

➤ HTS wisselplaat diepgat boorsysteem

Primaire toepassing

HTS wisselplaatboren zijn ontworpen voor diepgat boren tot 10 x D in staal, roestvast staal, smeedbaar gietijzer, gietijzer en nonferro. De twee HTS systemen - HTS en HTS-R - overlappen een diameterbereik van 40-270mm (1.575-10.629")

Eigenschappen en voordelen



HTS wisselplaat boorsysteem

- Groot diameter bereik van 45–270mm (1.750–10.629") met standaard boorkoppen.
- Drill Fix™ DFT™ tragoon wisselplaten als binnen en buitenwisselplaten bieden de beste centreer capaciteiten; vierkante wisselplaat cassettes bieden hogere oppervlakte en gatkwaliteit.
- Verschillende geometrieën en hardmetaalsoorten standaard leverbaar.
- Stel de boordiepte en diameter af met geschikte verleng- en verloopstukken.
- Diameter afstelling door inkorten van de buitencassette.
- Maatwerk boorkoppen tot 540mm (21.259").



HTS-R wisselplaat boorsysteem

- Modulair systeem boorkoppen uitgerust met DFR™ wisselplaat cassettes.
- Vijf boorkoppen bestrijken het diameter bereik 40–55mm (1.575–2.165").
- Drill Fix™ DFR rechthoekige binnen en buitenwisselplaten bieden de hoogste voedingen bij kleine diameters.
- Verschillende wisselplaat geometrieën en hardmetaalsoorten standaard leverbaar.
- Stel de diameter en diepte af met gebruik van verleng- en verloopstukken.
- Diameter afstelling door het inkorten van de buitencassette.

➤ HTS wisselplaat boorsysteem

Het HTS wisselplaat boorsysteem is een van de meest betrouwbare diepgat boorsystemen. Boren tot 10xD kan eenvoudig worden bereikt in materialen zoals staal, roestvast staal, smeedbaar gietijzer en nonferro. Verschillende koppen bestrijken een diameter bereik 45–270mm (1.77–10.63").

HTS boorkoppen zijn uitgerust met centerboren en cassettes met trigoon Drill Fix™ DFT™ wisselplaten. Gebruik HTS verleng- en verloopstukken voor de verschillende diameters en boordieptes.

Voor verbeterde oppervlakte kwaliteit en verhoogde betrouwbaarheid zijn HTS finish cassettes met een vierkante buitenwisselplaat standaard leverbaar.

Eigenschappen en voordelen

Productiviteit

- Bereik hoge boring toleranties met gebruik van centerboren en trigoon wisselplaten.
- Profiteer van de verbeterde oppervlakte kwaliteit met finish cassettes met vierkante buitenwisselplaten.
- Stel de buiten cassette af voor de gewenste boring diameter.
- In iedere cassette wordt dezelfde wisselplaat gebruikt wat de voorraadkosten verlaagt.

Veelzijdigheid

- Diameter bereik 45–270mm (1.77–10.63").
- L/D verhouding tot 10 x D standaard.
- Wisselplaten en centerboren kunnen worden gebruikt met verschillende koppen en cassettes, voor verschillende diameters.
- Grote variatie DFT hardmetaalsoorten en geometrieën leverbaar.
- Finish cassette met vierkante buitenwisselplaat met vier snijkanten voor de hoogste proces stabiliteit.
- Hardmetaal centerboren zijn op aanvraag leverbaar.

Gebruik HTS verleng- en verloopstukken voor de verschillende diameters en boordieptes.

Maatwerk

- Slijtagepads kunnen worden toegevoegd voor hogere stabiliteit.
- Volledig ontworpen maatwerk is leverbaar.
- Maatwerk tot een diameter bereik van 540mm (21.259") is mogelijk.



➤ HTS-R wisselplaat boorsysteem

HTS-R breidt het HTS systeem uit met diameters tussen 40–55mm (1.575–2.165").

Tot 30% hogere voedingen zijn haalbaar met rechthoekige Drill Fix™ DFR™ wisselplaten met verbeterde spaanbeheersing.

Eigenschappen en voordelen

Productiviteit

- Profiteer van de betere spaanbeheersing en hogere stabiliteit van de wisselplaat voor een langere levensduur van de houder.
- In ieder cassette wordt dezelfde wisselplaat afmeting gebruikt.

Veelzijdigheid

- Diameter bereik 40–55mm (1.575–2.165") met vijf boorkoppen.
- Veel DFR hardmetaalsoorten en geometrieën leverbaar.
- Buitencassettes kunnen worden afgesteld op de gewenste boring diameter.
- Verleng- en verloopstukken zijn standaard leverbaar.
- Volhardmetaal en HSS centerboren zijn leverbaar, passend bij de bewerkings conditie van specifieke toepassingen.

Profiteer van beter spaanbeheersing en hogere wisselplaat stabiliteit voor een langere levensduur van de houder.



De centerboor moet op de juiste lengte worden afgesteld vóór plaatsing van de binnencassette.



Plaats de binnencassette, dan de buitencassette.

