 | 300 | 0.047 |
| ER40 | 12.50 x 10.00 | 1 | 4 | 393.14-40 D125X100 | 40 | 12 | 41 | 46 | 11 | 300 | 0.283 |
| | 14.00 x 11.20 | 1 | 4 | 393.14-40 D140X112 | 40 | 14 | 41 | 46 | 11 | 300 | 0.275 |
| | 16.00 x 12.50 | 1 | 4 | 393.14-40 D160X125 | 40 | 16 | 41 | 46 | 11 | 300 | 0.265 |
| | 12.00 x 9.00 | 1 | 4 | 393.14-40 D120X090 | 40 | 12 | 41 | 46 | 11 | 300 | 0.281 |
| | 18.00 x 14.50 | 1 | 4 | 393.14-40 D180X145 | 40 | 18 | 41 | 46 | 11 | 300 | 0.248 |
| | 20.00 x 16.00 | 1 | 4 | 393.14-40 D200X160 | 40 | 20 | 41 | 46 | 11 | 300 | 0.234 |
| | 22.00 x 18.00 | 1 | 4 | 393.14-40 D220X180 | 40 | 22 | 41 | 46 | 11 | 300 | 0.213 |
| ER50 | 22.00 x 18.00 | 1 | 4 | 393.14-50 D220X180 | 52 | 22 | 52 | 60 | 17 | 300 | 0.543 |
| | 25.00 x 20.00 | 1 | 4 | 393.14-50 D250X200 | 52 | 25 | 52 | 60 | 17 | 300 | 0.500 |
| | 28.00 x 22.00 | 1 | 4 | 393.14-50 D280X220 | 52 | 28 | 52 | 60 | 17 | 300 | 0.449 |
| | 32.00 x 24.00 | 1 | 4 | 393.14-50 D320X240 | 52 | 32 | 52 | 60 | 17 | 300 | 0.380 |

N23 N15

# Afdichtschijven voor ER-spantang

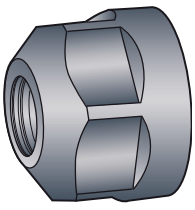


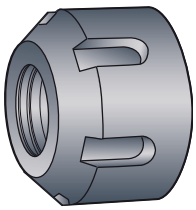



| Grootte 16 | | Grootte 25 | | Grootte 32 | | Grootte 40 | |
|---|---|---|---|---|---|---|---|
| Bereik, mm $dm_t$ | **Bestelnummer** | Bereik, mm $dm_t$ | **Bestelnummer** | Bereik, mm $dm_t$ | **Bestelnummer** | Bereik, mm $dm_t$ | **Bestelnummer** |
| 3.0-2.5 | **3916.00300** | 6.0-5.5 | **3925.00600** | 3.0-2.5 | **3932.00300** | 6.0-5.5 | **3940.00600** |
| 4.0-3.5 | **3916.00400** | 7.0-6.5 | **3925.00700** | 4.0-3.5 | **3932.00400** | 7.0-6.5 | **3940.00700** |
| 5.0-4.5 | **3916.00500** | 8.0-7.5 | **3925.00800** | 5.0-4.5 | **3932.00500** | 8.0-7.5 | **3940.00800** |
| 6.0-5.5 | **3916.00600** | 9.0-8.5 | **3925.00900** | 6.0-5.5 | **3932.00600** | 9.0-8.5 | **3940.00900** |
| 7.0-6.5 | **3916.00700** | 10.0-9.5 | **3925.01000** | 7.0-6.5 | **3932.00700** | 10.0-9.5 | **3940.01000** |
| 8.0-7.5 | **3916.00800** | 11.0-10.5 | **3925.01100** | 8.0-7.5 | **3932.00800** | 11.0-10.5 | **3940.01100** |
| 9.0-8.5 | **3916.00900** | 12.0-11.5 | **3925.01200** | 9.0-8.5 | **3932.00900** | 12.0-11.5 | **3940.01200** |
| 10.0-9.5 | **3916.01000** | 13.0-12.5 | **3925.01300** | 10.0-9.5 | **3932.01000** | 13.0-12.5 | **3940.01300** |
| | | 14.0-13.5 | **3925.01400** | 11.0-10.5 | **3932.01100** | 14.0-13.5 | **3940.01400** |
| | | 15.0-14.5 | **3925.01500** | 12.0-11.5 | **3932.01200** | 15.0-14.5 | **3940.01500** |
| | | 16.0-15.5 | **3925.01600** | 13.0-12.5 | **3932.01300** | 16.0-15.5 | **3940.01600** |
| | | | | 14.0-13.5 | **3932.01400** | 17.0-16.5 | **3940.01700** |
| | | | | 15.0-14.5 | **3932.01500** | 18.0-17.5 | **3940.01800** |
| | | | | 16.0-15.5 | **3932.01600** | 19.0-18.5 | **3940.01900** |
| | | | | 17.0-16.5 | **3932.01700** | 20.0-19.5 | **3940.02000** |
| | | | | 18.0-17.5 | **3932.01800** | 21.0-20.5 | **3940.02100** |
| | | | | 19.0-18.5 | **3932.01900** | 22.0-21.5 | **3940.02200** |
| Grootte 20 | | | | 20.0-19.5 | **3932.02000** | 25.0-24.5 | **3940.02500** |
| | | | | | | 26.0-25.5 | **3940.02600** |
| Bereik, mm $dm_t$ | **Bestelnummer** | | | | | | |
| 3.0-2.5 | **3920.00300** | | | | | | |
| 4.0-3.5 | **3920.00400** | | | | | | |
| 5.0-4.5 | **3920.00500** | | | | | | |
| 6.0-5.5 | **3920.00600** | | | | | | |
| 7.0-6.5 | **3920.00700** | | | | | | |
| 8.0-7.5 | **3920.00800** | | | | | | |
| 9.0-8.5 | **3920.00900** | | | | | | |
| 10.0-9.5 | **3920.01000** | | | | | | |
| 11.0-10.5 | **3920.01100** | | | | | | |
| 12.0-11.5 | **3920.01200** | | | | | | |
| 13.0-12.5 | **3920.01300** | | | | | | |

0,5 mm capaciteit per schijf. Max. 150 bar koelvloeistofdruk.

# ER-spantangmoeren voor doorgang van koelvloeistof met afdichtingsschijf

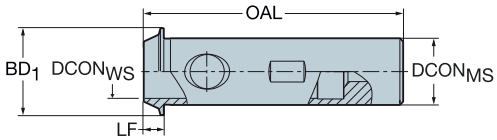




| CZC | **Bestelnummer** | TDZ | **Sleutel** | |
|---|---|---|---|---|
| ER16 | **5533 051-01** | M22 x 1.5 | **5680 091-01** | |
| ER20 | **5533 051-02** | M25 x 1.5 | **5680 091-02** | |
| ER25 | **5533 051-03** | M32 x 1.5 | **5680 096-02** | |
| ER32 | **5533 051-04** | M40 x 1.5 | **5680 096-03** | |
| ER40 | **5533 051-05** | M50 x 1.5 | **5680 096-04** | |

# Bus voor fijnkotterkop






| CZC$_{MS}$ | CZC$_{WS}$ | CNSC | CXSC | Bestelnummer | Afmetingen, mm DCON$_{MS}$ | DCON$_{WS}$ | BD$_1$ | OAL | LF | BAR | KG |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 16 | 1 | 1 | **393.37A-20 16 072** | 20 | 16 | 26 | 78 | 6 | 20 | 0.114 |

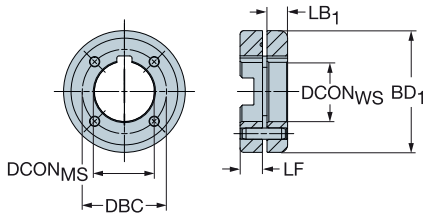
Voor gebruik met R429U/R429 90 kotterbaren

N23 N15

# Montage-item

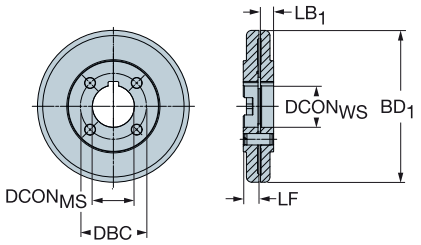
**Stabiliteitsschijf voor CoroMill® QD**






| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | OAL | LF | $LB_1$ | $BD_1$ | BAR | KG |
| 32 | X32 | 4 | 4 | **5549 201-011** | 32.00 | 32.00 | 2.40 | 25.40 | 12 | 11.00 | 65.00 | 80 | 0.46 |
| 40 | X40 | 4 | 4 | **5549 201-021** | 40.00 | 40.00 | 2.40 | 29.00 | 15 | 11.60 | 87.00 | 80 | 0.98 |



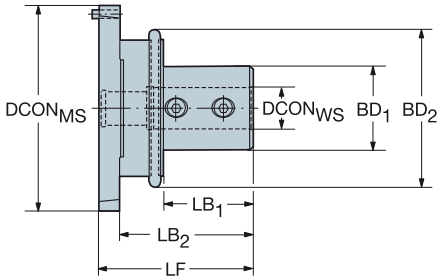



| | | | | | Afmetingen, mm | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | **Bestelnummer** | $DCON_{MS}$ | $DCON_{WS}$ | LSC | OAL | LF | $LB_1$ | $BD_1$ | BAR | KG |
| 40 | X40 | 4 | 4 | **5549 201-041** | 40.00 | 40.00 | 2.40 | 29.00 | 15 | 12.50 | 145.00 | 80 | 2.75 |
| | X40 | 4 | 4 | **5549 201-081** | 40.00 | 40.00 | 2.40 | 29.00 | 15 | 11.60 | 185.00 | 80 | 4.62 |

N23 N15

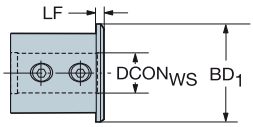
# Slede voor instelbare booradapter






| | | | | | Afmetingen, mm | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LF | $LB_1$ | $LB_2$ | $LB_3$ | $BD_1$ | $BD_2$ | $BD_3$ | BAR | KG |
| 01 | 20 | 1 | 1 | 393.277-20 01 075A | 78.0 | 20.0 | 75.0 | 44.0 | 65.0 | 75.0 | 40.0 | 55.2 | 78.0 | 20 | 0.85 |
| | 25 | 1 | 1 | 393.277-25 01 080A | 78.0 | 25.0 | 80.0 | 50.0 | 70.0 | 80.0 | 45.0 | 55.2 | 78.0 | 20 | 0.94 |
| 02 | 20 | 1 | 1 | 393.277-20 02 075A | 98.0 | 20.0 | 75.0 | 44.0 | 65.0 | 75.0 | 40.0 | 75.2 | 98.0 | 20 | 1.26 |
| | 25 | 1 | 1 | 393.277-25 02 085A | 98.0 | 25.0 | 85.0 | 54.0 | 75.0 | 85.0 | 45.0 | 75.2 | 98.0 | 20 | 1.39 |
| | 32 | 1 | 1 | 393.277-32 02 085A | 98.0 | 32.0 | 85.0 | 54.0 | 75.0 | 85.0 | 52.0 | 75.2 | 98.0 | 20 | 1.47 |
| 03 | 40 | 1 | 1 | 393.277-40 03 090A | 136.0 | 40.0 | 90.0 | 65.0 | 90.0 | | 65.0 | 136.0 | | 20 | 3.52 |
| | 50 | 1 | 1 | 393.277-50 03 100A | 136.0 | 50.0 | 100.0 | 75.0 | 110.0 | | 75.0 | 163.0 | | 20 | 3.90 |

# Bus

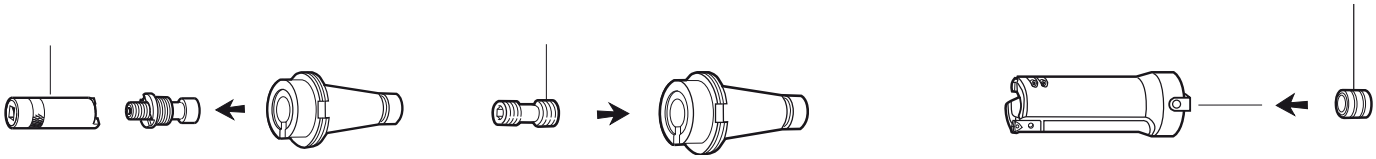



| | | | | | Afmetingen, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $CZC_{MS}$ | $CZC_{WS}$ | CNSC | CXSC | Bestelnummer | $DCON_{MS}$ | $DCON_{WS}$ | LSC | LF | $BD_1$ | BAR | KG |
| 40 | 32 | 1 | 1 | 393.277-40 32 074A | 40.0 | 32.0 | 70 | 4.0 | 48.0 | 80 | 0.30 |

# VL

**Kernboor-gereedschap**

**1.** **2.** **3.**



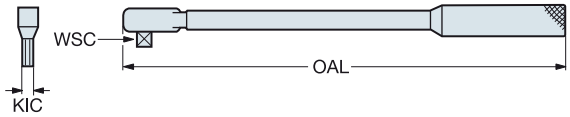
| 1. | 2. | 3. |
|---|---|---|
| **Bestelnummer** | **Bestelnummer** | **Bestelnummer** |
| **Sleutel** | **Schroef** | **Centreerbus** |
| 5680 065-02 | 5516 030-01 | 5638 030-01 |

N23 N15

# Montagegereedschap

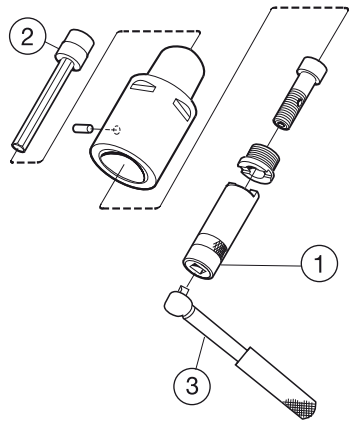
**Coromant Capto®**

## Momentsleutel voor handmatige opspaneenheden, snelwissel




| Afmeting koppeling | **Momentsleutel** **Bestelnummer** | Afmetingen, mm Koppelbereik, Nm | WSC | OAL | **Sleuteladapter** **Bestelnummer** | KIC |
|---|---|---|---|---|---|---|
| C3 | **C-TK-01M** | 20-100 | 1/2" | 345 | **5680 035-14** | 8 |
| C4 | **C-TK-01M** | 20-100 | 1/2" | 345 | **5680 035-06** | 10 |
| C5 | **C-TK-01M** | 20-100 | 1/2" | 345 | **5680 035-07** | 12 |
| C6 | **C-TK-01M** | 20-100 | 1/2" | 345 | **5680 035-07** | 12 |
| C8 | **C-TK-02** | 40-200 | 1/2" | 440 | **5680 035-07** | 12 |
| C10 | **C-TK-03** | 60-300 | 1/2" | 548 | **5680 035-10** | 17 |