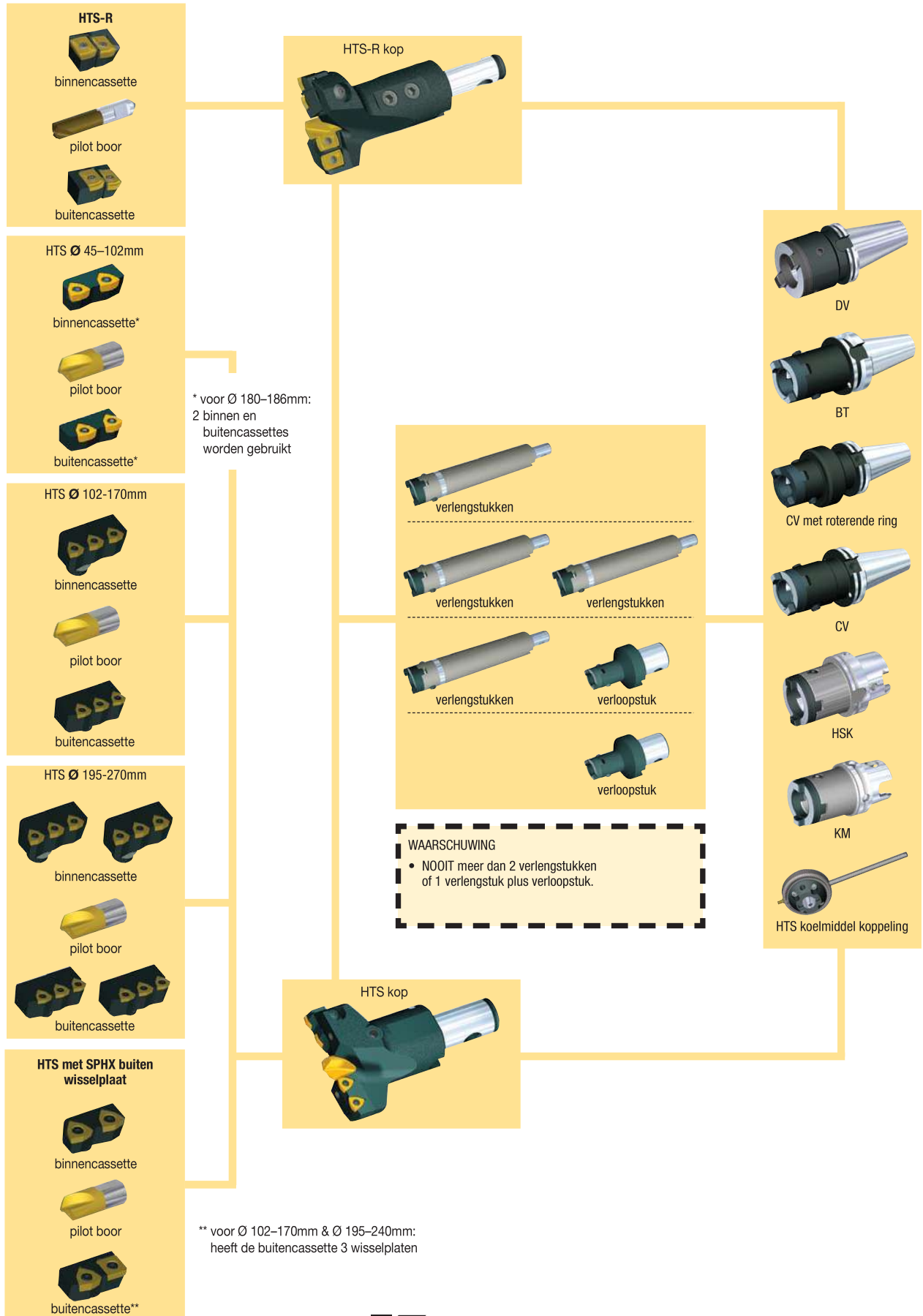


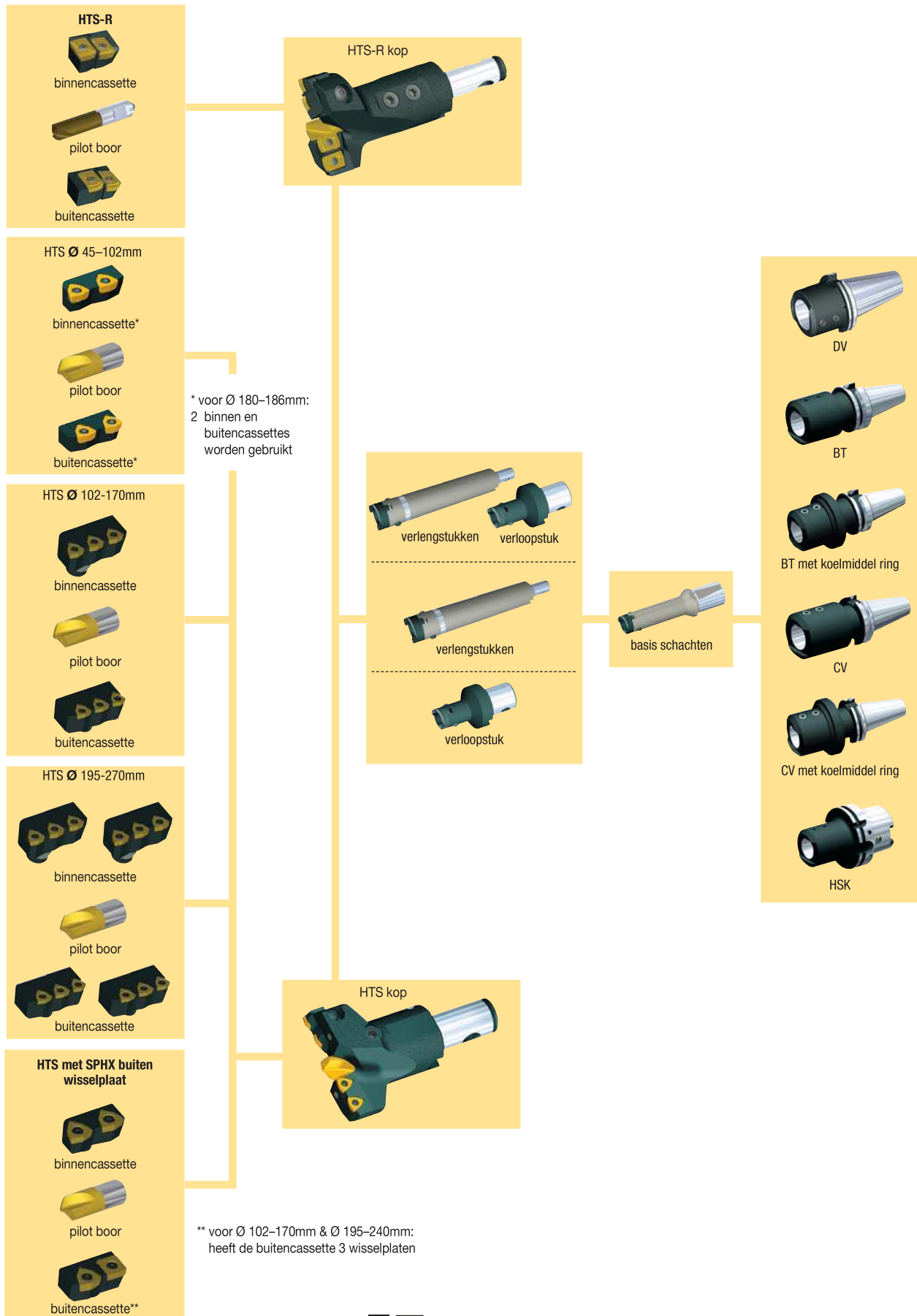
Plaats de binnenwisselplaat in de cassette.

Maatwerk

- Voor hoger stabiliteit kunnen geleidepads worden toegevoegd.
- Volledig ontworpen maatwerk is leverbaar.








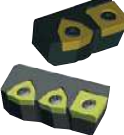

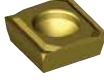



Kies voor het samenstellen van uw HTS(-R) kop, het gewenste diameter bereik van de linker kolom.
Volg dan de kolom naar rechts en selecteer de juiste component van elke kolom voor het completeren van uw HTS(-R) kop.

| Boor bereik | | HTS kop | L1 | | HTS(-R) kop met DFR™/DFT™ wisselplaten | | | | | | | | | |
|---------------------------------|-------|-----------|--------------|----|--|----------|-------------|----------|----------|----------------|-------------|-----------|------------|----------|
| | | | | | Binnencassette | | | | | Buitencassette | | | | |
| | | | | | Cassette | n | Wisselplaat | n | Cassette | n | Wisselplaat | n | Pilot boor | |
| mm | in | | mm | in | | | | | | | | | | |
| HTS koppen met DFR wisselplaten | 40-43 | 1,57-1,69 | HTSR040R025M | 60 | 2,36 | HTSR10CI | 1 | DFR0302. | 2 | HTSR10CE | 1 | DFR0302. | 2 | B513S08. |
| | 43-46 | 1,69-1,81 | HTSR043R025M | 70 | 2,76 | HTSR11CI | 1 | DFR0302. | 2 | HTSR11CE | 1 | DFR0302. | 2 | B513S10. |
| | 46-49 | 1,81-1,93 | HTSR046R028M | | | HTSR12CI | 1 | DFR0403. | 2 | HTSR12CE | 1 | DFR0403. | 2 | B513S10. |
| | 49-52 | 1,93-2,05 | HTSR049R028M | | | HTSR13CI | 1 | DFR0403. | 2 | HTSR13CE | 1 | DFR0403.. | 2 | B513S10. |
| | 52-55 | 2,05-2,17 | HTSR052R028M | | | HTSR14CI | 1 | DFR0403. | 2 | HTSR14CE | 1 | DFR0403.. | 2 | B513S10. |