## Momentsleutel voor modulaire assemblages, klemming door middel van centrale bout




| Afmeting koppeling | **3. Momentsleutel** **Bestelnummer** | Afmetingen, mm Koppelbereik, Nm | WSC | OAL | **2. Verlengsleutel** **Bestelnummer** | KIC | **1. Borgmoersleutel** **Bestelnummer** |
|---|---|---|---|---|---|---|---|
| C3 | **C-TK-02** | 40-200 | 1/2" | 345 | **5680 015-05** | 8 | **5680 065-13** |
| C4 | **C-TK-02** | 40-200 | 1/2" | 345 | **5680 015-05** | 8 | **5680 065-10** |
| C5 | **C-TK-02** | 40-200 | 1/2" | 345 | **5680 015-01** | 10 | **5680 065-11** |
| C6 | **C-TK-02** | 40-200 | 1/2" | 345 | **5680 015-02** | 14 | **5680 065-12** |
| C8 | **C-TK-02** | 40-200 | 1/2" | 440 | **5680 015-02** | 14 | **5680 065-12** |
| C10 | **C-TK-04** | 80-400 | 3/4" | 683 | **5680 015-06** | 17 | **5680 065-14** |

Te kalibreren volgens ISO 6789, nauwkeurigheid binnen 4%

# Montagegereedschap

**Momentsleutel**



| Bestelnummer | Momentbereik | Bits-koppeling |
|---|---|---|
| ER-TK-01M | 10-50 Nm | 16 |
| ER-TK-02M | 50-300 Nm | 16 |

# Torx Bit



| Bestelnummer | ER grootte | Bits-koppeling |
|---|---|---|
| 5680 103-01 | ER 11 | 16 |
| 5680 103-02 | ER 16 | 16 |
| 5680 103-03 | ER 20 | 16 |



| Bestelnummer | ER grootte | MDI grootte | Bits-koppeling |
|---|---|---|---|
| 5680 103-04 | ER 25 | | 16 |
| 5680 103-05 | ER 32 | 20 | 16 |
| 5680 103-06 | ER 40 | 25 | 16 |
| 5680 103-07 | | 32 | 16 |
| 5680 103-08 | | 40 | 16 |
| 5680 103-09 | | 50 | 16 |

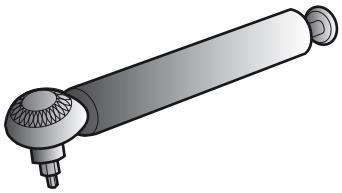
# Montagegereedschap

## Sleutel voor geïntegreerde spantang

| CZC | **Bestelnummer** | |
|---|---|---|
| ER11 | **5680 091-03** | |
| ER16 | **5680 096-06** | |
| ER20 | **5680 096-01** | |
| ER25 | **5680 096-02** | |
| ER32 | **5680 096-03** | |

## CoroChuck™ 930

**Momentsleutel**

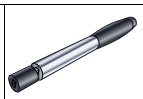


| **Bestelnummer** |
|---|
| **5680 099-01** |

## Coromant EH

**Belangrijkste reserveonderdelen**





| Afmeting koppeling | Sleutel | Momentsleutel kop[1)] | Momentsleutel kop voor 2-kantige vingerfrees[1)] | Aandraaimoment Nm | Draaimoment-sleutel [1)] | Momentbereik Nm |
|---|---|---|---|---|---|---|
| E10 | 5680 093-01 | 5680 089-01 | 5680 089-06 | 12 | 5680 088-01 | 10-20 |
| E12 | 5680 093-02 | 5680 089-02 | 5680 089-07 | 15 | 5680 088-01 | 10-20 |
| E16 | 5680 093-03 | 5680 089-03 | 5680 089-08 | 30 | 5680 088-02 | 25-65 |
| E20 | 5680 093-04 | 5680 089-04 | | 50 | 5680 088-02 | 25-65 |
| E25 | 5680 093-05 | 5680 089-05 | | 65 | 5680 088-02 | 25-65 |

[1)] Onderdelen, moeten apart worden besteld

# Torx Plus® draaimomentsleutel

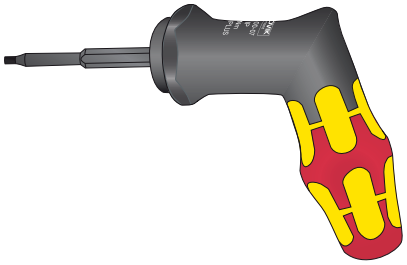
Voor een goede werking is een correct draaimoment bij het bevestigen van de wisselplaten in frezen een vereiste. Samen met de Torx Plus schroeven is de nieuwe momentsleutel een garantie voor een betere en betrouwbare bevestiging van de wisselplaat.

De momentsleutels, beschikbaar in 6 afmetingen en getest om 10 000 x het vastzetten van de wisselplaat aan te kunnen, zijn gekalibreerd voor het draaimoment dat nodig is voor de correcte opspanning van wisselplaten van Sandvik Coromant frezen.

Een momentsleutel wordt altijd aanbevolen voor snijgereedschappen met Torx plus schroef. De nieuwe sleutel moet afzonderlijk worden besteld.

**Opmerking!** Torx Plus is een geregistreerd handelsmerk van Camcar Textron (USA).

**Opmerking!**
We willen al onze klanten erop wijzen dat de nieuwe Torx Plus sleutels en schroevendraaiers NIET gebruikt kunnen worden in combinatie met de standaard Torx schroeven.



5680 100-07 (20IP) and 5680 100-08 (25IP)

**Torx Plus® draaimomentsleutel**

| Moment sleutel | Afmeting | Draaimoment, Nm | |
|---|---|---|---|
| **5680 100-01** | 6IP | 0.6 | |
| **5680 100-02** | 7IP | 0.9 | |
| **5680 100-03** | 8IP | 1.2 | |
| **5680 100-04** | 9IP | 1.4 | |
| **5680 100-05** | 10IP | 2.0 | |
| **5680 100-06** | 15IP | 3.0 | |
| **5680 100-07** | 20IP | 5.0 | |
| **5680 100-08** | 25IP | 7.5 | |
| **5680 100-09** | HEX 5 | 6.0 | |
| **5680 100-10** | 20IP | 6.0 | |

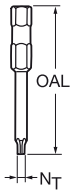
# Momentsleutel en bits

**5680 105-01**
**5680 105-02**



**5680 105-05**
**5680 105-06**






| Momentsleutel | Momentbereik Nm | Handvat |
|---|---|---|
| **5680 105-01** | 0.3 - 1.2 | Recht |
| **5680 105-02** | 1.2 - 3.0 | Recht |
| **5680 105-05** | 3.0 - 6.0 | Onder een hoek |
| **5680 105-06** | 4.0 - 8.8 | Onder een hoek |

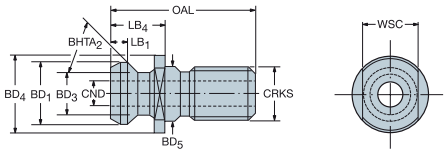
| Bit | OAL mm | $N_T$ Torx Plus |
|---|---|---|
| **5680 084-01** | 50 | 8IP |
| **5680 084-02** | 50 | 15IP |
| **5680 084-03** | 89 | 15IP |
| **5680 084-04** | 50 | 7IP |
| **5680 084-05** | 50 | 9IP |
| **5680 084-06** | 50 | 10IP |
| **5680 084-07** | 50 | 20IP |
| **5680 084-08** | 89 | 20IP |
| **5680 084-09** | 89 | 25IP |
| **5680 084-10** | 89 | 30IP |
| **5680 084-11** | 50 | 6IP |
| **5680 084-12** | 80 | 27IP |
| **5680 084-13** | 35 | 50IP |

| Bit | OAL mm | $N_T$ Torx Plus |
|---|---|---|
| **5680 084-14** | 50 | 30IP |
| **5680 084-15** | 25 | 15IP |
| **5680 084-16** | 25 | 30IP |
| **5680 084-17** | 25 | 6IP |
| **5680 084-18** | 25 | 7IP |
| **5680 084-19** | 25 | 8IP |
| **5680 084-20** | 25 | 9IP |
| **5680 084-21** | 25 | 10IP |
| **5680 084-22** | 25 | 20IP |
| **5680 084-23** | 25 | 25IP |
| **5680 083-01** | 25 | HEX3 |
| **5680 083-04** | 50 | HEX2,5 |

# Aantrekbouten



PS-VxxC

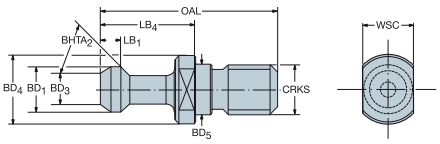



**CAT-V**

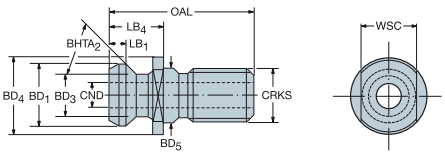
| CZC | CRKS | CNSC | CXSC | Bestelnummer | Afmetingen, mm WSC | $LB_1$ | $LB_4$ | CND | $BD_1$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | OAL | KG | Machine |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | M16 | 1 | 1 | **PS-V40C-45-001** | 18 | 5.4 | 16.4 | 7 | 19.0 | 12.9 | 22.5 | | 45° | 38 | 0.04 | |
| | M16 | 1 | 1 | **PS-V40C-45-006** | 19 | 5.1 | 19.1 | 6 | 18.8 | 12.4 | 22.1 | 17 | 45° | 47 | 0.06 | Fadal |
| 50 | M24 | 1 | 1 | **PS-V50C-45-001** | 30 | 7.7 | 25.5 | 11 | 29.1 | 19.6 | 37.0 | | 45° | 59 | 0.15 | |
| | 1-8 UNC | 1 | 1 | **PS-V50C-45-005** | 31 | 7.6 | 25.4 | 11 | 29.0 | 20.8 | 36.3 | 26 | 45° | 58 | 0.17 | Mazak |
| | 1-8 UNC | 1 | 1 | **PS-V50C-45-008** | 29 | 9.9 | 45.2 | 9 | 22.9 | 16.9 | 38.1 | 24 | 45° | 79 | 0.20 | Makino |
| | 1-8 UNC | 1 | 1 | **PS-V50C-60-001** | 29 | 9.9 | 44.9 | 6 | 23.0 | 17.0 | 38.1 | 25 | 60° | 82 | 0.29 | Okuma |



PS-Ixx




PS-IxxC




**ISO**

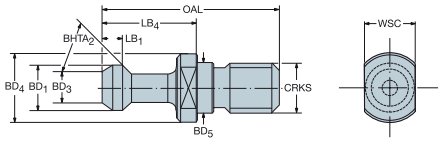
| CZC | CRKS | CNSC | CXSC | Bestelnummer | Afmetingen, mm WSC | $LB_1$ | $LB_4$ | CND | $BD_1$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | OAL | KG | BSG | Machine |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | M12 | 0 | 0 | **PS-I30-75-001** | 14 | 5.0 | 24.0 | | 13.0 | 9.0 | 17.0 | 13 | 75° | 44 | 0.04 | | |
| 40 | M16 | 0 | 0 | **PS-I40-75-001** | 19 | 6.0 | 26.0 | | 19.0 | 14.0 | 23.0 | 17 | 75° | 54 | 0.05 | DIN 69872 | |
| | M16 | 1 | 1 | **PS-I40C-45-001** | 18 | 5.3 | 16.4 | 7 | 19.0 | 12.9 | 22.5 | 17 | 45° | 44 | 0.05 | ISO 7388 B | |
| | M16 | 1 | 1 | **PS-I40C-45-002** | 19 | 5.0 | 16.2 | 7 | 18.8 | 12.4 | 21.8 | 17 | 45° | 41 | 0.05 | | Mazak |
| | M16 | 1 | 1 | **PS-I40C-45-003** | 19 | 5.0 | 19.1 | 7 | 18.8 | 12.4 | 22.0 | 17 | 45° | 44 | 0.05 | | Mazak |
| | M16 | 1 | 1 | **PS-I40C-75-001** | 19 | 6.0 | 26.0 | 7 | 19.0 | 14.0 | 23.0 | 17 | 75° | 54 | 0.05 | DIN 69872 | |
| | M16 | 1 | 1 | **PS-I40C-75-002** | 19 | 6.0 | 26.0 | 7 | 19.0 | 14.0 | 23.0 | 17 | 75° | 54 | 0.05 | ISO 7388 | |
| | M16 | 1 | 1 | **PS-I40C-75-003** | 19 | 6.0 | 29.0 | 7 | 19.0 | 14.1 | 23.0 | 17 | 75° | 54 | 0.05 | | Mori Seiki |
| 50 | M24 | 0 | 0 | **PS-I50-45-001** | 30 | 7.6 | 25.5 | | 29.1 | 19.6 | 37.0 | 25 | 45° | 65 | 0.15 | ISO 7388 B | |
| | M24 | 0 | 0 | **PS-I50-75-001** | 30 | 9.0 | 34.0 | | 28.0 | 21.0 | 36.0 | 25 | 75° | 74 | 0.15 | DIN 69872 | |
| | M24 | 0 | 0 | **PS-I50-75-002** | 30 | 9.0 | 34.0 | | 28.0 | 21.0 | 36.0 | 20 | 75° | 74 | 0.15 | | |
| | M24 | 0 | 0 | **PS-I50-75-003** | 30 | 9.0 | 34.0 | | 28.0 | 21.1 | 36.0 | 25 | 75° | 74 | 0.15 | | |
| | M24 | 0 | 0 | **PS-I50-90-001** | 30 | 10.0 | 46.6 | | 22.0 | 16.0 | 39.0 | 32 | 90° | 99 | 0.15 | | GSP |
| | M24 | 1 | 1 | **PS-I50C-45-001** | 30 | 7.6 | 25.5 | 11 | 29.1 | 19.6 | 37.0 | 25 | 45° | 65 | 0.15 | ISO 7388 B | |
| | M24 | 1 | 1 | **PS-I50C-45-002** | 26 | 5.2 | 16.4 | 7 | 19.0 | 12.9 | 30.0 | 25 | 45° | 56 | 0.15 | | |
| | M24 | 1 | 1 | **PS-I50C-45-003** | 30 | 7.6 | 25.4 | 10 | 29.0 | 20.8 | 36.5 | 25 | 45° | 65 | 0.15 | | Yamazaki |
| | M24 | 1 | 1 | **PS-I50C-45-004** | 30 | 7.6 | 25.4 | 10 | 29.0 | 20.8 | 36.5 | 25 | 45° | 65 | 0.15 | | Yamazaki |
| | M24 | 1 | 1 | **PS-I50C-75-001** | 30 | 9.0 | 34.0 | 11 | 28.0 | 21.0 | 36.0 | 25 | 75° | 74 | 0.15 | DIN 69872 | |
| | M24 | 1 | 1 | **PS-I50C-75-002** | 30 | 9.0 | 34.0 | 11 | 28.0 | 21.0 | 36.0 | 25 | 75° | 74 | 0.15 | ISO 7388 | |
| | M24 | 1 | 1 | **PS-I50C-90-001** | 30 | 6.5 | 32.5 | 6 | 20.0 | 13.0 | 38.5 | | 90° | 70 | 0.15 | | Forest |