| | | | | | | | | | | | | | | |
|--------------------------------------|-------------|-------------|----------------------|--------------|----------|--------------|--------------|--------------|----------|--------------|----------|----------|---|----------|
| HTS koppen met DFT/SPHX wisselplaten | 45-50 | 1,77-1,97 | 3.76045R028V | 50 | 1,97 | 3.77000R050V | 1 | DFT0303. | 2 | 3.77000R051V | 1 | DFT0303. | 2 | B510S08. |
| | 50-55 | 1,97-2,17 | 3.76050R028V | | | 3.77000R052V | 1 | DFT0303. | 2 | 3.77000R053V | 1 | DFT0303. | 2 | B510S08. |
| | 55-58 | 2,17-2,28 | 3.76055R032V | 60 | 2,36 | 3.77000R038V | 1 | DFT05T3. | 2 | 3.77000R039V | 1 | DFT05T3. | 2 | B510S08. |
| | 58-63 | 2,28-2,48 | 3.76058R032V | | | 3.77000R023V | 1 | DFT05T3. | 2 | 3.77000R024V | 1 | DFT05T3. | 2 | B510S10. |
| | 63-68 | 2,48-2,68 | 3.76063R032V | 70 | 2,76 | 3.77000R025V | 1 | DFT05T3. | 2 | 3.77000R024V | 1 | DFT05T3. | 2 | B510S10. |
| | 63-68 | 2,48-2,68 | 3.76063R040V* | | | 3.77000R025V | 1 | DFT05T3. | 2 | 3.77000R024V | 1 | DFT05T3. | 2 | B510S10. |
| | 68-73 | 2,68-2,87 | 3.76068R040V | | | 3.77000R026V | 1 | DFT05T3. | 2 | 3.77000R027V | 1 | DFT05T3. | 2 | B510S10. |
| | 73-78 | 2,87-3,07 | 3.76073R040V | | | 3.77000R026V | 1 | DFT05T3. | 2 | 3.77000R027V | 1 | DFT05T3. | 2 | B510S15. |
| | 78-84 | 3,07-3,31 | 3.76078R040V | | | 3.77000R028V | 1 | DFT06T3. | 2 | 3.77000R029V | 1 | DFT06T3. | 2 | B510S15. |
| | 78-84 | 3,07-3,31 | 3.76078R048V* | 70 | 2,76 | 3.77000R028V | 1 | DFT06T3. | 2 | 3.77000R029V | 1 | DFT06T3. | 2 | B510S15. |
| | 84-90 | 3,31-3,54 | 3.76084R048V | | | 3.77000R028V | 1 | DFT06T3. | 2 | 3.77000R029V | 1 | DFT06T3. | 2 | B510S15. |
| | 90-94° | 3,54-3,70 | 3.76090R048V | | | - | - | - | - | - | - | - | - | - |
| | 90-96 | 3,54-3,78 | 3.76090R048V | | | 3.77000R030V | 1 | DFT06T3. | 2 | 3.77000R031V | 1 | DFT06T3. | 2 | B510S15. |
| | 96-100° | 3,78-3,93 | 3.76096R048V | | | - | - | - | - | - | - | - | - | - |
| | 96-102 | 3,78-4,02 | 3.76096R048V | | | 3.77000R030V | 1 | DFT06T3. | 2 | 3.77000R031V | 1 | DFT06T3. | 2 | B510S20. |
| | 96-100° | 3,78-3,93 | 3.76096R058V* | | | - | - | - | - | - | - | - | - | - |
| | 96-102 | 3,78-4,02 | 3.76096R058V* | | | 3.77000R030V | 1 | DFT06T3. | 2 | 3.77000R031V | 1 | DFT06T3. | 2 | B510S20. |
| | 102-108 | 4,02-4,25 | 3.76102R058V | | | 3.77000R081V | 1 | DFT05T3. | 3 | 3.77000R082V | 1 | DFT05T3. | 3 | B510S20. |
| | 108-115 | 4,25-4,53 | 3.76108R058V | | | 3.77000R083V | 1 | DFT06T3. | 3 | 3.77000R084V | 1 | DFT06T3. | 3 | B510S20. |
| | 115-122 | 4,53-4,80 | 3.76115R070V | 3.77000R085V | 1 | DFT06T3. | 3 | 3.77000R086V | 1 | DFT06T3. | 3 | B510S25. | | |
| | 122-130 | 4,80-5,12 | 3.76122R070V | 3.77000R079V | 1 | DFT06T3. | 3 | 3.77000R080V | 1 | DFT06T3. | 3 | B510S25. | | |
| | 130-140 | 5,12-5,51 | 3.76130R070V | 3.77000R087V | 1 | DFT06T3. | 3 | 3.77000R088V | 1 | DFT06T3. | 3 | B510S25. | | |
| | 140-150 | 5,51-5,91 | 3.76140R080V | 3.77000R077V | 1 | DFT0704. | 3 | 3.77000R078V | 1 | DFT0704. | 3 | B510S25. | | |
| | 150-158 | 5,91-6,22 | 3.76150R080V | 3.77000R075V | 1 | DFT0704. | 3 | 3.77000R076V | 1 | DFT0704. | 3 | B510S25. | | |
| | 158-162 | 6,22-6,38 | 3.76158R080V | 3.77000R073V | 1 | DFT0704. | 3 | 3.77000R074V | 1 | DFT0704. | 3 | B510S25. | | |
| | 162-170 | 6,38-6,70 | 3.76162R080V | 3.77000R048V | 1 | DFT0704. | 3 | 3.77000R049V | 1 | DFT0704. | 3 | B510S30. | | |
| | 180-184° | 7,08-7,24 | 3.76180R110 | - | - | - | - | - | - | - | - | - | | |
| | 180-186 | 7,08-7,32 | 3.76180R110 | 3.77000R030V | 3 | DFT06T3. | 4 | 3.77000R031V | 1 | DFT06T3. | 4 | B510S30. | | |
| | 195-201 | 7,68-7,91 | 3.76195R110 | 3.77000R081V | 3 | DFT05T3. | 6 | 3.77000R082V | 1 | DFT05T3. | 6 | B510S30. | | |
| | 213-220 | 8,39-8,66 | 3.76213R125 | 3.77000R083V | 3 | DFT06T3. | 6 | 3.77000R084V | 1 | DFT06T3. | 6 | B510S30. | | |
| 230-240 | 9,06-9,45 | 3.76230R160 | 3.77000R079V | 2 | DFT06T3. | 6 | 3.77000R080V | 2 | DFT06T3. | 6 | B510S30. | | | |
| 260-270 | 10,24-10,63 | 3.76260R160 | 3.77000R077V | 2 | DFT06T3. | 6 | 3.77000R078V | 2 | DFT06T3. | 6 | B510S30. | | | |

° Kleiner diameter bereik bij gebruik van SPHX wisselplaat in buitencassette.
* Boorkoppen met versterkte houder voor kortspanig materiaal.
n = Vereiste aantal.