N23 N15

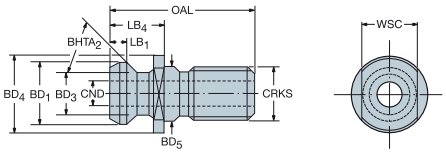
# Aantrekbouten



PS-Bxx




PS-BxxC




**MAS-BT**

| CZC | CRKS | CNSC | CXSC | Bestelnummer | Afmetingen, mm WSC | $LB_1$ | $LB_4$ | CND | $BD_1$ | $BD_3$ | $BD_4$ | $BD_5$ | $BHTA_2$ | OAL | KG | BSG | Machine |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | M12 | 0 | 0 | PS-B30-45-001 | 13 | 5.0 | 23.0 | | 11.0 | 7.0 | 16.0 | 12 | 45° | 43 | 0.03 | | |
| | M12 | 0 | 0 | PS-B30-60-001 | 13 | 7.0 | 35.0 | | 11.0 | 7.0 | 16.0 | 12 | 60° | 43 | 0.03 | | |
| | M12 | 1 | 1 | PS-B30C-45-001 | 13 | 5.0 | 23.0 | 2 | 11.0 | 7.0 | 16.5 | 12 | 45° | 43 | 0.03 | | |
| | M12 | 1 | 1 | PS-B30C-45-002 | 13 | 5.0 | 23.0 | 2 | 11.0 | 7.0 | 16.5 | 12 | 45° | 43 | 0.03 | | Mori Seiki |
| | M12 | 1 | 1 | PS-B30C-45-003 | 13 | 5.0 | 23.0 | 4 | 11.0 | 8.0 | 16.5 | 12 | 45° | 43 | 0.03 | | Fanuc |
| | M12 | 1 | 1 | PS-B30C-60-001 | 13 | 5.0 | 23.0 | 2 | 11.0 | 7.0 | 16.5 | 12 | 60° | 43 | 0.03 | | |
| | M12 | 1 | 1 | PS-B30C-60-002 | 13 | 5.0 | 23.0 | 2 | 11.0 | 7.5 | 16.5 | 12 | 60° | 43 | 0.03 | | Brother |
| 40 | M16 | 0 | 0 | PS-B40-45-001 | 19 | 7.0 | 35.0 | | 15.0 | 10.0 | 23.0 | 17 | 45° | 60 | 0.05 | | |
| | M16 | 0 | 0 | PS-B40-60-001 | 19 | 7.0 | 35.0 | | 15.0 | 10.0 | 23.0 | 17 | 60° | 60 | 0.05 | | |
| | M16 | 0 | 0 | PS-B40-90-001 | 19 | 7.0 | 35.0 | | 15.0 | 10.0 | 23.0 | 17 | 90° | 60 | 0.05 | | |
| | M16 | 1 | 1 | PS-B40C-45-001 | 19 | 7.0 | 35.0 | 4 | 15.0 | 10.0 | 23.0 | 17 | 45° | 60 | 0.05 | | |
| | M16 | 1 | 1 | PS-B40C-60-001 | 19 | 7.0 | 35.0 | 3 | 15.0 | 10.0 | 23.0 | 17 | 60° | 60 | 0.05 | | |
| | M16 | 1 | 1 | PS-B40C-75-001 | 18 | 11.4 | 25.1 | 7 | 25.3 | 21.1 | 25.3 | 17 | 75° | 53 | 0.05 | | |
| | M16 | 1 | 1 | PS-B40C-75-002 | 19 | 6.0 | 29.0 | 7 | 19.0 | 14.0 | 23.0 | 17 | 75° | 54 | 0.05 | JIS 40 | |
| | M16 | 1 | 1 | PS-B40C-90-001 | 19 | 7.0 | 35.0 | 3 | 15.0 | 10.0 | 23.0 | 17 | 90° | 60 | 0.05 | | |
| 50 | M24 | 0 | 0 | PS-B50-45-001 | 30 | 10.0 | 45.0 | | 23.0 | 17.0 | 38.0 | 25 | 45° | 85 | 0.25 | | |
| | M24 | 0 | 0 | PS-B50-60-001 | 30 | 10.0 | 45.0 | | 23.0 | 17.0 | 38.0 | 25 | 60° | 85 | 0.25 | | |
| | M24 | 0 | 0 | PS-B50-90-001 | 30 | 10.0 | 45.0 | | 23.0 | 17.0 | 38.0 | 25 | 90° | 85 | 0.25 | | Okuma |
| | M24 | 1 | 1 | PS-B50C-45-001 | 30 | 10.0 | 45.0 | 7 | 23.0 | 17.0 | 38.0 | 25 | 45° | 85 | 0.25 | | |
| | M24 | 1 | 1 | PS-B50C-60-001 | 30 | 10.0 | 45.0 | 8 | 23.0 | 17.0 | 38.0 | 25 | 60° | 85 | 0.25 | | |
| | M24 | 1 | 1 | PS-B50C-75-001 | 30 | 9.0 | 34.0 | 11 | 28.0 | 21.0 | 36.0 | 25 | 75° | 74 | 0.22 | JIS 50 | |
| | M24 | 1 | 1 | PS-B50C-90-001 | 30 | 8.0 | 31.0 | 6 | 24.0 | 18.0 | 36.0 | 25 | 90° | 71 | 0.20 | | Mitsui |
| | M24 | 1 | 1 | PS-B50C-90-002 | 30 | 10.0 | 45.0 | 8 | 23.0 | 17.0 | 38.0 | 25 | 90° | 85 | 0.25 | | Okuma |

N23 N15

# Algemene informatie

# Wiper

## Wisselplaten voor verhoogde productiviteit

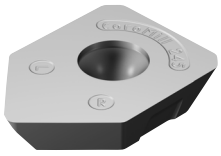
**Wiper**

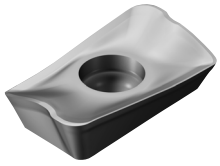
Uitstekende oppervlakteafwerkingen kunnen worden bereikt met standaard wisselplaten in combinatie met één of meer wiper wisselplaten. Wiper wisselplaten werken het best bij een hogere voeding per omwenteling, fn, bij frezen met grotere diameters met extra fijne vertanding en instelmogelijkheden.

De voeding per omwenteling kan ca. vier keer hoger zijn terwijl nog steeds een goede oppervlaktekwaliteit wordt gerealiseerd. Wiper wisselplaten kunnen worden gebruikt voor het frezen in de meeste materialen, om goede oppervlaktewaarden te genereren – zelfs onder ongunstige omstandigheden.

TECHNOLOGY Wiper



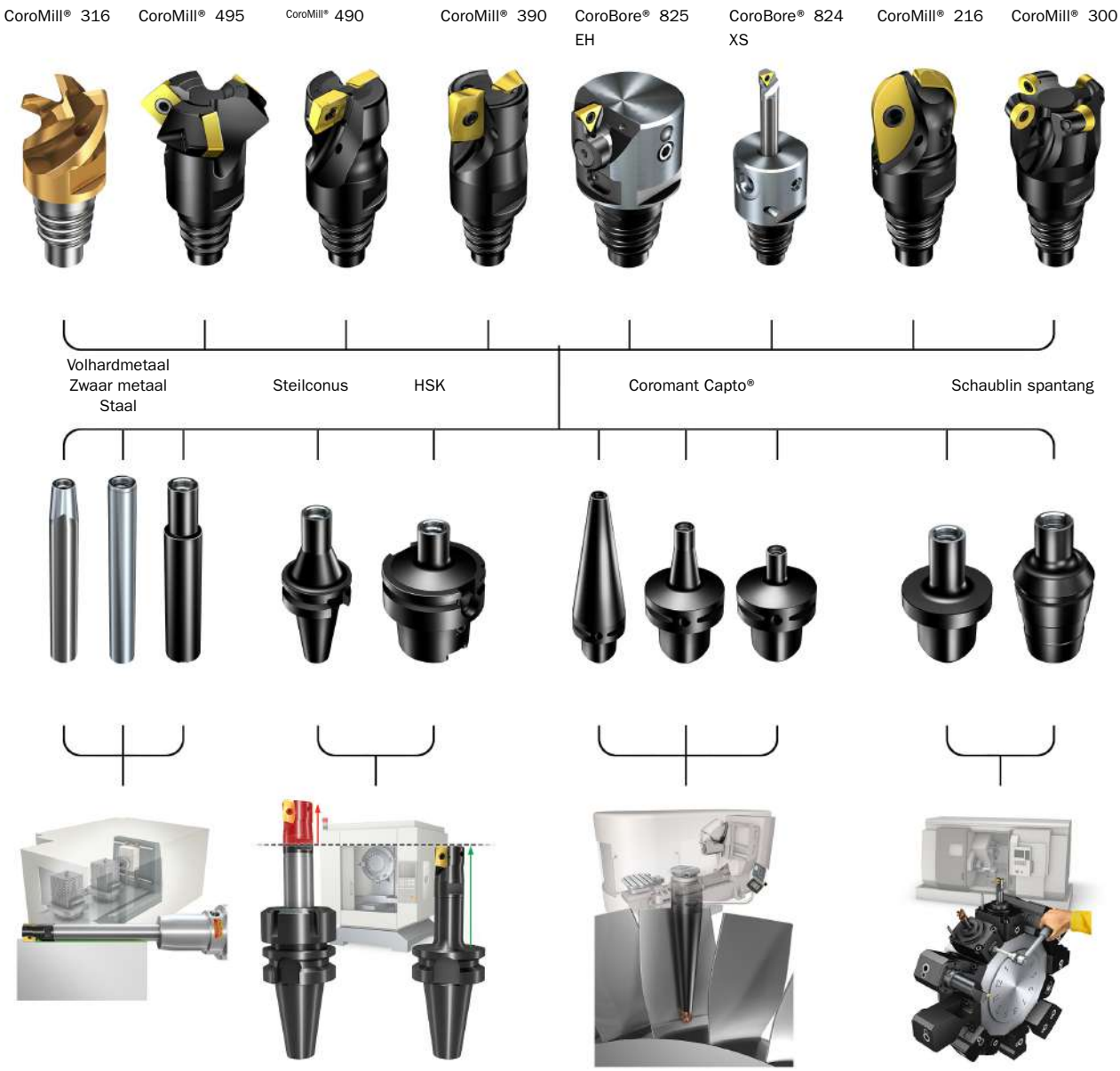






# Modulair systeem - Coromant EH

## Gereedshapsflexibiliteit voor kleinere diameters




**Grote bewerkingscentra**

Lange uitsteeklengte met stabiliteit en vrijloop.

**Voor kleine en gemiddelde bewerkingscentra**

Bij kritische uitsteeklengte.

**Voor gemiddelde tot grote bewerkingscentra**

Modulariteit met Coromant Capto® in diverse lengtes.

**Draaicentra met aangedreven gereedschapshouders**

Korte uitsteeklengte en draaidiameter.

Voor meer informatie over het Coromant EH systeem:
www.sandvik.coromant.com/coromanteh

### Coromant EH koppeling

De Coromant EH-koppeling is gebaseerd op een zelfcenterende schroefdraad voor veilige montage, maximum sterkte en betrouwbaarheid. De koppeling is uitgevoerd met een fysieke stop, hetgeen het makkelijk maakt om te voelen of de kop correct is vastgezet en helpt bij het niet overmatig belasten van de opspanning.



# CoroChuck™ 930

## Zeer nauwkeurige hydraulische spantanghouder met hoge uittrekbetrouwbaarheid en grote precisie

### Toepassing

- Geschikt voor frees- en boorbewerkingen waarbij nauwkeurigheid, gebruiksgemak en een optimale uittrekbeveiliging vereist zijn
- Dekt alle belangrijke machinekoppelingen af



### Voordelen en kenmerken

- Groot verspaand volume biedt verhoogde productiviteit
- Betrouwbaar proces en veilig bewerken
- Snelle gereedschapswissel en set-up
- Verbeterde oppervlakte-afwerking en verhoogde gereedschapslevensduur
- Nauwkeurige gattolerantie
- De spantang met de beste gereedschapuittrekbeveiliging op de markt beschikbaar, dankzij de meest recente Fulcrum-technologie*, die wordt gebruikt voor maximale opspanprestaties met een hoge opspankracht. De opspankracht is telkens weer herhaalbaar
- Gemakkelijke handeling met momentsleutel voor betrouwbare opspanning
- De koppeling aan de machinezijde is als laatste bewerking geslepen om tegemoet te komen aan de hoogste vereisten op het gebied van nauwkeurigheid
- Hoge repeteernauwkeurigheid
- Balancering overeenkomstig DIN 69888
- Opspanlengte kan worden ingesteld met een instelschroef

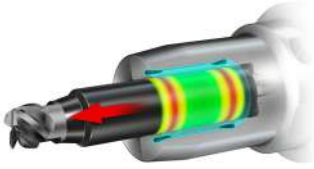
www.sandvik.coromant.com/corochuck930

### Beschikbare koppelingstypen

- Coromant Capto®
- HSK
- BIG-PLUS
- ISO
- CAT-V
- MAS-BT



CoroChuck™ 930 kan worden gebruikt met of zonder reductie-spanhulzen. Gebruik voor inwendig koelmiddel 393.CGS spanhulzen en gebruik voor uitwendig koelmiddel 393.CG.



Fulcrum-technologie* geeft de beste beveiliging tegen uittrekken die op de markt is. Hierdoor is veilige opspanning mogelijk, met twee klemcirkels aan elke kant ('fulcrums').



Ook leverbaar met BIG-PLUS koppeling voor bewerkingscentra.

# CoroChuck™ 970

## Voor nauwkeurig tappen

### Toepassing

- Voor het vermijden van overmaatse schroefdraad
- Geschikt voor alle gesynchroniseerde tapbewerkingen



### Voordelen en kenmerken

- Verbetert de levensduur van het tapgereedschap
- Veilig bewerkingsproces
- Reduceert het risico van het snijden van overmaatse schroefdraad significant
- Door gesynchroniseerd tappen worden de stuwkrachten op de tap flanken gereduceerd
- Nauwkeurig diepte dankzij de gelimiteerde axiale compensatie
- Nieuw verbeterd ontwerp voor inwendig koelmiddel
- Geschikt voor hogedruk-koelmiddel tot 80 bar (1160 psi)
- Meer schachtuitvoeringen voor uw machine

www.sandvik.coromant.com/corochuck970

### Beschikbare koppelingstypen

- Coromant Capto®
- ISO-Cone (ISO, MAS-BT, CAT-V)
- HSK
- Cilindrisch
- Weldon
- Coromant EH

### Productprogramma

- ER-grootte voor CoroChuck 970: 8, 11, 20, 25, 32, 40 en 50.
- ER-grootte 50 heeft een vierkant in de adapter en moet worden gebruikt met de grootste tap (M48). De spantang die met deze grote tap wordt gebruikt heeft geen vierkant.
- Voor HSK 63 en HSK 100 kan MQL worden gebruikt op ER-groottes 20 en 25.

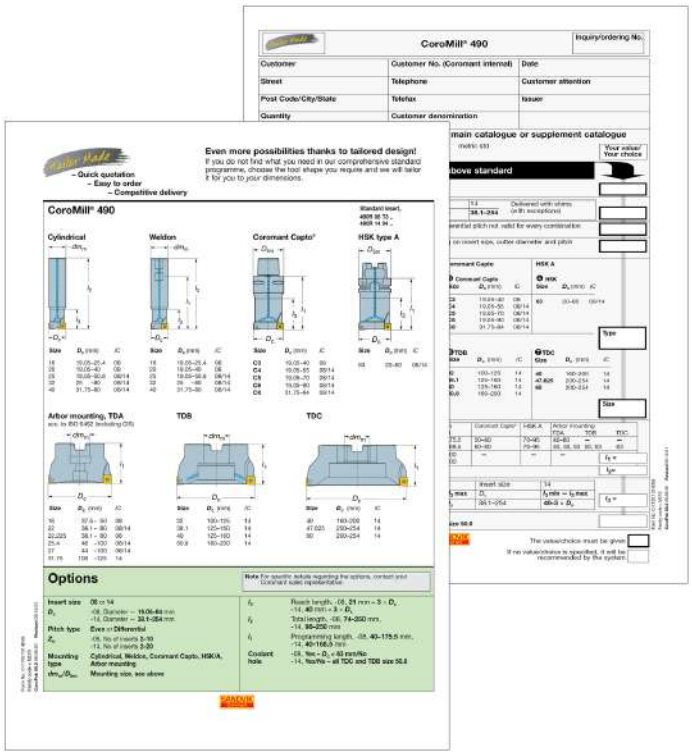
**Productprogramma**

| Type | Coromant Capto® | Coromant EH | ISO-Cone (ISO, MAS-BT, CAT-V) | BIG-PLUS (ISO, MAS-BT, CAT-V) | HSK | Cilindrisch | Weldon |
|---|---|---|---|---|---|---|---|
| SynchroFlex® | C3, C4, C5, C6, C8, C10 | 25 | 30, 40, 50 | 30, 40, 50 | 63, 100 | 12, 16, 20 | 12, 16, 25, 25A, 40 |

# “Tailor Made”

## Aanvullende gereedschapsopties voor uw specifieke vereisten.




Naast een uitgebreid standaardprogramma kunnen wij gereedschappen aanbieden volgens uw afmetingen, afgeleid van standaard gereedschappen. Met onze Tailor Made service bent u vrij uw afmetingen te kiezen zonder de prijs te betalen van speciale gereedschappen.

### Wat u van ons kunt verwachten

- Een snelle offerte
- Gemakkelijk bestellen
- Prestatiegarantie bij bepaalde product- en snijgegevens
- Concurrerende levertijden

www.sandvik.coromant.com/tailormade

De Tailor Made-optie is beschikbaar in de volgende productfamilies:

### Frezen

- CoroMill® 245
- CoroMill® 300
- CoroMill® 390
- CoroMill® 419
- CoroMill® 490
- CoroMill® 790
- CoroMill® Century
- CoroMill® 331
- CoroMill® QD
- CoroMill® 415
- CoroMill® 425
- CoroMill® 345
- CoroMill® 365
- CoroMill® 745

### Boren

- CoroDrill® 870
- CoroDrill® 880
- CoroDrill® DS20

### Adapters

- Coromant EH
- CoroChuck™ 930
- Coromant Capto®

### ...en oplossingen op maat

Als standaard en Tailor Made oplossingen niet voldoen aan uw eisen kunt u erop vertrouwen dat Sandvik Coromant, dankzij een brede ervaring in maatoplossingen, zelfs voor bijzonder veeleisende criteria het ideale gereedschap kan bieden.
Ga naar onze Tailor Made-formulieren op www.sandvik.coromant.com

# In het belang van het milieu

## Doe nu mee aan het Coromant Recycling Concept (CRC)!

Het Coromant Recycling Concept (CRC) is een uitgebreide service voor gebruikte hardmetalen wisselplaten die Sandvik Coromant aan al zijn klanten biedt. Gezien het toenemende verbruik van eenmalige grondstoffen is het zuinig beheer van de slinkende grondstoffen een plicht voor alle fabrikanten.
Sandvik Coromant doet hieraan mee door gebruikte wisselplaten en volhardmetalen gereedschappen in te zamelen en die op de meest milieuvriendelijke wijze voor hergebruik geschikt te maken.
Alle gebruikte wisselplaten worden verzameld in de inzamelbox op de werkplek.
Als de inzamelbox voldoende vol is, wordt de inhoud overgebracht in de transportbox. De volle transportbox wordt naar Sandvik Coromant gezonden die u ook meer informatie kan geven.



**De voordelen van CRC spreken voor zich:**

- Een ISO en OHAS wereldwijd gecertificeerd recyclage systeem.
- Voor directe klanten en wederverkopers.
- Een eenvoudige procedure met verzamel- en transportboxen.
- Minder afval, beter voor het milieu.
- Beter gebruik van middelen.
- Hardmetalen wisselplaten van andere fabrikanten worden eveneens geaccepteerd.

Bestel verzamelboxen voor elke draaibank, freesmachine, boormachine of bewerkingscentrum.
Wij raden één verzamelbox aan voor wisselplaten en één aparte box voor volhardmetalen snijgereedschappen voor elke verspanende werkplek.

| | Bestelnummers |
|---|---|
| Verzamelbox: | 91617 |
| (Houten) transportbox voor volhardmetalen gereedschappen: | 92994 |
| (Houten) transportbox voor wisselplaten: | 92995 |

# Veiligheidsinformatie

J

## Materiaalsamenstelling

**Gereedschapshouders**
Gereedschapshouders bevatten hoofdzakelijk ijzer (Fe), en laaggelegeerde elementen zoals chroom, nikkel, mangaan, molybdeen en silicium.
**instelbare wisselplaten/snijgereedschappen/ronde gereedschappen**
Gecementeerde hardmetalen producten bevatten voornamelijk wolfraamcarbide en kobalt. Ze kunnen ook carbiden en carbonitriden van de volgende elementen bevatten: titaan, tantalium, niobium, chroom, molybdeen en vanadium.

## Manieren van blootstellen

Het slijpen of verwarmen van hardmetalen blanks of een hardmetalen product veroorzaakt stof of dampen met gevaarlijke bestanddelen die kunnen worden ingeademd, ingeslikt of in contact komen met de huid of de ogen.

## Acute giftigheid

K

Het slijpstof is giftig wanneer ingeademd. Inademing kan irritatie en ontsteking van de luchtwegen veroorzaken. De acute giftigheid is beduidend hoger bij de gelijktijdige inademing van kobalt en wolfraamcarbide vergeleken met de inademing van kobalt alleen.
Contact met de huid kan irritatie en uitslag veroorzaken. Licht gevoelige personen kunnen een allergische reactie krijgen.

## Chronische giftigheid

De herhaaldelijke inademing van aërosols die kobalt bevatten, kan verstopping van de luchtwegen veroorzaken. De langdurige inademing van grotere concentraties kan longfibrose of longkanker veroorzaken. Uit epidemiologische studies blijkt dat werknemers die in het verleden aan hoge concentraties van wolfraamcarbide / kobalt blootstonden, groter gevaar lopen op het krijgen van longkanker.
Kobalt en nikkel kunnen mogelijk huidreacties teweegbrengen. Herhaald of langdurig contact kan irritatie veroorzaken.

## Risico vermeldingen

L

Giftig: bij langdurige blootstelling als gevolg van inademing kunnen ernstige gezondheidsproblemen ontstaan
Giftig wanneer ingeademd
Beperkt bewijs van kankerverwekkend effect.
Kan overgevoeligheid veroorzaken wanneer ingeademd en bij contact met de huid

## Voorzorgsmaatregelen

Vermijd de vorming en het inhaleren van slijpstof. Gebruik adequate lokale afzuiging om persoonlijke blootstelling ruim onder de nationaal goedgekeurde grenzen te houden.
Wanneer er geen ventilatie beschikbaar of deze onvoldoende is, moeten er een nationaal gekeurde afzuiging gebruikt worden.
Gebruik indien nodig een veiligheidsbril of een bril met zijbeschermers.
Voorkom herhaald contact met de huid. Draag geschikte werkhandschoenen. Was de huid zorgvuldig na de werkzaamheden.
Draag geschikte beschermende kleding. Was de kleding wanneer nodig.
Niet eten, drinken of roken in de werkruimte. Was de huid grondig voordat u eet, drinkt of rookt.

M



N

# Algemene codesleutel voor Coromill-frees

| R | A | 390 | – | 063 | Q | 22 | L | – | 11 | M | 050 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | 5 | 6 | 7 | | 8 | 9 | 10 |

**1 Uitvoering**

R = Rechtsdraaiend

**2 Prestatie**

A = Inch

**3 Hoofdcode**

B.v.: 390 = CoroMill® 390

**4 Freesdiameter**

B.v.: 063 = 63 mm

**5 Type koppeling**

A = Cilindrisch mm
B = Weldon mm
C = Coromant Capto®
D = Cilindrisch inch
J = CIS-doornopname
M = Weldon, inch
N = Whistle notch inch
Q = Doornopname mm
O = Cilindrisch inch
R = Doornopspanning inch
T = Draadkoppeling
W = Whistle notch mm
HA= HSK vorm A

**6 Afmeting koppeling**

22 = 22 mm

**7** Extra lang

L = Extra lang

**8** Wisselplaat afmeting

11 = 11 mm (LE)

**9**

L = Wijdvertand
M = Dichtvertand
H = Extra-dichtvertand

**10** Lengte, LF

B.v.: 050 = 50 mm

# Algemene codesleutel voor CoroMill-wisselplaten

| R | 390 | - | 11 | T3 | 12 | M | - | P | L | W |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | | 3 | 4 | 5 | 6 | | 7 | 8 | 9 |

### 1 Uitvoering van de wisselplaat

R = Rechts
L = Links

### 2 Hoofdcode

B.v.: 390= CoroMill® 390

### 3 Wisselplaatbreedte

B.v.: 11 = 11 mm

### 4 Wisselplaatdikte, S mm

B.v.: T3 S = 3.97

04 S = 4.76

06 S = 6.33

### 5 Neusradius

B.v.: 12 = 1,2 mm

### 6 Snijkantprestaties

M = Betrouwbaarste snijkant.

E = Hoogste scherpte en precisie

H = Hoge snijkantscherpte en hoge precisie

K = Hoge snijscherpte

### 7 Belangrijkste ISO-toepassingsgebied

P M K N S H

### 8 Bewerking

L = Licht snijdend
M = Middelmatig
H = Zwaar
T = Draai-frezen

### 9 Wiper

W = Wiper

# Codesleutel voor CoroMill® 327

## CoroMill 327 wisselplaat

**Groefsteken en aanschuinen**

| 327 | R | 12 | – | 22 | 130 | 45 | 08 | – | GC |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | 5 | 9 | 12 | | 7 |

**Draadsnijden**

| 327 | R | 06 | – | 12 | 100 | VM | – | TH |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | 10 | 11 | | 7 |

**Profileren**

| 327 | R | 06 | – | 12 | 220 | 11 | – | RM |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | 5 | 6 | | 7 |

**Insteken**

| 327 | R | 12 | – | 28 | 150 | 01 | – | GM | M |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | 5 | 6 | | 7 | 8 |

1 Productnaam
2 Rechtse wisselplaat
3 Koppelgrootte (interface)
4 D min (mm)
5 Wisselplaatbreedte
6 Radius ex 02 = radius 0,2 mm
7 Type wisselplaat
GM = Groefsteken
RM = Volledige neusradius
CH = Aanschuinen
GC = Groefsteken en aanschuinen
TH = Draadsnijden
8 M = Dichte vertanding
9 Aanschuining 45°
10 Draadspoed mm: spoed x 100
11 Type draad VM = V-profiel 60°
MM = Metrisch 60°
WH = Whitworth 55°
12 Max. snededіepte, CDX in mm

## CoroMill® 327 houders

| 327 | – | 12 | B | 15 | S | C | – | 06 |
|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | 3 | 4 | 5 | 6 | | 7 |

1 Productnaam
2 Schachtdiameter DCON
3 Schachttype B = Weldon
4 Lengtebereik
5 Schachtmaterialen S = staal
E = volhardmetaal
6 Inwendige koelvloeistof
7 Koppelgrootte (interface)

# Codesleutel voor CoroMill® 328

## CoroMill 328 wisselplaat

**Aanschuinfrezen**

| 328 | R | 13 | – | 110 | 45 | – | GC |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | 7 | | 6 |

**Draadsnijden**

| 328 | R | 13 | – | 150 | VM | – | TH |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 8 | 9 | | 6 |

**Insteken**

| 328 | R | 13 | – | 110 | 01 | – | GM |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | 5 | | 6 |

1 Productnaam
2 Rechtse wisselplaat
3 Wisselplaat afmeting
4 Wisselplaatbreedte
5 Radius ex 02 = radius 0,2 mm
6 Geometrie
GM = Groefsteken
GC = Groefsteken en aanschuinen
TH = Draadsnijden
7 Aanschuining 45°
8 Draadspoed mm: spoed x 100
9 Type draad VM = V-profiel 60°

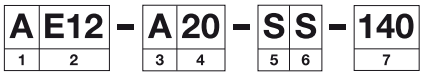
## CoroMill® 328 frezen

| 328 | – | 039 | B | 25 | – | 13 | M |
|---|---|---|---|---|---|---|---|
| 1 | | 2 | 3 | 4 | | 5 | 6 |

1 Productnaam
2 Freesdiameter, DC
3 Schachttype B = Weldon
Q = Doorn
S = Borst met spiebaan
4 Diameter schacht/koppelingen (DCON)
5 Wisselplaat afmeting
6 Spoed

# Codesleutel voor gereedschapshouders

Cilindrische houder




Coromant Capto ® -opname




Vaste houder




| 1 **Maatsysteem** | 2 **Grootte van de koppeling** | 3 **Type houder** |
|---|---|---|
| A = Inch-uitvoering | E12= CoroMill® EH koppelingsgrootte | A = Cilindrisch |

| 4 **Diameter van houder** | 5 **Type houder** | 6 **Materiaal van houder** | 7 **Lengte houder** |
|---|---|---|---|
| B.v.: DCON = 20 mm | S = Recht<br>C = Conisch | S = Staal<br>E = Volhardmetaal | B.v.: 140 = 140 mm |

| 8 **Afmeting koppeling** | 9 **Familie/ opnametype** | 10 **Grootte van de koppeling** | 11 **Conusafmeting** |
|---|---|---|---|
| C = Coromant Capto® | 391.EH = Coromant Capto® EH opname<br>392.140EH = ISO 7388.1<br>392.55EH = MAS-BT 403<br>A392.45EH = CAT V<br>392.410EH = HSK houder vorm A/C<br>A392.R8EH = Bridgeport opname<br>392.EREH = ER geïntegreerde houder | CoroMill® EH koppelingsgrootte | Conusmaat voor Coromant vaste opnames |

# Codesleutel voor vaste houders

| A | A | 1 | B | 05 | – | 50 | 32 | 060 |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 |