| HTS kop met DFT™ wisselplaten en SPHX buitenwisselplaat | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|--|---|---|---|---|
| Binnencassette | | | | | | Buitencassette | | | | | | |
|  | |  | |  | |  | |  | |  | |  |
| Cassette | n | Cassette | n | Wisselplaat | n | Cassette | n | Wisselplaat | n | Wisselplaat | n | Pilot boor |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | |
|--------------|---|--------------|---|----------|---|--------------|---|----------|---|-----------|---|----------|
| 3.77000R250V | 1 | - | - | DFT0303. | 2 | 3.77000R251V | 1 | DFT0303. | 1 | SPHX0703. | 1 | B510S08. |
| 3.77000R252V | 1 | - | - | DFT0303. | 2 | 3.77000R253V | 1 | DFT0303. | 1 | SPHX0703. | 1 | B510S08. |
| 3.77000R038V | 1 | - | - | DFT05T3. | 2 | 3.77000R239V | 1 | DFT05T3. | 1 | SPHX0903. | 1 | B510S08. |
| 3.77000R023V | 1 | - | - | DFT05T3. | 2 | 3.77000R224V | 1 | DFT05T3. | 1 | SPHX0903. | 1 | B510S10. |
| 3.77000R025V | 1 | - | - | DFT05T3. | 2 | 3.77000R224V | 1 | DFT05T3. | 1 | SPHX0903. | 1 | B510S10. |
| 3.77000R025V | 1 | - | - | DFT05T3. | 2 | 3.77000R224V | 1 | DFT05T3. | 1 | SPHX0903. | 1 | B510S10. |
| 3.77000R026V | 1 | - | - | DFT05T3. | 2 | 3.77000R227V | 1 | DFT05T3. | 1 | SPHX0903. | 1 | B510S10. |
| 3.77000R026V | 1 | - | - | DFT05T3. | 2 | 3.77000R227V | 1 | DFT05T3. | 1 | SPHX0903. | 1 | B510S15. |
| 3.77000R028V | 1 | - | - | DFT06T3. | 2 | 3.77000R229V | 1 | DFT06T3. | 1 | SPHX0903. | 1 | B510S15. |
| 3.77000R028V | 1 | - | - | DFT06T3. | 2 | 3.77000R229V | 1 | DFT06T3. | 1 | SPHX0903. | 1 | B510S15. |
| 3.77000R228V | 1 | - | - | DFT06T3. | 2 | 3.77000R229V | 1 | DFT06T3. | 1 | SPHX0903. | 1 | B510S15. |
| 3.77000R230V | 1 | - | - | DFT06T3. | 2 | 3.77000R231V | 1 | DFT06T3. | 1 | SPHX0903. | 1 | B510S15. |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.77000R230V | 1 | - | - | DFT06T3. | 2 | 3.77000R231V | 1 | DFT06T3. | 1 | SPHX0903. | 1 | B510S20. |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.77000R230V | 1 | - | - | DFT06T3. | 2 | 3.77000R231V | 1 | DFT06T3. | 1 | SPHX0903. | 1 | B510S20. |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.77000R081V | 1 | - | - | DFT05T3. | 3 | 3.77000R282V | 1 | DFT05T3. | 2 | SPHX0903. | 1 | B510S20. |
| 3.77000R083V | 1 | - | - | DFT06T3. | 3 | 3.77000R284V | 1 | DFT06T3. | 2 | SPHX1204. | 1 | B510S20. |
| 3.77000R085V | 1 | - | - | DFT06T3. | 3 | 3.77000R286V | 1 | DFT06T3. | 2 | SPHX1204. | 1 | B510S25. |
| 3.77000R079V | 1 | - | - | DFT06T3. | 3 | 3.77000R280V | 1 | DFT06T3. | 2 | SPHX1204. | 1 | B510S25. |
| 3.77000R087V | 1 | - | - | DFT06T3. | 3 | 3.77000R288V | 1 | DFT06T3. | 2 | SPHX1204. | 1 | B510S25. |
| 3.77000R077V | 1 | - | - | DFT0704. | 3 | 3.77000R278V | 1 | DFT0704. | 2 | SPHX1505. | 1 | B510S25. |
| 3.77000R075V | 1 | - | - | DFT0704. | 3 | 3.77000R276V | 1 | DFT0704. | 2 | SPHX1204. | 1 | B510S25. |
| 3.77000R073V | 1 | - | - | DFT0704. | 3 | 3.77000R274V | 1 | DFT0704. | 2 | SPHX1204. | 1 | B510S25. |
| 3.77000R248V | 1 | - | - | DFT0704. | 3 | 3.77000R249V | 1 | DFT0704. | 2 | SPHX1505. | 1 | B510S30. |
| 3.77000R230V | 3 | - | - | DFT06T3. | 4 | 3.77000R231V | 1 | DFT06T3. | 3 | SPHX0903. | 1 | B510S30. |
| - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.77000R081V | 3 | - | - | DFT05T3. | 9 | 3.77000R282V | 1 | DFT05T3. | 2 | SPHX0903. | 1 | B510S30. |
| 3.77000R083V | 3 | - | - | DFT06T3. | 9 | 3.77000R284V | 1 | DFT06T3. | 2 | SPHX1204. | 1 | B510S30. |
| 3.77000R079V | 2 | 3.77000R080V | 1 | DFT06T3. | 9 | 3.77000R280V | 1 | DFT06T3. | 2 | SPHX1204. | 1 | B510S30. |
| - | - | - | - | - | - | - | - | - | - | - | - | B510S30 |

HTS gereedschap samenstelling combinaties

- Kies uw passende diameter bereik.
- Kies de passende opname en schacht afmeting.
- Volg de kolommen naar rechts en kies de passende onderdelen uit iedere kolom om uw HTS(-R) gereedschap te completeren.