**1 Inch-uitvoering**

**2 Koelvloeistof door het midden**

**3 Spiltype**

1=ISO 7388/1 (DIN 69871)
2= MAS-BT
3 = CAT V-flens

**4 Opties**

B = Koelvloeistof door de flens
F = Flensbevestiging
X = Extra kort

**5 Type houder**

05 = Vlakfreeshouder
14 = ER-spantang
20 = Vingerfreeshouder, type Weldon
27 = Houder voor kortgatboor - schacht ISO 9766

**6 Conusafmeting 30, 40, 50**

**7 Opnamemaat of pilot, $DCON_{WS}$**

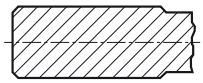
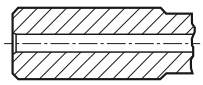
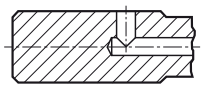
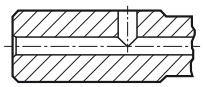
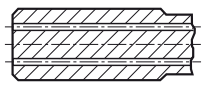
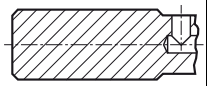
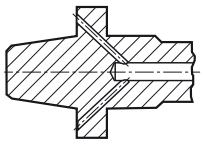
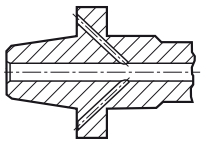
| mm | | |
|---|---|---|
| 09 | 19 | 38 |
| 13 | 25 | 51 |
| 16 | 32 | 63 |

**8 Programmeerlengte in mm**

060 = 60 mm

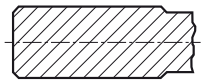
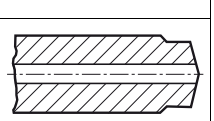
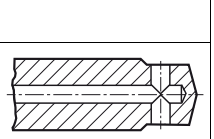
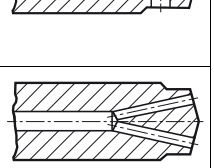
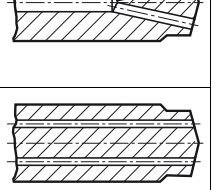
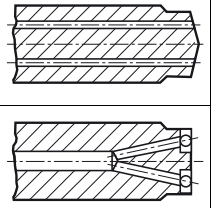
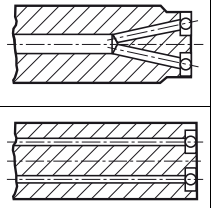
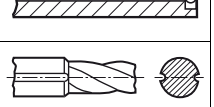
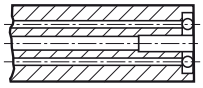
## CNSC

**Code type koelmiddelinvoer**

| Bestel-nummer | Beschrijving | Afbeelding |
|---|---|---|
| 0 | Zonder koelmiddel |  |
| 1 | Axiale concentrische toevoer |  |
| 2 | Radiale toevoer |  |
| 3 | Axiale concentrische en radiale toevoer |  |
| 4 | Axiale concentrische toevoer op cirkel |  |
| 5 | Radiale toevoer voor adapter |  |
| 6 | Decentraal via flens |  |
| 7 | Decentraal via flens en axiaal |  |
| 8 | Decentraal oversleuven op de schacht |  |

## CXSC

**Code type koelmiddeluitvoer**

| Bestel-nummer | Beschrijving | Afbeelding |
|---|---|---|
| 0 | Geen koelmiddeluitgang |  |
| 1 | Axiale concentrische uitgang |  |
| 2 | Radiale uitgang |  |
| 3 | Axiale schuine uitgang |  |
| 4 | Axiaal concentrisch op cirkel |  |
| 5 | Axiale schuine uitgang met spuitmond, verstelbaar |  |
| 6 | Decentrale uitgang met spuitmond, verstelbaar |  |
| 7 | Decentraal oversleuven op de schacht |  |
| 8 | Axiaal of decentraal met spuitmond, verstelbaar |  |

# Formules en definities:

| | |
|---|---|
| $v_c$ = Snijsnelheid | m/min (meter/minuut) |
| $n$ = spiltoerental | tpm (toeren per minuut) |
| $v_f$ = tafelvoeding | mm/min |
| zn = totaal aantal tanden | |
| $z_c$ = aantal effectieve snijkanten | |
| $f_z$ = voeding per tand | mm/z |
| $f_n$ = voeding per omwenteling | mm/omw |
| $h_{ex}$ = maximale spaandikte | mm |
| $a_p$ = snijdiepte | mm |
| $a_e/D_c$ % = Radiale immersie | % |
| $T$ = bewerkingstijd | min. |
| $Q$ = Verspaand Volume | $cm^3/min$ |
| $nap$ = aantal invoedingen | |
| $k_c$ = specifieke snijkracht | $N/mm^2$ |
| $R_a$ = oppervlakteruwheid | µm |

**Wisselplaat afmeting**

△ = snijkantlengte in mm

# Ifind

## Onze meest praktische tools verzameld voor uw gemak

**Je bent online, je bent onderweg en je bent in de werkplaats. Waar je ook bent, je hebt toegang tot de functies die je nodig hebt via de Ifind-app.**

**De app helpt u bij het vinden van gereedschappen, oplossingen of de informatie die u nodig heeft voor uw activiteiten. U kunt aanbevelingen voor gereedschappen krijgen, u kunt aankopen doen, uw bestelling volgen en zelfs uzelf informeren. Wat wil je doen vandaag?**

**Alles wat u in de Ifind-app vindt, is op elk apparaat beschikbaar.Alles wat u in de Ifind-app vindt, is op elk apparaat beschikbaar.**







# Referentielijst materialen

| ISO | MC | CMC | Land | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Europa | Duitsland | Groot-Brittannië | | Zweden | USA | Frankrijk | Italië | Spanje | Japan |
| | | | Standaard | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| P | **Ongelegeerd staal** | | | | | | | | | | | |
| Staal | P1.1.Z.AN | 01.1 | S235JR G2 | 1.0038 | 4360 40 C | - | 1311 | A570.36 | E 24-2 Ne | - | - | STKM 12A;C |
| | P1.1.Z.AN | 01.1 | S235J2 G3 | 1.0116 | 4360 40 B | - | 1312 | A573-81 65 | E 24-U | Fe37-3 | - | - |
| | P1.1.Z.AN | 01.1 | C15 | 1.0401 | 080M15 | - | 1350 | 1015 | CC12 | C15C16 | F.111 | - |
| | P1.1.Z.AN | 01.1 | C22 | 1.0402 | 050A20 | 2C/2D | 1450 | 1020 | CC20 | C20C21 | F.112 | - |
| | P1.1.Z.AN | 01.1 | C15E | 1.1141 | 080M15 | 32C | 1370 | 1015 | XC12 | C16 | C15K | S15C |
| | P1.1.Z.AN | 01.1 | C25E | 1.1158 | - | - | - | 1025 | - | - | - | S25C |
| | P1.1.Z.AN | 01.1 | S380N | 1.8900 | 4360 55 E | - | 2145 | A572-60 | - | FeE390KG | - | - |
| | P1.1.Z.AN | 01.1 | 17MnV7 | 1.0870 | 4360 55 E | - | 2142 | A572-60 | NFA 35-501 E 36 | - | - | - |
| | P1.1.Z.AN | 02.1 | 55Si7 | 1.0904 | 250A53 | 45 | 2085 | 9255 | 55S7 | 55Si8 | 56Si7 | - |
| | P1.1.Z.AN | 02.2 | - | - | - | - | 2090 | 9255 | 55S7 | - | - | - |
| | P1.2.Z.AN | 01.2 | C35 | 1.0501 | 060A35 | - | 1550 | 1035 | CC35 | C35 | F.113 | - |
| | P1.2.Z.AN | 01.2 | C45 | 1.0503 | 080M46 | - | 1650 | 1045 | CC45 | C45 | F.114 | - |
| | P1.2.Z.AN | 01.2 | 40Mn4 | 1.1157 | 150M36 | 15 | - | 1039 | 35M5 | - | - | - |
| | P1.2.Z.AN | 01.2 | 36MN5 | 1.1167 | - | - | 2120 | 1335 | 40M5 | - | 36Mn5 | SMn438(H) |
| | P1.2.Z.AN | 01.2 | 28Mn6 | 1.1170 | 150M28 | 14A | - | 1330 | 20M5 | C28Mn | - | SCMn1 |
| | P1.2.Z.AN | 01.2 | C35G | 1.1183 | 060A35 | - | 1572 | 1035 | XC38TS | C36 | - | S35C |
| | P1.2.Z.AN | 01.2 | C45E | 1.1191 | 080M46 | - | 1672 | 1045 | XC42 | C45 | C45K | S45C |
| | P1.2.Z.AN | 01.2 | C53G | 1.1213 | 060A52 | - | 1674 | 1050 | XC48TS | C53 | - | S50C |
| | P1.2.Z.AN | 01.3 | C55 | 1.0535 | 070M55 | - | 1655 | 1055 | - | C55 | - | - |
| | P1.2.Z.AN | 01.3 | C55E | 1.1203 | 070M55 | - | - | 1055 | XC55 | C50 | C55K | S55C |
| | P1.2.Z.AN | 02.1 | S275J2G3 | 1.0144 | 4360 43C | - | 1412 | A573-81 | E 28-3 | - | - | SM 400A;B;C |
| | P1.2.Z.AN | 02.1 | S355J2G3+C2 | 1.0570 | 4360 50B | - | 2132 | - | E36-3 | Fe52BFN/Fe52CFN | - | SM490A;B;C;YA;YB |
| | P1.2.Z.AN | 02.1 | S355J2G3 | 1.0841 | 150 M 19 | - | 2172 | 5120 | 20 MC 5 | Fe52 | F-431 | - |
| | P1.3.Z.AN | 01.3 | C60E | 1.0601 | 080A62 | 43D | - | 1060 | CC55 | C60 | - | - |
| | P1.3.Z.AN | 01.3 | C60E | 1.1221 | 080A62 | 43D | 1678 | 1060 | XC60 | C60 | - | S58C |
| | P1.3.Z.AN | 01.4 | C101E | 1.1274 | 060 A 96 | - | 1870 | 1095 | XC 100 | - | F-5117 | - |
| | P1.3.Z.AN | 01.4 | C101u | 1.1545 | BW 1A | - | 1880 | W 1 | Y105 | C36KU | F-5118 | SK 3 |
| | P1.3.Z.AN | 01.4 | C105W1 | - | BW2 | - | 2900 | W210 | Y120 | C120KU | F.515 | SUP4 |
| | P1.3.Z.AN | 02.1 | S340 MGC | 1.0961 | - | - | - | 9262 | 60SC7 | 60SiCr8 | 60SiCr8 | - |
| | P1.4.Z.AN | 01.1 | 11SMn30 | 1.0715 | 230M07 | - | 1912 | 1213 | S250 | CF9SMn28 | 11SMn28 | SUM22 |
| | P1.4.Z.AN | 01.1 | 11SMnPb30 | 1.0718 | - | - | 1914 | 12L13 | S250Pb | CF9SMnPb28 | 11SMnPb28 | SUM22L |
| | P1.4.Z.AN | 01.1 | 10SPb20 | 1.0722 | - | - | - | - | 10PbF2 | CF10SPb20 | 10SPb20 | - |
| | P1.4.Z.AN | 01.1 | 11SMn37 | 1.0736 | 240M07 | 1B | - | 1215 | S 300 | CF9SMn36 | 12SMn35 | - |
| | P1.4.Z.AN | 01.1 | 11SMnPb37 | 1.0737 | - | - | 1926 | 12L14 | S300Pb | CF9SMnPb36 | 12SMnP35 | - |
| | P1.4.Z.AN | 01.2 | 35S20 | 1.0726 | 212M36 | 8M | 1957 | 1140 | 35MF4 | - | F210G | - |
| | P1.5.C.UT | 01.1 | GC16E | 1.1142 | 030A04 | 1A | 1325 | 1115 | - | - | - | - |
| | **Laaggelegeerd staal** | | | | | | | | | | | |
| | P2.1.Z.AN | 02.1 | 16Mo3 | 1.5415 | 1501-240 | - | 2912 | A204Gr.A | 15D3 | 16Mo3KW | 16Mo3 | - |
| | P2.1.Z.AN | 02.1 | 14Ni6 | 1.5622 | - | - | - | A350LF5 | 16N6 | 14Ni6 | 15Ni6 | - |
| | P2.1.Z.AN | 02.1 | 21NiCrMo2 | 1.6523 | 805M20 | 362 | 2506 | 8620 | 20NCD2 | 20NiCrMo2 | 20NiCrMo2 | SNCM220(H) |
| | P2.1.Z.AN | 02.1 | 17CrNiMo6 | 1.6587 | 820A16 | - | - | - | 18NCD6 | - | 14NiCrMo13 | - |
| | P2.1.Z.AN | 02.1 | 15Cr3 | 1.7015 | 523M15 | - | - | 5015 | 12C3 | - | - | SCr415(H) |
| | P2.1.Z.AN | 02.1 | 55Cr3 | 1.7176 | 527A60 | 48 | - | 5155 | 55C3 | - | - | SUP9(A) |
| | P2.1.Z.AN | 02.1 | 15CrMo5 | 1.7262 | - | - | 2216 | - | 12CD4 | - | 12CrMo4 | SCM415(H) |
| | P2.1.Z.AN | 02.1 | 13CrMo4-5 | 1.7335 | 1501-620Gr27 | - | - | A182 F11;F12 | 15CD3.5<br>15CD4.5 | 14CrMo4 5 | 14CrMo45 | - |
| | P2.1.Z.AN | 02.1 | 10CrMo9 10 | 1.7380 | 1501-622 Gr.31;45 | - | 2218 | A182 F.22 | 12CD9, 10 | 12CrMo9, 10 | TU.H | - |
| | P2.1.Z.AN | 02.1 | 14MoV6 3 | 1.7715 | 1503-660-440 | - | - | - | - | - | 13MoCrV6 | - |
| | P2.1.Z.AN | 02.1 | 50CoMo4 | 1.7228 | 823M30 | 33 | 2512 | - | - | 653M31 | - | - |
| | P2.1.Z.AN | 02.2 | 14NiCr10 | 1.5732 | - | - | - | 3415 | 14NC11 | 16NiCr11 | 15NiCr11 | SNC415(H) |
| | P2.1.Z.AN | 02.2 | 14NiCr14 | 1.5752 | 655M13; A12 | 36A | - | 3415;3310 | 12NC15 | - | - | SNC815(H) |
| | P2.1.Z.AN | 02.1/02.2 | 16MnCr5 | 1.7131 | (527M20) | - | 2511 | 5115 | 16MC5 | 16MnCr5 | 16MnCr5 | - |
| | P2.1.Z.AN | 02.1/02.2 | 34CrMo4 | 1.7220 | 708A37 | 19B | 2234 | 4137;4135 | 35CD4 | 35CrMo4 | 34CrMo4 | SCM432;SCCRM3 |
| | P2.1.Z.AN | 02.1/02.2 | 41CrMo4 | 1.7223 | 708M40 | 19A | 2244 | 4140;4142 | 42CD4TS | 41CrMo4 | 42CrMo4 | SCM 440 |
| | P2.1.Z.AN | 02.1/02.2 | 42CrMo4 | 1.7225 | 708M40 | 19A | 2244 | 4140 | 42CD4 | 42CrMo4 | 42CrMo4 | SCM440(H) |
| | P2.1.Z.AN | 03.11 | 14NiCrMo134 | 1.6657 | 832M13 | 36C | - | - | - | 15NiCrMo13 | 14NiCrMo131 | - |
| | P2.2.Z.AN | 02.1 | 31CrMo12 | 1.8515 | 722 M 24 | - | 2240 | - | 30 CD 12 | 30CrMo12 | F-1712 | - |
| | P2.2.Z.AN | 02.1 | 39CrMoV13 9 | 1.8523 | 897M39 | 40C | - | - | - | 36CrMoV12 | - | - |
| | P2.2.Z.AN | 02.1 | 41CrS4 | 1.7039 | 524A14 | - | 2092 | L1 | - | 105WCR 5 | - | - |
| | P2.2.Z.AN | 02.1 | 50NiCr13 | 1.2721 | - | - | 2550 | L6 | 55NCV6 | - | F-528 | - |
| | P2.2.Z.AN | 03.11 | 45WCrV7 | 1.2542 | BS1 | - | 2710 | S1 | - | 45WCrV8KU | 45WCrSi8 | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 36CrNiMo4 | 1.6511 | 816M40 | 110 | - | 9840 | 40NCD3 | 38NiCrMo4(KB) | 35NiCrMo4 | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 34CrNiMo6 | 1.6582 | 817M40 | 24 | 2541 | 4340 | 35NCD6 | 35NiCrMo6(KB) | - | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 34Cr4 | 1.7033 | 530A32 | 18B | - | 5132 | 32C4 | 34Cr4(KB) | 35Cr4 | SCr430(H) |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 41Cr4 | 1.7035 | 530A40 | 18 | - | 5140 | 42C4 | 41Cr4 | 42Cr4 | SCr440(H) |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 32CrMo12 | 1.7361 | 722M24 | 40B | 2240 | - | 30CD12 | 32CrMo12 | F.124.A | - |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 51CrV4 | 1.8159 | 735A50 | 47 | 2230 | 6150 | 50CV4 | 50CrV4 | 51CrV4 | SUP10 |
| | P2.2.Z.AN/P2.5.Z.HT | 02.1/02.2 | 41CrAlMo7 | 1.8509 | 905M39 | 41B | 2940 | - | 40CAD6, 12 | 41CrAlMo7 | 41CrAlMo7 | - |
| | P2.3.Z.AN | 02.1 | 100Cr6 | 1.3505 | 534A99 | 31 | 2258 | 52100 | 100C6 | 100Cr6 | F.131 | SUJ2 |



SANDVIK Coromant

# Referentielijst materialen

| ISO | MC | CMC | Land<br>Europa | Duitsland | Groot-Brittannië | | Zweden | USA | Frankrijk | Italië | Spanje | Japan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Standaard | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| P | P2.3.Z.AN/H1.2.Z.HA | 02.1/02.2 | 105WCr6 | 1.2419 | - | - | 2140 | - | 105WC13 | 10WCr6 | 105WCr5 | SKS31 |
| | P2.3.Z.AN/H1.2.Z.HA | - | - | - | - | - | - | - | - | 107WCr5KU | - | SKS2, SKS3 |
| | P2.3.Z.AN/H1.2.Z.HA | 02.1/02.2 | - | 1.2714 | - | - | - | L6 | 55NCDV7 | - | F.520.S | SKT4 |
| | P2.3.Z.AN/H1.3.Z.HA | 02.1/02.2 | 100Cr6 | 1.2067 | BL3 | - | - | L3 | Y100C6 | - | 100Cr6 | - |
| | P2.4.Z.AN | 02.1 | 16MnCr5 | 1.7139 | - | - | 2127 | - | - | - | - | - |
| | P2.5.Z.HT | 02.1 | 16Mo5 | 1.5423 | 1503-245-420 | - | - | 4520 | - | 16Mo5 | 16Mo5 | - |
| | P2.5.Z.HT | 02.1 | 40NiCrMo8-4 | 1.6562 | 311-Type 7 | - | - | 8740 | - | 40NiCrMo2(KB) | 40NiCrMo2 | SNCM240 |
| | P2.5.Z.HT | 02.1 | 42Cr4 | 1.7045 | - | - | 2245 | 5140 | - | - | 42Cr4 | SCr440 |
| | P2.5.Z.HT | 02.1 | 31NiCrMo14 | 1.5755 | 830 M 31 | - | 2534 | - | - | - | F-1270 | - |
| | P2.5.Z.HT | 02.2 | 36NiCr6 | 1.5710 | 640A35 | 111A | - | 3135 | 35NC6 | - | - | SNC236 |
| | P2.6.C.UT | 02.1 | 22Mo4 | 1.5419 | 605A32 | - | 2108 | 8620 | - | - | F520.S | - |
| | P2.6.C.UT | 02.1/02.2 | 25CrMo4 | 1.7218 | 1717CDS110 | - | 2225 | 4130 | 25CD4 | 25CrMo4(KB) | AM26CrMo4 | SCM420;SCM430 |
| | P2.6.C.UT | 06.2 | - | - | - | - | 2223 | - | - | - | - | - |
| | **Hooggelegeerd staal** | | | | | | | | | | | |
| | P3.0.Z.AN | 03.11 | X210Cr12 | 1.2080 | BD3 | - | - | D3 | Z200C12 | X210Cr13KU<br>X250Cr12KU | X210Cr12 | SKD1 |
| | P3.0.Z.AN | 03.11 | X43Cr13 | 1.2083 | - | - | 2314 | - | - | - | - | - |
| | P3.0.Z.AN | 03.11 | X40CrMoV5 1 | 1.2344 | BH13 | - | 2242 | H13 | Z40CDV5 | X35CrMoV05KU<br>X40CrMoV511KU | X40CrMoV5 | SKD61 |
| | P3.0.Z.AN | 03.11 | X100CrMoV5 1 | 1.2363 | BA2 | - | 2260 | A2 | Z100CDV5 | X100CrMoV51KU | X100CrMoV5 | SKD12 |
| | P3.0.Z.AN | 03.11 | X210CrW12 | 1.2436 | - | - | 2312 | - | - | X215CrW12 1KU | X210CrW12 | SKD2 |
| | P3.0.Z.AN | 03.11 | X30WCrV9 3 | 1.2581 | BH21 | - | - | H21 | Z30WCV9 | X28W09KU<br>X30WCrV9 3KU | X30WCrV9 | SKD5 |
| | P3.0.Z.AN | 03.11 | X165CrMoV 12 | 1.2601 | - | - | 2310 | - | - | X165CrMoW12KU | X160CrMoV12 | - |
| | P3.0.Z.AN | 03.21 | X155CrMoV12-1 | 1.2379 | - | - | 2736 | HNV3 | - | - | - | - |
| | P3.0.Z.HT | 03.11 | X8Ni9 | 1.5662 | 1501-509;510 | - | - | ASTM A353 | - | X10Ni9 | XBNi09 | - |
| | P3.0.Z.HT | 03.11 | 12Ni19 | 1.5680 | - | - | - | 2515 | Z18N5 | - | - | - |
| | P3.1.Z.AN | 03.11 | S6-5-2 | 1.3343 | 4959BA2 | - | 2715 | D3 | Z40CSD10 | 15NiCrMo13 | - | SUH3 |
| | P3.1.Z.AN | 03.13 | - | - | BM 2 | - | 2722 | M 2 | Z85WDCV | HS 6-5-2-2 | F-5603. | SKH 51 |
| | P3.1.Z.AN | 03.13 | HS 6-5-2-5 | 1.3243 | BM 35 | - | 2723 | M 35 | 6-5-2-5 | HS 6-5-2-5 | F-5613 | SKH 55 |
| | P3.1.Z.AN | 03.13 | HS 2-9-2 | 1.3348 | - | - | 2782 | M 7 | - | HS 2-9-2 | F-5607 | - |
| | P3.2.C.AQ | 06.33 | G-X120Mn12 | 1.3401 | Z120M12 | - | 2183 | L3 | Z120M12 | XG120Mn12 | X120Mn12 | SCMnH/1 |
| Staal | **Ferritisch/martensitisch roestvaststaal** | | | | | | | | | | | |
| | P5.0.Z.AN | 05.11/15.11 | X10CrAL13 | 1.4724 | 403S17 | - | - | 405 | Z10C13 | X10CrAl12 | F.311 | SUS405 |
| | P5.0.Z.AN | 05.11/15.11 | X10CrAL18 | 1.4742 | 430S15 | 60 | - | 430 | Z10CAS18 | X8Cr17 | F.3113 | SUS430 |
| | P5.0.Z.AN | 05.11/15.11 | X10CrAL2-4 | 1.4762 | - | - | 2322 | 446 | Z10CAS24 | X16Cr26 | - | SUH446 |
| | P5.0.Z.AN | 05.11/15.11 | X1CrMoTi18-2 | 1.4521 | - | - | 2326 | S44400 | - | - | - | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6Cr13 | 1.4000 | 403S17 | - | 2301 | 403 | Z6C13 | X6Cr13 | F.3110 | SUS403 |
| | P5.0.Z.AN/P5.0.Z.HT | - | X7Cr14 | 1.4001 | - | - | - | - | - | - | F.8401 | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X10Cr13 | 1.4006 | 410S21 | 56A | 2302 | 410 | Z10C14 | X12Cr13 | F.3401 | SUS410 |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6Cr17 | 1.4016 | 430S15 | 960 | 2320 | 430 | Z8C17 | X8Cr17 | F3113 | SUS430 |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6CrAL13 | 1.4002 | 405S17 | - | - | 405 | Z8CA12 | X6CrAl13 | - | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X20Cr13 | 1.4021 | 420S37 | - | 2303 | 420 | Z20C13 | X20Cr13 | - | - |
| | P5.0.Z.AN/P5.0.Z.HT | 05.11/15.11 | X6CrMo17-1 | 1.4113 | 434S17 | - | 2325 | 434 | Z8CD17.01 | X8CrMo17 | - | SUS434 |
| | P5.0.Z.HT | 03.11 | X45CrS9-3-1 | 1.4718 | 401S45 | 52 | - | HW3 | Z45CS9 | X45GrSi8 | F322 | SUH1 |
| | P5.0.Z.HT | 05.11/15.11 | X85CrMoV18-2 | 1.4748 | 443S65 | 59 | - | HNV6 | Z80CSN20.02 | X80CrSiNi20 | F.320B | SUH4 |
| | P5.0.Z.HT | 05.11/15.11 | X20CrMoV12-1 | 1.4922 | - | - | 2317 | - | - | X20CrMoNi 12 01 | - | - |
| | P5.0.Z.PH | 05.11/15.11 | X12CrS13 | 1.4005 | 416 S 21 | - | 2380 | 416 | Z11CF13 | X12 CrS 13 | F-3411 | SUS 416 |
| | P5.0.Z.PH | 05.11/15.11 | X46Cr13 | 1.4034 | 420S45 | 56D | 2304 | - | Z40CM | X40Cr14 | F.3405 | SUS420J2 |
| | P5.0.Z.PH | 05.11/15.11 | X19CrNi17-2 | 1.4057 | 431S29 | 57 | 2321 | 431 | Z15CNi6.02 | X16CrNi16 | F.3427 | SUS431 |
| | P5.0.Z.PH | 05.12/15.12 | X5CrNiCuNb16-4 | 1.4542 1.4548 | - | - | - | 630 | Z7CNU17-04 | - | - | - |
| | P5.0.Z.PH | 15.21 | X4 CrNiMo16-5 | 1.4418 | - | - | 2387 | - | Z6CND16-04-01 | - | - | - |
| | P5.1.Z.AN/P5.0.Z.HT | 05.11/15.11 | X14CrMoS17 | 1.4104 | - | - | 2383 | 430F | Z10CF17 | X10CrS17 | F.3117 | SUS430F |

| | | | |
|---|---|---|---|
| | | | **Handelsnamen** |
| P2.1.Z.AN | 02.1 | | OVAKO 520M (Ovako Steel) |
| P2.2.Z.AN | 02.1 | 1.0045 | FORMAX (Uddeholm Tooling) |
| P2.2.Z.AN | 02.1 | | IMACRO NIT (Imatra Steel) |
| P2.5.Z.HT | 02.2 | | INEXA 482 (XM) (Inexa Profil) |
| P1.2.Z.AN | | | S355J2G3(XM) |
| P1.2.Z.AN | | | C45(XM) |
| P1.2.Z.AN | | | 16MnCrS5(XM) |
| P2.5.Z.HT | | | INEXA280(XM) |
| P2.5.Z.HT | 02.2 | | 070M20(XM) |
| P2.5.Z.HT | 02.2 | | HARDOX 500 (SSAB – Swedish Steel Corp.) |
| P2.5.Z.HT | | | WELDOX 700 (SSAB – Swedish Steel Corp.) |