| Boor bereik | | Opname | DV | | BT | | CV | | HSK | | | | | | | | | | | |
|---|--|-----------------------------------|-----------------------|-----------------------------------|-----------------------------------|-----------------------------------|--|-----------------------------------|---|--|------------------------|-----------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--|---|-------------------------------------|--|
| | | | Samenstelling details | | Samenstelling details | | Samenstelling details | | Samenstelling details | | | | | | | | | | | |
| mm | in | D1 | 40 | 50 | 40 | 50 | 40 | 50 | 50/63/100 | | | | | | | | | | | |
| HTS koppen met DFR™ wisselplaten | | | | | | | | | | 40-43 43-46 | 1,57-1,69 1,69-1,81 | WD/ WN | 32 | DV40BWD32075M DV40RMWD32115M** | DV50BWD32060M DV50RMWD32140M** | BT40BWD32070M | BT50BWD32080M | CV40BWD32M343 CV40RMWD32M453** | CV50BWD32M343 CV50RMWD32M453** | HSK50ASWN32110M HSK63ASWN32090M HSK100ASWN32100M |
| | | | | | | | | | | | | | 50 | - | DV50BWD50075M DV50RMWD50144M** | - | BT50BWD50085M BT50RMWD50162M** | - | CV50BWD50M343 CV50RMWD50M472** | - |
| | | | | | | | | | | SS(F) | 1,50 | - | - | - | - | - | CV40BSSF150575 | CV50SS150400 (AD) CV50SS150600 (AD) CV50SS150800 (AD) CV50BSSF150450 | - | - |
| | | | | | | | | | | | | 46-49 49-52 52-55 | 1,81-1,93 1,93-2,05 2,05-2,17 | WD/ WN | 32 | DV40BWD32075M DV40RMWD32115M** | DV50BWD32060M DV50RMWD32140M** | - | BT50BWD32080M | CV40BWD32M343 CV40RMWD32M453** |
| | | | | | | | | | | 50 | - | DV50BWD50075M DV50RMWD50144M** | - | | BT50BWD50085M BT50RMWD50162M** | - | CV50BWD50M343 CV50RMWD50M472** | - | - | |
| | | | | | | | | | | SS(F) | 2,00 | - | - | - | - | - | CV50SS200562 (AD) CV50SS200762 (AD) CV50BSSF200550 | - | - | |
| | | | | | | | | | | | | HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | - |
| | | | | | | | | | | HTS koppen met DFT™/SPHX wisselplaten | | | | | | | | | | 45-50 50-55 |
| 50 | - | DV50BWD50075M DV50RMWD50144M** | - | BT50BWD50085M BT50RMWD50162M** | - | CV50BWD50M343 CV50RMWD50M472** | - | HSK100ASWN50110M | | | | | | | | | | | | |
| SS(F) | 2,00 | - | - | - | - | - | CV50SS200562 (AD) CV50SS200762 (AD) CV50BSSF200550 | - | - | | | | | | | | | | | |
| | | HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | | | | | | | | | | | - |
| 55-58 58-63 63-68 | 2,17-2,28 2,28-2,48 2,48-2,68 | WD/ WN | 32 | DV40BWD32075M DV40RMWD32115M** | DV50BWD32060M DV50RMWD32140M** | BT40BWD32070 | BT50BWD32080M | CV40BWD32M343 CV40RMWD32M453** | CV50BWD32M343 CV50RMWD32M453** | | | | | | | | | | | HSK50ASWN32110M HSK63ASWN32090M HSK100ASWN32100M |
| | | | 50 | - | DV50BWD50075M DV50RMWD50144M** | - | BT50BWD50085M BT50RMWD50162M** | - | CV50BWD50M343 CV50RMWD50M472** | | | | | | | | | | | HSK100ASWN50110M |
| SS(F) | 2,00 | - | - | - | - | - | CV50SS200562 (AD) CV50SS200762 (AD) CV50BSSF200550 | - | - | | | | | | | | | | | |
| | | HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | | | | | | | | | | | - |
| 63-68* 68-73 73-78 78-84 | 2,48-2,68 2,68-2,87 2,87-3,07 3,07-3,31 | WD/ WN | 50 | - | DV50BWD50075M DV50RMWD50144M** | - | BT50BWD50085M BT50RMWD50162M** | - | CV50BWD50M343 CV50RMWD50M472** | HSK100ASWN50110M | | | | | | | | | | |
| | | | SS(F) | 2,00 | - | - | - | - | V50SS200562 (AD) CV50SS200762 (AD) CV50BSSF200550 | - | | | | | | | | | | |
| HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | - | | | | | | | | | | | | |

* HTS boorkoppen met versterkte houder voor kortspanig materiaal.

** Opname met koelmiddel ring.

De afgebeelde combinaties zijn niet compleet. Vraag uw Kennametal vertegenwoordiger naar de beste oplossing voor uw toepassing.

Houd er rekening mee dat de totale lengte van het boor gereedschap niet noodzakelijk de totaal te bereiken boordiepte is .

| KM | Basis schachten | | | | Verloopstuk | | | Voor gebruik met koelmiddel opname | | Verlengstuk | | HTS kop | | |
|--------------------------------------|---|---|---|---|---|--|--|--|---|---|---|-------------|--|---|
| |  |  |  |  |  |  |  |  |  |  |  | | | |
| 80 | Metrisch | mm | Inch | in | mm | in | mm | in | Koelmiddel opname | Opsteek frees DV/BT | mm | in | | |
| - | 5.34032-025115 5.34032-025200 | 110 195 | - | - | - | - | - | - | - | - | - | - | | |
| - | 5.34050-025300 5.34050-025450 | 270 420 | - | - | - | - | - | - | - | - | 5.34125R025150 | 160 6,30 | HTSR040R025M HTSR043R025M | |
| - | - | - | - | SSF150HTS130239 SSF150HTS130664 SSF150HTS131114 SSF150HTS131764 | .39 4.65 9.14 15.64 | - | - | - | - | - | - | - | - | |
| - | 5.34032-028115 5.34032-028200 | 110 195 | - | - | - | - | - | - | - | - | - | - | - | |
| - | 5.34050-028300 5.34050-028450 | 265 415 | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | SSF200HTS130239 SSF200HTS130664 SSF200HTS131114 SSF200HTS131764 | .39 4.65 9.14 15.64 | - | - | - | - | - | 5.34128R028150 | 160 6,30 | HTSR046R028M HTSR049R028M HTSR052R028M | |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | - | - | 5.34280R028080 | 90 | 3,54 | 5.34350-090100 | DV50SM60070M BT50SM60090M | - | - | - | |
| - | 5.34032-025115 5.34032-025200 | 110 195 | - | - | - | - | - | - | - | - | - | - | - | |
| - | 5.34050-028300 5.34050-028450 | 265 415 | - | - | - | - | - | - | - | - | 5.34128R028150 | 160 6,30 | 3.76045R028V 3.76050R028V | |
| - | - | - | - | SSF200HTS130239 SSF200HTS130664 SSF200HTS131114 SSF200HTS131764 | .39 4.65 9.14 15.64 | - | - | - | - | - | - | - | - | |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | - | - | 5.34280R028080 | 90 | 3,54 | 5.34350-090100 | DV50SM60070M BT50SM60090M | - | - | - | |
| - | 5.34032-032125 | 120 | - | - | - | - | - | - | - | - | - | - | - | |
| - | 5.34050-032500 5.34050-032350 5.34050-032350 | 165 315 465 | - | - | - | - | - | - | - | - | 5.34132R032100 5.34132R032200 | 110 210 | 4,33 8,27 | 3.76055R032V 3.76058R032V 3.76063R032V |
| - | - | - | - | SSF200HTS160239 SSF200HTS160714 SSF200HTS161214 SSF200HTS161964 | .39 5.14 10.14 17.64 | - | - | - | - | - | - | - | - | |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | - | - | 5.34280R032080 | 90 | 3,5 | 5.34350-090100 | DV50SM60070M BT50SM60090M | - | - | - | |
| - | 5.34050-040148 5.34050-040300 5.34050-040450 5.34050-040600 | 140 267 417 567 | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | SSF200HTS220297 SSF200HTS220922 SSF200HTS221572 SSF200HTS222572 | .47 7.22 13.72 23.72 | - | - | - | - | - | 5.34140R040200 | 212 | 8,35 | 3.76063R040V* 3.76068R040V 3.76073R040V 3.76078R040V |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | - | - | 5.34280R040080 | 90 | 3,62 | 5.34350-090100 | DV50SM60070M BT50SM60090M | - | - | - | |

(vervolg)

(HTS gereedschap samenstelling combinaties — vervolg)

HTS gereedschap samenstelling combinaties







- Kies uw passende diameter bereik.
- Kies de passende opname en schacht afmeting.
- Volg de kolommen naar rechts en kies de passende onderdelen uit iedere kolom om uw HTS(-R) gereedschap te completeren.

| Boor bereik | | Opname | | DV | | BT | | CV | | HSK | |
|--|--|--------------------------------|------|-----------------------|-----------------------------------|-----------------------|-----------------------------------|-------------------------------------|--|-----------------------|--|
| | | | | Samenstelling details | | Samenstelling details | | Samenstelling details | | Samenstelling details | |
| mm | in | | D1 | 40 | 50 | 40 | 50 | 40 | 50 | 50/63/100 | |
| 78-84* 84-90 90-96 96-102 | 3.07-3.31 3.31-3.54 3.54-3.70 3.78-4.02 | WD/ WN | 50 | - | DV50BWD50075M DV50RMWD50144M** | - | BT50BWD50085M BT50RMWD50162M** | - | CV50BWD50M343 CV50RMWD50M472** | HSK100ASWN50110M | |
| | | SS(F) | 2,00 | - | - | - | - | - | CV50SS200562 (AD) CV50SS200762 (AD) CV50BSSF200550 | - | |
| | | HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | - | |
| 96-102* 102-108 108-115 | 3.78-4.02 4.02-4.25 4.25-4.53 | WD/ WN | 50 | - | DV50BWD50075M DV50RMWD50144M** | - | BT50BWD50085M BT50RMWD50162M** | - | CV50BWD50M343 CV50RMWD50M472** | HSK100ASWN50110M | |
| | | SS(F) | 2,00 | - | - | - | - | - | CV50SS200562 (AD) CV50SS200762 (AD) CV50BSSF200550 | - | |
| | | HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | - | |
| 115-122 122-130 130-140 | 4.53-4.80 4.80-5.12 5.12-5.51 | SS(F) | 40 | - | - | - | - | - | CV50SS250800 | - | |
| | | HTS | 40 | 5,36050154040 | - | BT50BHTS40080M | - | CV50BHTS40M314 CV50RMHTS40M412** | - | HSK100AHTS40085M | |
| | | HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | HSK100AHTS50090M | |
| 140-150 150-158 158-162 162-170 | 5.51-5.91 5.91-6.22 6.22-6.38 6.38-6.70 | HTS | 50 | - | 5,36050-154050 | - | BT50BHTS50080M | - | CV50BHTS50M314 CV50RMHTS50M413** | HSK100AHTS50090M | |
| | | maatwerk op aanvraag leverbaar | | | | | | | | | |
| 180-186 195-201 213-220 | 7.08-7.32 7.68-7.91 8.39-8.66 | maatwerk op aanvraag leverbaar | | | | | | | | | |
| | | maatwerk op aanvraag leverbaar | | | | | | | | | |

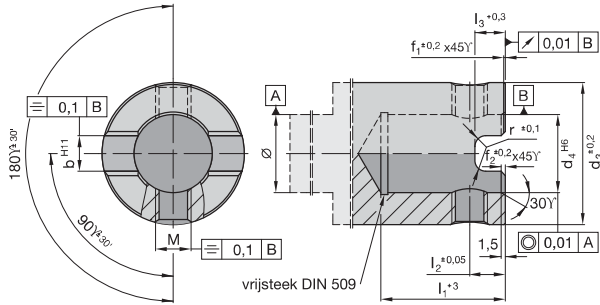
* HTS boorkoppen met versterkte houder voor kortspanig materiaal.

** Opname met koelmiddel ring.

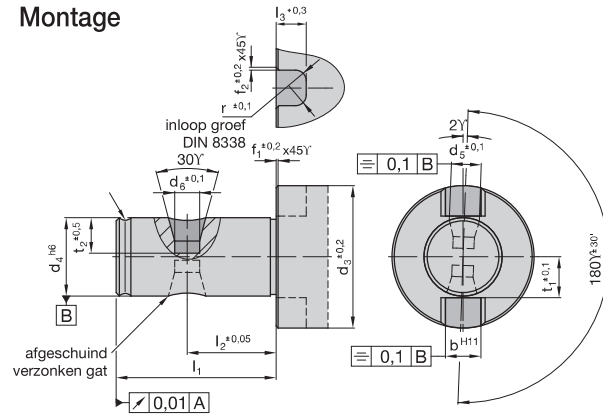
De afgebeelde combinaties zijn niet compleet. Vraag uw Kennametal vertegenwoordiger naar de beste oplossing voor uw toepassing. Houd er rekening mee dat de totale lengte van het boor gereedschap niet noodzakelijk de totaal te bereiken boordiepte is.

| KM | Basis schacht | | | | | Verloopstuk | | | Verlengstuk | | HTS kop | | |
|--------------------------------------|---|---|---|---|--|---|-------------------|---------------------|----------------|------------------------------|--|---|--|
| |  |  |  |  |  |  | | | | | | | |
| 80 | Metrisch | mm | Inch | in | mm | in | Koelmiddel opname | Opsteek frees DV/BT | mm | in | | | |
| - | 5.34050-048168 5.34050-048300 5.34050-048450 5.34050-048600 | 160 267 417 567 | - | - | - | - | - | - | - | - | - | 3.76078R048V* 3.76084R048V 3.76090R048V 3.76096R048V | |
| - | - | - | - | SSF200HTS270297 SSF200HTS271122 SSF200HTS271922 SSF200HTS273122 | 1,47 9,22 17,22 29,22 | - | - | - | - | 5.34140R048200 | 212 8,35 | - | |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | - | - | 5.34280R048080 | 92 | 3,62 | 5.34350-090100 | DV50SM60070M BT50SM60090M | - | - | |
| - | 5.34050-058186 5.34050-058300 5.34050-058450 5.34050-058600 | 180 254 404 554 | - | - | - | - | - | - | - | - | - | 3.76096R058V* 3.76102R058V 3.76108R058V | |
| - | - | - | - | SSF200HTS160239 SSF200HTS160714 SSF200HTS161214 SSF200HTS161964 | .39 5,14 10,14 17,64 | - | - | - | - | 5.34158R058300 | 314 12,36 | - | |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | - | - | 5.34280R058080 | 94 | 3,70 | 5.34350-090100 | DV50SM60070M BT50SM60090M | - | - | |
| - | - | - | - | SSF250HTS400355 SSF250HTS401055 SSF250HTS401555 SSF250HTS402555 | 1,63 8,21 13,21 23,21 | - | - | - | - | - | - | - | |
| KM80ATCHTS40085M KM80ATCHTS40100M | - | - | - | - | - | 5.34280R070150 | 164 | 6,45 | 5.34350-090100 | DV50SM60070M BT50SM60090M | 5.34170R070300 5.34170R070500 | 314 514 20,24 | 3.76115R070V 3.76122R070V 3.76130R070V |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | - | - | - | - | - | - | - | - | - | |
| KM80ATCHTS50085M KM80ATCHTS50100M | - | - | - | SSF300HTS500413 SSF300HTS501313 SSF300HTS502113 SSF300HTS503113 | 1,87 10,55 18,55 28,55 | - | - | - | 5.34350-090100 | DV50SM60070M BT50SM60090M | 5.34180R080204 5.34180R080300 5.34180R080500 | 220 316 516 8,66 12,44 20,32 | 3.76140R080V 3.76150R080V 3.76158R080V 3.76162R080V |
| maatwerk op aanvraag leverbaar | | | | | | | | | | | 3.76180R110 3.76195R110 3.76213R125 | | |
| maatwerk op aanvraag leverbaar | | | | | | | | | | | 3.76230R160 3.76260R160 | | |