# Referentielijst materialen

| ISO | MC | CMC | Land<br>Europa | Duitsland | Groot-Brittannië | | Zweden | USA | Frankrijk | Italië | Spanje | Japan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Standaard<br>DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| M | **Austenitisch roestvaststaal** | | | | | | | | | | | |
| Roestvaststaal | M1.0.Z.AQ | 05.11/15.11 | X3CrNiMo13-4 | 1.4313 | 425C11 | - | 2385 | CA6-NM | Z4CND13.4M<br>Z38C13M | (G)X6CrNi304 | - | SCS5 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.11/15.11 | X53CrMnNiN21-9 | 1.4871 | 349S54 | - | - | EV8 | Z52CMN21.09 | X53CrMnNiN21 9 | - | SUH35, SUH36 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiN18-10 | 1.4311 | 304S62 | - | 2371 | 304LN | Z2CN18.10 | - | - | SUS304LN |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMoN17-13-3 | 1.4429 | - | - | 2375 | 316LN | Z2CND17.13 | - | - | SUS316LN |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMo17-12-2 | 1.4404 | 316S13 | - | 2348 | 316L | Z2CND17-12 | X2CrNiMo1712 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMo18-14-3 | 1.4435 | 316S13 | - | 2353 | 316L | Z2CND17.12 | X2CrNiMo17 12 | - | SCS16, SUS316L |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X3CrNiMo17-3-3 | 1.4436 | 316S33 | - | 2343, 2347 | 316 | Z6CND18-12-03 | X8CrNiMo1713 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMo18-15-4 | 1.4438 | 317S12 | - | 2367 | 317L | Z2CND19.15 | X2CrNiMo18 16 | - | SUS317L |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X6CrNiNb18-10 | 1.4550 | 347S17 | 58F | 2338 | 347 | Z6CNNb18.10 | X6CrNiNb18 11 | F.3552 F.3524 | SUS347 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X6CrNiMoTi17-12-2 | 1.4571 | 320S17 | 58J | 2350 | 316Ti | Z6NDT17.12 | X6CrNiMoTi17 12 | F.3535 | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X10CrNiMoNb 18-12 | 1.4583 | - | - | - | 318 | Z6CNDNb17 13B | X6CrNiMoNb17 13 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X15CrNiSi20-12 | 1.4828 | 309S24 | - | - | 309 | Z15CNS20.12 | - | - | SUH309 |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNiMoN17-11-2 | 1.4406 | 301S21 | 58C | 2370 | 308 | Z1NCDU25.20 | - | F.8414 | SCS17 |
| | M1.0.Z.AQ | 05.21/15.21 | X1CrNiMoCuN20-18-7 | 1.4547 | - | - | 2378 | S31254 | Z1CNDU20-18-06AZ | - | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X9CrNi18-8 | 1.4310 | - | - | 2331 | 301 | Z12CN17.07 | X12CrNi17 07 | F.3517 | SUS301 |
| | M1.0.Z.PH | 05.22/15.22 | X7CrNiAL17-7 | 1.4568 1.4504 | 316S111 | - | - | 17-7PH | Z8CNA17-07 | X2CrNiMo1712 | - | - |
| | M1.0.Z.AQ/M1.0.C.UT | 05.21/15.21 | X2CrNi19-11 | 1.4306 | 304S11<br>304S12 | - | 2352 | 304L | Z2CN18-10 | X2CrNi18 11 | - | - |
| | M1.1.Z.AQ | 05.21/15.21 | - | - | 304S31 | 58E | 2332, 2333 | 304 | Z6CN18.09 | X5CrNi18 10 | F.3504 F.3541 | SUS304 |
| | M1.1.Z.AQ | 05.21/15.21 | X5CrNi18-10 | 1.4301 | 304S15 | 58E | 2332 | 304 | Z6CN18.09 | X5CrNi18 10 | F.3551 | SUS304 |
| | M1.1.Z.AQ | 05.21/15.21 | X5CrNiMo17-2-2 | 1.4401 | 316S16 | 58J | 2347 | 316 | Z6CND17.11 | X5CrNiMo17 12 | F.3543 | SUS316 |
| | M1.1.Z.AQ | 05.21/15.21 | X6CrNiTi18-10 | 1.4541 | 321S12 | 58B | 2337 | 321 | Z6CNT18.10 | X6CrNiTi18 11 | F.3553 F.3523 | SUS321 |
| | M1.2.Z.AQ | 05.21/15.21 | X8CrNiS18-9 | 1.4305 | 303S21 | 58M | 2346 | 303 | Z10CNF 18.09 | X10CrNiS 18.09 | F.3508 | SUS303 |
| | **Super-austenitisch (Ni>20%) roestvaststaal** | | | | | | | | | | | |
| | M2.0.C.AQ | 20.11 | G-X40NiCrSi36-18 | 1.4865 | 330C11 | - | - | - | - | XG50NiCr39 19 | - | SCH15 |
| | M2.0.Z.AQ | 05.21/15.21 | X1NiCrMoCu25-20-5 | 1.4539 | - | - | 2562 | UNS V 0890A | Z2 NCDU25-20 | - | - | - |
| | M2.0.Z.AQ | 05.21/15.21 | X8CrNi25-21 | 1.4845 | 310S24 | - | 2361 | 310S | Z12CN25 20 | X6CrNi25 20 | F.331 | SUH310 |
| | M2.0.Z.AQ | 20.11 | X12NiCrSi36 16 | 1.4864 | - | - | - | 330 | Z12NCS35.16 | F-3313 | - | SUH330 |
| | M2.0.Z.AQ | 05.23/15.23 | X1NiCrMoCu31-27-4 | 1.4563 | - | - | 2584 | NO8028 | Z1NCDU31-27-03 | - | - | - |
| | **Duplex (austenitisch/ferritisch) roestvaststaal** | | | | | | | | | | | |
| | M3.1.Z.AQ/M3.1.C.AQ | 05.51/15.51 | X2CrNiN23-4 | 1.4362 | - | - | 2376 | S31500 | - | - | - | - |
| | M3.1.Z.AQ/M3.1.C.AQ | 05.51/15.51 | X8CrNiMo27-5 | - | - | - | 2324 | S32900 | - | - | - | - |
| | M3.2.Z.AQ/M3.2.C.AQ | 05.52/15.52 | X2CrNiN23-4 | - | - | - | 2327 | S32304 | Z2CN23-04AZ | - | - | - |
| | M3.2.Z.AQ/M3.2.C.AQ | 05.52/15.52 | - | - | - | - | 2328 | - | - | - | - | - |
| | M3.2.Z.AQ/M3.2.C.AQ | 05.52/15.52 | X2CrNiMoN22-53 | - | - | - | 2377 | S31803 | Z2CND22-05-03 | - | - | - |

| | | | | |
|---|---|---|---|---|
| | | | **Handelsnamen** | |
| M1.1.Z.AQ | 05.21/15.21 | | SANMAC 304 (Sandvik Steel) | |
| M1.1.Z.AQ | 05.21/15.21 | 1.0045 | SANMAC 304L (Sandvik Steel) | |
| M1.1.Z.AQ | 05.21/15.21 | | SANMAC 316 (Sandvik Steel) | |
| M1.1.Z.AQ | 05.21/15.21 | | SANMAC 316L (Sandvik Steel) | |
| M1.0.Z.AQ | 05.23/15.23 | | 254 SMO | |
| M2.0.Z.AQ | 05.23/15.23 | | 654 SMO | |
| M3.2.Z.AQ | 05.52/15.52 | | SANMAC SAF 2205 (Sandvik Steel) | |
| M3.2.Z.AQ | 05.52/15.52 | | SANMAC SAF 2507 (Sandvik Steel) | |

# Referentielijst materialen

| ISO | MC | CMC | Land<br>Europa | Duitsland | Groot-Brittannië | | Zweden | USA | Frankrijk | Italië | Spanje | Japan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Standaard | | | | | | | | | |
| | | | DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| K | **Smeedbaar gietijzer** | | | | | | | | | | | |
| | K1.1.C.NS | 07.1 | - | - | 8 290/6 | - | 0814 | - | MN 32-8 | - | - | FCMB310 |
| | K1.1.C.NS | 07.1 | EN-GJMB350-10 | 0.8135 | B 340/12 | - | 0815 | 32510 | MN 35-10 | - | - | FCMW330 |
| | K1.1.C.NS | 07.2 | EN-GJMB450-6 | 0.8145 | P 440/7 | - | 0852 | 40010 | Mn 450 | GMN 45 | - | FCMW370 |
| | K1.1.C.NS | 07.2 | EN-GJMB550-4 | 0.8155 | P 510/4 | - | 0854 | 50005 | MP 50-5 | GMN 55 | - | FCMP490 |
| | | | | | P 570/3 | | 0858 | 70003 | MP 60-3 | | | FCMP540 |
| | K1.1.C.NS | 07.2 | EN-GJMB650-2 | 0.8165 | P570/3 | - | 0856 | A220-70003 | Mn 650-3 | GMN 65 | - | FCMP590 |
| | K1.1.C.NS | 07.3 | EN-GJMB700-2 | 0.8170 | P690/2 | - | 0862 | A220-80002 | Mn700-2 | GMN 70 | - | FCMP690 |
| | **Grijs gietijzer** | | | | | | | | | | | |
| | K2.1.C.UT | 08.1 | - | - | - | - | 0100 | - | - | - | - | - |
| | K2.1.C.UT | 08.1 | EN-GJL-100 | 0.6010 | - | - | 0110 | No 20 B | Ft 10 D | - | - | FC100 |
| | K2.1.C.UT | 08.1 | EN-GJL-150 | 0.6015 | Grade 150 | - | 0115 | No 25 B | Ft 15 D | G 15 | FG 15 | FC150 |
| | K2.1.C.UT | 08.1 | EN-GJL-200 | 0.6020 | Grade 220 | - | 0120 | No 30 B | Ft 20 D | G 20 | - | FC200 |
| | K2.1.C.UT | 08.2 | EN-GJL-250 | 0.6025 | Grade 260 | - | 0125 | No 35 B | Ft 25 D | G 25 | FG 25 | FC250 |
| | K2.1.C.UT | 08.2 | EN-JLZ | 0.6040 | Grade 400 | - | 0140 | No 55 B | Ft 40 D | - | - | - |
| | K2.2.C.UT | 08.2 | EN-GJL-300 | 0.6030 | Grade 300 | - | 0130 | No 45 B | Ft 30 D | G 30 | FG 30 | FC300 |
| | K2.2.C.UT | 08.2 | EN-GJL-350 | 0.6035 | Grade 350 | - | 0135 | No 50 B | Ft 35 D | G 35 | FG 35 | FC350 |
| | K2.3.C.UT | 08.3 | GGL-NiCr20-2 | 0.6660 | L-NiCuCr202 | - | 0523 | A436 Type 2 | L-NC 202 | - | - | - |
| Gietijzer | **Nodulair gietijzer** | | | | | | | | | | | |
| | K3.1.C.UT | 09.1 | EN-GJS-400-15 | 0.7040 | SNG 420/12 | - | 0717-02 | 60-40-18 | FCS 400-12 | GS 370-17 | FGE 38-17 | FCD400 |
| | K3.1.C.UT | 09.1 | EN-GJS-400-18-LT | 0.7043 | SNG 370/17 | - | 0717-12 | - | FGS 370-17 | - | - | - |
| | K3.1.C.UT | 09.1 | EN-GJS-350-22-LT | 0.7033 | - | - | 0717-15 | - | - | - | - | - |
| | K3.1.C.UT | 09.1 | EN-GJS-800-7 | 0.7050 | SNG 500/7 | - | 0727 | 80-55-06 | FGS 500-7 | GS 500 | FGE 50-7 | FCD500 |
| | K3.2.C.UT | 09.2 | EN-GJS-600-3 | 0.7060 | SNG 600/3 | - | 0732-03 | - | FGS 600-3 | - | - | FCD600 |
| | K3.3.C.UT | 09.2 | EN-GJS-700-2 | 0.7070 | SNG 700/2 | - | 0737-01 | 100-70-03 | FGS 700-2 | GS 700-2 | FGS 70-2 | FCD700 |
| | K3.5.C.UT | - | EN-GJSA-XNiCr20-2 | 0.7660 | Grade S6 | - | 0776 | A43D2 | S-NC 202 | - | - | - |
| | **Gecompacteerd gietijzer** | | | | | | | | | | | |
| | K4.1.C.UT | - | EN-GJV-300 | | | | | | | | | |
| | K4.1.C.UT | - | EN-GJV-350 | | | | | | | | | |
| | K4.2.C.UT | - | EN-GJV-400 | | | | | | | | | |
| | K4.2.C.UT | - | EN-GJV-450 | | | | | | | | | |
| | K4.2.C.UT | - | EN-GJV-500 | | | | | | | | | |
| | **Isotherm gehard gietijzer** | | | | | | | | | | | |
| | K5.1.C.NS | - | EN-GJS-800-8 | - | - | - | - | ASTM A897 No. 1 | - | - | - | - |
| | K5.1.C.NS | - | EN-GJS-1000-5 | - | - | - | - | ASTM A897 No. 2 | - | - | - | - |
| | K5.2.C.NS | - | EN-GJS-1200-2 | - | - | | - | ASTM A897 No. 3 | - | - | - | - |
| | K5.2.C.NS | - | EN-GJS-1400-1 | - | - | - | - | ASTM A897 No. 4 | - | - | - | - |
| | K5.3.C.NS | - | - | - | - | - | - | ASTM A897 No. 5 | - | - | - | - |