Adapter



Montage



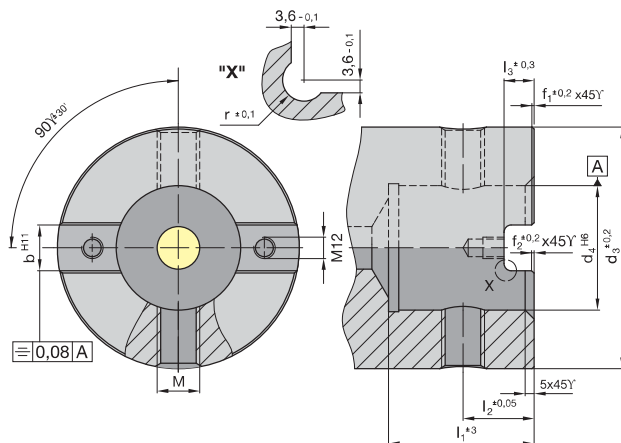
Opname afmetingen

| d3 | d4 | l1 | l2 | l3 | M | b | r | f1 | f2 | Meeneem ring | Klem-schroef | Schroef-draad | MAN* Nm | Glijplaat | Klemschroef M 12 x 25 voor glijplaat |
|--------|----|----|------|------|-----------|------|---|-----|-----|--------------|--------------|---------------|---------|-----------|--------------------------------------|
| 25 | 13 | 28 | 12,4 | 7,0 | M8 x 1,0 | 8,0 | 3 | 0,5 | 0,5 | 193,371 | 193,372 | M8 x 1,0 | 10 | - | - |
| 28 | 13 | 28 | 12,4 | 7,0 | M8 x 1,0 | 8,0 | 3 | 0,5 | 0,5 | 192,419 | 193,372 | M8 x 1,0 | 10 | - | - |
| 32 | 16 | 32 | 14,4 | 7,5 | M8 x 1,0 | 8,0 | 3 | 0,5 | 0,5 | 192,420 | 192,156 | M8 x 1,0 | 10 | - | - |
| 40 | 22 | 35 | 13,4 | 8,5 | M10 x 1,0 | 10,0 | 3 | 0,5 | 0,5 | 192,421 | 192,157 | M10 x 1,0 | 16 | - | - |
| 48 | 27 | 40 | 15,4 | 9,0 | M12 x 1,0 | 12,0 | 3 | 1,0 | 1,0 | 192,422 | 191,727 | M12 x 1,0 | 16 | - | - |
| 58 | 32 | 38 | 15,4 | 10,0 | M12 x 1,0 | 14,0 | 3 | 1,0 | 1,0 | 192,423 | 191,727 | M12 x 1,0 | 20 | - | - |
| 70 | 40 | 43 | 16,4 | 10,0 | M16 x 1,5 | 16,0 | 3 | 1,0 | 1,0 | 192,424 | 191,728 | M16 x 1,5 | 34 | - | - |
| 80 | 50 | 46 | 20,4 | 12,5 | M16 x 1,5 | 18,0 | 4 | 1,0 | 1,0 | 192,425 | 191,728 | M16 x 1,5 | 34 | - | - |
| 90 | 50 | 46 | 20,4 | 12,5 | M16 x 1,5 | 18,0 | 4 | 1,0 | 1,0 | 192,426 | 191,729 | M16 x 1,5 | 34 | - | - |
| 110 | 60 | 46 | 20,4 | 12,5 | M16 x 1,5 | 20,0 | 4 | 1,0 | 1,0 | 192,427 | 191,729 | M16 x 1,5 | 34 | - | - |
| 125 1) | 60 | 77 | 40,0 | 12,5 | M24 x 2,0 | 25,5 | 4 | 1,0 | 1,0 | - | 193,107 | M24 x 2,0 | 120 | 191,019 | 125,225 |
| 140 1) | 70 | 82 | 40,0 | 12,5 | M24 x 2,0 | 25,5 | 4 | 1,0 | 1,0 | - | 193,107 | M24 x 2,0 | 120 | 191,019 | 125,225 |
| 160 1) | 80 | 82 | 40,0 | 12,5 | M24 x 2,0 | 25,5 | 4 | 1,0 | 1,0 | - | 193,107 | M24 x 2,0 | 120 | 191,019 | 125,225 |

* MAN = koppel van de klemschroef in Nm.

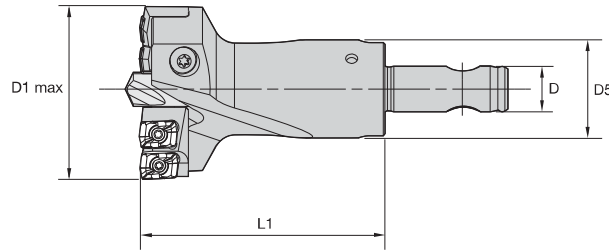
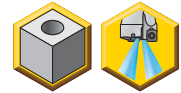
Montage afmetingen

| d3 | d4 | d5 | d6 | l1 | l2 | l3 | t1 | t2 | b | r | f1 | f2 |
|--------|----|-------|------|----|------|-------|------|-------|------|---|-----|-----|
| 25 | 13 | 8,50 | 6,5 | 35 | 22,0 | 7,00 | 6,7 | 6,50 | 8,0 | 3 | 0,5 | 0,5 |
| 28 | 13 | 8,50 | 6,5 | 35 | 22,0 | 7,00 | 7,0 | 6,50 | 8,0 | 3 | 0,5 | 0,5 |
| 32 | 16 | 8,30 | 6,5 | 40 | 24,0 | 7,50 | 8,5 | 7,50 | 8,0 | 3 | 0,5 | 0,5 |
| 40 | 22 | 10,50 | 7,0 | 45 | 25,0 | 8,50 | 11,5 | 10,00 | 10,0 | 3 | 0,5 | 0,5 |
| 48 | 27 | 12,75 | 9,0 | 50 | 27,0 | 9,00 | 14,0 | 12,00 | 12,0 | 3 | 1,0 | 1,0 |
| 58 | 32 | 11,50 | 9,0 | 50 | 29,0 | 10,00 | 16,5 | 7,25 | 14,0 | 3 | 1,0 | 1,0 |
| 70 | 40 | 15,25 | 12,2 | 55 | 30,0 | 10,50 | 20,5 | 10,00 | 16,0 | 3 | 1,0 | 1,0 |
| 80 | 50 | 15,25 | 12,2 | 60 | 36,0 | 12,50 | 25,5 | 12,50 | 18,0 | 4 | 1,0 | 1,0 |
| 90 | 50 | 16,50 | 12,2 | 60 | 36,0 | 12,50 | 25,5 | 12,50 | 18,0 | 4 | 1,0 | 1,0 |
| 110 | 60 | 14,50 | 12,2 | 60 | 36,0 | 13,65 | 30,5 | 10,00 | 20,0 | 4 | 1,0 | 1,0 |
| 125 1) | 60 | 25,00 | 18,0 | 75 | 39,5 | 17,00 | 35,0 | 20,25 | 25,5 | 6 | 1,0 | 1,0 |
| 140 1) | 70 | 25,00 | 18,0 | 80 | 39,5 | 17,00 | 42,0 | 20,25 | 25,5 | 6 | 1,0 | 1,0 |
| 160 1) | 80 | 25,00 | 18,0 | 80 | 39,5 | 17,00 | 42,0 | 20,25 | 25,5 | 6 | 1,0 | 1,0 |



1) Adapter voor d3 = 125, 140, en 160

- De kop wordt geleverd met klem- en stelschroeven.
- Bestel de centerboor en cassettes apart; zie pagina J68 voor de centerboor.