# Referentielijst materialen

| ISO | MC | CMC | Land<br>Europa | Duitsland | Groot-Brittannië | | Zweden | USA | Frankrijk | Italië | Spanje | Japan |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Standaard<br>DIN EN | W.-nr. | BS | EN | SS | AISI/SAE/ASTM | AFNOR | UNI | UNE | JIS |
| N | **Legeringen op aluminiumbasis** | | | | | | | | | | | |
| Non-ferrometalen | N1.3.C.AG | 30.21 | G-AlSi9MGWA | 3.2373 | - | - | 4251 | SC64D | A-S7G | - | - | C4BS |
| | N1.3.C.UT | 30.21 | G-ALMG5 | - | LM5 | - | 4252 | GD-AlSi12 | A-SU12 | - | - | AC4A |
| | N1.3.C.UT/N1.3.C.AG | 30.21/30.22 | - | - | LM25 | - | 4244 | 356.1 | - | - | - | A5052 |
| | N1.3.C.UT | - | GD-AlSi12 | - | - | - | 4247 | A413.0 | - | - | - | A6061 |
| | N1.3.C.AG | - | GD-AlSi8Cu3 | - | LM24 | - | 4250 | A380.1 | - | - | - | A7075 |
| | N1.3.C.UT | - | G-AlSi12(Cu) | - | LM20 | - | 4260 | A413.1 | - | - | - | ADC12 |
| | N1.3.C.UT | - | G-AlSi12 | - | LM6 | - | 4261 | A413.2 | - | - | - | - |
| | N1.3.C.AG | - | G-AlSi10Mg(Cu) | - | LM9 | - | 4253 | A360.2 | - | - | - | - |
| S | **Nikkellegeringen** | | | | | | | | | | | |
| Hittebestendige superlegeringen | S2.0.Z.AG | 20.22 | S-NiCr13A16MoNb | LW2 4670 | mar-46 | - | - | 5391 | NC12AD | - | - | - |
| | S2.0.C.UT | 20.24 | NiCo15Cr10MoAlTi | LW2 4674 | - | - | - | AMS 5397 | - | - | - | - |
| | S2.0.Z.AG | 20.22 | NiFe35Cr14MoTi | LW2.4662 | - | - | - | 5660 | ZSNCDT42 | - | - | - |
| | S2.0.Z.AG | 20.22 | NiCr19Fe19NbMo | LW2.4668 | HR8 | - | - | 5383 | NC19eNB | - | - | - |
| | S2.0.Z.AG | 20.22 | NiCr20TiAk | 2.4631 | Hr401.601 | - | - | - | NC20TA | - | - | - |
| | S2.0.Z.AG | 20.22 | NiCr19Co11MoTi | 2.4973 | - | - | - | AMS 5399 | NC19KDT | - | - | - |
| | S2.0.Z.AG | 20.22 | NiCr19Fe19NbMo | LW2.4668 | - | - | - | AMS 5544 | NC20K14 | - | - | - |
| | S2.0.Z.AN | 20.21 | - | 2.4603 | - | - | - | 5390A | NC22FeD | - | - | - |
| | S2.0.Z.AN | 20.21 | NiCr22Mo9Nb | 2.4856 | - | - | - | 5666 | NC22FeDNB | - | - | - |
| | S2.0.Z.AN | 20.21 | NiCr20Ti | 2.4630 | HR5.203-4 | - | - | - | NC20T | - | - | - |
| | S2.0.Z.AG | 20.22 | NiCu30AL3Ti | 2.4375 | 3072-76 | - | - | 4676 | - | - | - | - |
| | **Op cobaltbasis** | | | | | | | | | | | |
| | - | - | CoCr20W15Ni | - | - | - | - | 5537C, AMS | KC20WN | - | - | - |
| | S3.0.Z.AG | 20.32 | CoCr22W14Ni | LW2.4964 | - | - | - | 5772 | KC22WN | - | - | - |
| | **Titaniumlegeringen** | | | | | | | | | | | |
| | S4.2.Z.AN | 23.22 | TiAl5Sn2.5 | 3.7115.1 | TA14/17 | - | - | UNS R54520<br>UNS R56400 | T-A5E | - | - | - |
| | S4.2.Z.AN | 23.22 | TiAl6V4 | 3.7165.1 | TA10-13/TA28 | - | - | UNS R56401 | T-A6V | - | - | - |
| | S4.3.Z.AN | 23.22 | TiAl5V5Mo5Cr3 | - | - | - | - | - | - | - | - | - |
| | S4.2.Z.AN | 23.22 | TiAl4Mo4Sn4Si0.5 | 3.7185 | - | - | - | - | - | - | - | - |
| | | | **Handelsnamen** | | | | | | | | | |
| | | | **Legeringen op ijzerbasis** | | | | | | | | | |
| | S2.0.Z.UT/S2.0.Z.AN | 20.11 | Incoloy 800 | | | | | | | | | |
| | | | **Nikkellegeringen** | | | | | | | | | |
| | S2.0.Z.AN | 20.2 | Haynes 600 | | | | | | | | | |
| | S2.0.Z.AN | 20.2 | Nimocast PD16 | | | | | | | | | |
| | S2.0.Z.AG | 20.2 | Nimonic PE 13 | | | | | | | | | |
| | S2.0.Z.AG | 20.2 | Rene 95 | | | | | | | | | |
| | S2.0.Z.AN | 20.21 | Hastelloy C | | | | | | | | | |
| | S2.0.Z.AN | 20.21 | Incoloy 825 | | | | | | | | | |
| | S2.0.Z.AN | 20.21 | Inconel 600 | | | | | | | | | |
| | S2.0.Z.AN | 20.21 | Monel 400 | | | | | | | | | |
| | S2.0.Z.AG | 20.22 | Inconel 700 | | | | | | | | | |
| | S2.0.Z.AG | S2.0.Z.AG | Inconel 718 | | | | | | | | | |
| | S2.0.Z.AG | 20.22 | Mar – M 432 | | | | | | | | | |
| | S2.0.Z.AG | 20.22 | Nimonic 901 | | | | | | | | | |
| | S2.0.Z.AG | 20.22 | Waspaloy | | | | | | | | | |
| | S2.0.C.NS | 20.24 | Jessop G 64 | | | | | | | | | |
| | | | **Op cobaltbasis** | | | | | | | | | |
| | S3.0.Z.AG | 20.3 | Air Resist 213 | | | | | | | | | |
| | S3.0.Z.AG | 20.3 | Jetalloy 209 | | | | | | | | | |
| H | **Geharde materialen** | | | | | | | | | | | |
| Geharde materialen | H1.2.Z.HA | 04.1 | X100CrMo13 | 1.4108 | - | - | 2258 08 | 440A | - | - | - | C4BS |
| | H1.3.Z.HA | 04.1 | X110CrMoV15 | 1.4111 | - | - | 2534 05 | 610 | - | - | - | AC4A |
| | H1.2.Z.HA | 04.1 | X65CrMo14 | - | - | - | 2541 06 | 0-2 | - | - | - | AC4A |

**ISO 13399 is een internationale standaard bedoeld om de uitwisseling van data voor snijgereedschappen te vereenvoudigen. U zult wat kleine verschillen merken, door de nieuwe parameters en de omschrijvingen van elk gereedschap.**

Voor het eerst is er een gestandaardiseerde manier voor het omschrijven van productgegevens met betrekking tot snijgereedschappen. Wanneer alle gereedschappen in deze sector dezelfde parameters en definities delen, dan wordt het communiceren van gereedschapinformatie tussen verschillende softwaresystemen heel eenvoudig.

### Wat betekent dit voor u?

In feite betekent dit dat uw systemen met de onze kunnen communiceren, omdat deze dezelfde taal spreken. Download productdata van onze website en gebruik deze direct in uw CAD/ CAM software voor het samenstellen van gereedschappen die u gebruikt in uw productie. Het is niet langer nodig om informatie op te zoeken in catalogi en data van het ene systeem te interpreteren in het andere. Stelt u zich eens voor hoeveel tijd u dit kan besparen!

| Korte naam | Naam |
|---|---|
| ADJLN | Instellimiet minimum |
| ADJLX | instellimiet maximum |
| ADJRG | Instel bereik |
| ALP | Vrijloophoek axiaal |
| AN | Vrijloophoek hoofd |
| ANN | Vrijloop hoek kleine |
| APMX | Maximale snedediepte |
| APMX_EFW | Maximale snedediepte - eindvoeding |
| APMX_FFW | Maximale snedediepte - zijvoeding |
| AZ | Maximum plunge diepte |
| B | Schachtbreedte |
| BAWS | Body hoek aan werkstuk kant |
| BAMS | Body hoek machinezijde |
| BBD | Op balans ontworpen |
| BBR | Gebalanceerd door toerental test |
| BCH | Hoek aanschuinlengte |
| BD | Body-diameter |
| BHTA | Body half conushoek |
| BN | Vlak geleiderand breedte |
| BS | Wiper snijkantlengte |
| BSG | Norm |
| BSR | Wiper snijkantradius |
| CDX | Maximale snijdiepte |
| CEMR | Belangrijkste snijkantsradius |
| CF | Spot aanschuinen |
| CHBA | Aanschuinbodyhoek |
| CHBL | Aanschuining bodylengte |
| CHW | hoek fasebreedte |
| CICT | Snij-item telling |
| $CICT_{BALL}$ | Snij-item telling - radiusfreeswisselplaat |
| $CICT_{E}$ | Snij-item telling - eindpositie |
| $CICT_{P}$ | Snij-item telling - omtrekpositie |
| $CICT_{S}$ | Snij-item telling - zijpositie |
| $CICT_{SP}$ | Snij-item telling - schachtbeschermingswisselplaat |
| $CICT_{T}$ | Snij-item telling - totaal |
| CND | Diameter koelmiddelinvoer |
| CNSC | Koelmiddelinvoer code |
| CNT | koelmiddelinvoer schroefdraadmaat |
| COATING | Coating |
| CP | Max. koelmiddeldruk |
| CRKS | Draadmaat aantrekbout |
| CRNT | Schroefdraadmaat radiale koelmiddelinvoer |
| CTPT | Type bewerking |
| CUTDIA | maximale werkstuk afsteekdiameter |
| CW | Snijbreedte |
| CWN | Snijbreedte minimum |
| CWTOLL | Snijbreedte ondergrens |
| CWTOLU | Snijbreedte bovengrens |
| CWX | Maximale snijbreedte |
| CXSC | Koelmiddel uitgang type |
| CZC | Code aansluitgrootte |
| $CZC_{MS}$ | Aansluitgrootte machinezijde |
| $CZC_{WS}$ | Aansluitgrootte werkstukzijde |
| D1 | Diameter bevestigingsgat |
| DAH | Diameter toegangsgat |
| DAXIN | Minimale axiale groef binnendiameter |
| DAXN | Minimale axiale groef buitendiameter |
| DAXX | Maximale axiale groef buitendiameter |

| | |
|---|---|
| DBC | diameter bout cirkel |
| DC | Freesdiameter |
| DCB | Verbindings asgatdiameter |
| DCBN | Minimale asgatdiameter |
| DCBX | maximale asgatdiameter |
| DCF | Snijdiameter vlakcontact |
| DCIN | Snijdiameter intern |
| DCN | minimale freesdiameter |
| DCON | Aansluitdiameter |
| $DCON_{MS}$ | Diameter aansluiting machinekant |
| $DCON_{WS}$ | Diameter aansluiting met werkstuk |
| $DCONN_{WS}$ | aansluitdiameter minimum werkstukzijde |
| $DCONX_{WS}$ | aansluitdiameter maximum werkstukzijde |
| DCPS | Grootte Data chip voorziening |
| $DCSF_{MS}$ | Contactoppervlak diameter machinezijde |
| $DCSF_{WS}$ | Contactoppervlak diameter werkstukzijde |
| DCX | Maximale snijdiameter |
| DHUB | Borstdiameter |
| DIX | maximale gereedschaps diameter m.b.t. gereedschapswisselaar |
| DMIN | Minimale gatdiameter |
| DMM | Schacht diameter |
| DN | Nekdiameter |
| DRVCT | Meenemer telling |
| DSGN | Type |
| EPSR | Wisselplaat incl. hoek |
| FHA | Spiraalhoek |
| FLGT | flensdikte |
| FTDZ | Voor draaddiameter grootte |
| GB | Face geleiderand hoek |
| H | Schachthoogte |
| HA | Theoretische draadhoogte |
| HB | Schroefdraadhoogte verschil |
| HBH | Head bottom offset height |
| HC | Schroefdraad hoogte daadwerkelijk |
| HF | Functionele hoogte |
| HRY | Laagste punt van referentievlak |
| HTB | Bodyhoogte |
| HTH | Hoogte |
| IC | Ingeschreven cirkel |
| INSL | wisselplaat lengte |
| INSUC | Wisselplaatgebruikscode |
| IZC | Wisselplaat grootte code |
| KAPR | Gereedschap snijkanthoek |
| KAPR_EFW | Gereedschap snijkanthoek - eindvoeding |
| KCH | Hoekaanschuining |
| KRINS | Hoofdsnijkanthoek |
| KWW | Spiebaanbreedte |
| L | Snijkantlengte |
| LAMS | Hellingshoek |
| LB | Body lengte |
| LCF | Lengte spaangroef |
| LCOX | Maximale inkort lengte |
| LE | Effectieve snijkantlengte |
| LF | Functionele lengte |
| LFN | Functionele lengte minimum |
| LH | Koplengte |
| LPR | Uitsteeklengte |
| LS | Schacht lengte |
| LSC | Opspan lengte |
| LSCN | minimale opspan lengte |
| LSCS | Afstand tot begin opspannen |
| LSCX | Maximale opspan lengte |
| LSD | Dode schachtlengte |
| LU | Bruikbare lengte (max. aanbevolen) |
| LU_BFW | Bruikbare lengte - trekkend vlakken |
| LUX | Maximaal bruikbare lengte |
| MHD | Montagegat-afstand |
| MIID | Hoofd wisselplaat identificatie |
| $MIID_E$ | Hoofd wisselplaat identificatie - eindpositie |
| $MIID_S$ | Hoofd wisselplaat identificatie - zijpositie |
| $MIID_C$ | Hoofd wisselplaat identificatie - centrale positie |
| $MIID_P$ | Hoofd wisselplaat identificatie - omtrekpositie |
| $MIID_I$ | Hoofd wisselplaat identificatie - tussenpositie |
| MMCC | Code voor vooraf ingesteld draaimoment |
| MMCX | Max. snijkoppel |
| NOF | Aantal spaangroeven |
| NT | Tanden telling |
| OAH | Totale hoogte |
| OAL | Totale lengte |
| OAW | Totale breedte |
| OH | Aanbevolen uitsteeklengte |
| OHN | Minimale uitsteeklengte |
| OHX | Maximale uitsteeklengte |
| ORDCODE | Codenummer |



SANDVIK Coromant

| | |
|---|---|
| PCL | Perifere cilindrische lengte |
| PDX | Profielafstand ex |
| PDY | Profielafstand ey |
| PHD | Voorbewerkte gatdiameter |
| PHDX | Maximale voorbewerkte gatdiameter |
| PL | Punt lengte |
| PNA | Profiel inclusief hoek |
| PRFRAD | Profiel radius |
| PRSPC | Profielspecificatie |
| PSIR | gereedschap instelhoek |
| PSIRL | hoofd snijkanthoek links |
| PSIRR | hoofd snijkanthoek rechts |
| PSW | Voorbewerkte sleufbreedte |
| RADH | Radiale body lengte |
| RADW | Radiale body breedte |
| RAR | Rechter vrijsteekhoek |
| RE | Neusradius |
| REEQ | Hoekradius equivalent |
| REL | Neusradius links |
| RER | Neusradius rechts |
| RETOLL | Hoekradius ondergrens |
| RETOLU | Hoekradius bovengrens |
| RGL | herslijp lengte |
| RMPX | maximum infreeshoek |
| RPMX | Maximale toerental |
| S | Wisselplaat dikte |
| SDL | Stap diameter lengte |
| SIG | Punt hoek |
| SPTL | Deellijn |
| SSC | Wisselplaatzitting code |
| $SSC_E$ | Wisselplaatzitting code - eindpositie |
| $SSC_P$ | Wisselplaatzitting code - omtrekpositie |
| $SSC_S$ | Wisselplaatzitting code - zijpositie |
| STA | Stap ingesloten hoek |
| STDNO | Standaardnummer |
| SUBSTRATE | Hardmetaalsoort |
| TCDC | tolerantieklasse snijdiameter |
| TCDCON | Aansluitdiameter tolerantie |
| TCDMM | schacht diametertolerantie |
| TCHA | Realiseerbare gattolerantie |
| TCHAL | Realiseerbare gattolerantie onderlimiet |
| TCHAU | Realiseerbaar gattolerantie bovenlimiet |
| TCT | Gereedschap tolerantie klasse |
| TCTR | Schroefdraad tolerantie klasse |
| TD | Schroefdraad diameter |
| TDZ | Schroefdraad diameter grootte |
| TFLA | Tap floating lengte voor |
| TFLB | Tap floating lengte achter |
| TG | Conus helling |
| THBTP | Schroefdraad back conuseigenschap |
| THCA | Schroefdraadspiraal correctiehoek |
| THCHT | Draadsnij aanschuinhoek type |
| THFT | Schroefdraad vormtype |
| THFTS | Schroefdraad vorm standaard series |
| THL | Schroefdraadlengte |
| THUB | borst dikte |
| TP | Schroefdraad spoed |
| TPI | gangen per inch |
| TPIN | minimaal aantal gangen per inch |
| TPIX | maximaal aantal gangen per inch |
| TPN | minimale schroefdraad spoed |
| TPT | Schroefdraadprofieltype |
| TPX | maximale schroefdraadspoed |
| TRMAX | Max. tapbereik |
| TQ | Koppel |
| TSYC | Tap type aanduiding |
| TTP | Type draad |
| ULDR | Bruikbare lengte diameter verhouding |
| VCX | Maximale snijsnelheid |
| W1 | Wisselplaatbreedte |
| WB | bodybreedte |
| WF | Functionele breedte |
| WFCIRP | Breedte tot het snijkant- referentiepunt |
| WSC | opspanbreedte |
| WT | Gewicht van item |
| ZADJ | wisselplaat instelbaar telling |
| ZEFF | Aantal tanden |
| ZEFP | Perifere effectieve snijkanten telling (ZEFP) |
| ZWX | Maximum aantal wiper wisselplaten |

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