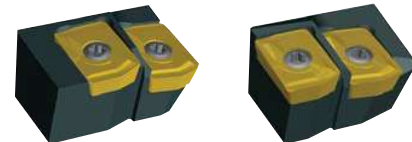
■ HTS instelbare koppen met DFR™ wisselplaten



| Catalogus nummer | D1 | D1 max | D5 | D | L1 | Pilotboor HSS | Pilotboor hardmetaal | Binnencassette | n | Cassette uitwendig | n | Wisselplaat | ni |
|------------------|----|--------|----|-----|----|---------------|----------------------|----------------|---|--------------------|---|-------------|----|
| HTSR040R025M | 40 | 43 | 25 | 13A | 60 | B513S08.. | B514S08.. | HTSR10CI | 1 | HTSR10CE | 1 | DFR0302.. | 4 |
| HTSR043R025M | 43 | 46 | 25 | 13A | 70 | B513S10.. | B514S10.. | HTSR11CI | 1 | HTSR11CE | 1 | DFR0302.. | 4 |
| HTSR046R028M | 46 | 49 | 28 | 13B | 70 | B513S10.. | B514S10.. | HTSR12CI | 1 | HTSR12CE | 1 | DFR0403.. | 4 |
| HTSR049R028M | 49 | 52 | 28 | 13B | 70 | B513S10.. | B514S10.. | HTSR13CI | 1 | HTSR13CE | 1 | DFR0403.. | 4 |
| HTSR052R028M | 52 | 55 | 28 | 13B | 70 | B513S10.. | B514S10.. | HTSR14CI | 1 | HTSR14CE | 1 | DFR0403.. | 4 |

LET OP: n: aantal benodigde cassettes per kop.
ni: aantal benodigde wisselplaten per kop.

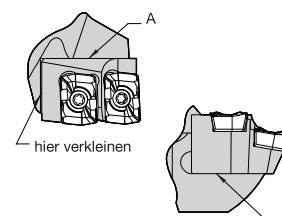
| D1 diameter | | | |
|-------------|-----------|-------------|----------------|
| mm | in | Klemschroef | Instel schroef |
| 40-42 | 1,57-1,68 | 190.116 | 128.610 |
| 43-52 | 1,69-2,05 | 193.397 | 190.458 |



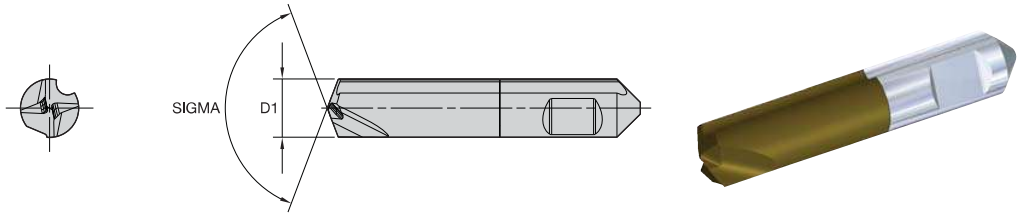
■ HTS DFR Cassettes

| Catalogus nummer | Wisselplaat | Nm | ft. lbs. | Wisselplaat schroef | Cassette schroef | Sluitring |
|------------------|-------------|-----|----------|---------------------|------------------|-----------|
| HTSR10CE | DFR0302.. | 5,0 | 3.69 | 192.416 | 192.592 | 192.902 |
| HTSR10CI | DFR0302.. | 5,0 | 3.69 | 192.416 | 192.592 | 192.902 |
| HTSR11CE | DFR0302.. | 5,0 | 3.69 | 192.416 | 192.592 | 192.902 |
| HTSR11CI | DFR0302.. | 5,0 | 3.69 | 192.416 | 192.592 | 192.902 |
| HTSR12CE | DFR0403.. | 5,0 | 3.69 | 192.432 | 192.592 | 192.902 |
| HTSR12CI | DFR0403.. | 5,0 | 3.69 | 192.432 | 192.592 | 192.902 |
| HTSR13CE | DFR0403.. | 5,0 | 3.69 | 192.432 | 192.592 | 192.902 |
| HTSR13CI | DFR0403.. | 5,0 | 3.69 | 192.432 | 192.592 | 192.902 |
| HTSR14CE | DFR0403.. | 5,0 | 3.69 | 192.432 | 192.592 | 192.902 |
| HTSR14CI | DFR0403.. | 5,0 | 3.69 | 192.432 | 192.592 | 192.902 |

- Wijzig de boordiameter door inkorten van de cassette.
- Op 90° inkorten naar het aanlegvlak A en het steunvlak B.
- Het inkorten verkleint de effectieve boordiameter met 2x de inkorting.

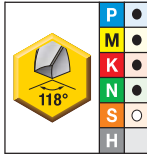


- Maak de keuze tussen HSS en volhardmetaal.



HTS DFR • Centerboren

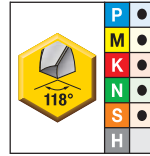
Wisselplaatboren



Ongecoat HSS

A30

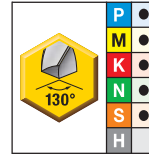
B513S08000 A30
B513S10000 A30



Gecoat HSS

AS3

B513S08000 AS3
B513S10000 AS3



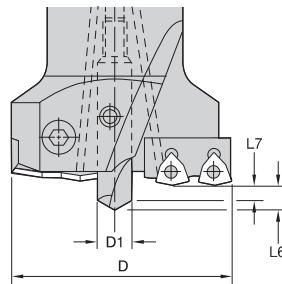
Gecoat volhardmetaal

KC7030

B514S08000 KC7030
B514S10000 KC7030

- eerste keuze
- alternatieve keuze

| Ongecoat HSS A30 | | Gecoat HSS AS3 | | Gecoat volhardmetaal KC7030 | | D1 |
|------------------|--|----------------|--|-----------------------------|--|----|
| B513S08000 A30 | | B513S08000 AS3 | | B514S08000 KC7030 | | 8 |
| B513S10000 A30 | | B513S10000 AS3 | | B514S10000 KC7030 | | 10 |



HTS DFR • Centerboren

| D1 | | Snelstaal (118°) | | | | Volhardmetaal (130°) | | | |
|-------|------|------------------|------|------|------|----------------------|------|------|------|
| mm | in | L6 | | L7 | | L6 | | L7 | |
| 8,00 | .315 | 4,14 | .163 | 1,73 | .068 | 3,61 | .142 | 1,73 | .068 |
| 10,00 | .394 | 4,88 | .192 | 1,88 | .074 | 4,19 | .165 | 1,88 | .074 |

HTS DFR™ • Metrisch

| Metrisch | | | | | | | | | | | |
|-----------------|----------|---------|-----------|-----------------|--------------|--------------|------------|-------------------------------------|---------------------------|------------------------|-----------|
| Materiaal groep | Conditie | Zitting | Geometrie | Hardmetaalsoort | Snijsnelheid | | | Aanbevolen voeding (f) per diameter | | | |
| | | | | | Vc m/min | | | Ø | DFR03... 40,00–46,00mm | DFR04 46,00–55,00mm | |
| | | | | | Min | Start waarde | Max | | | | |
| P | 1 | S | O | MD | KCU25 | 79 | 190 | 229 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | MD | KCU25 | | | | | | |
| | | U | O | MD | KCU40 | 71 | 130 | 171 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | MD | KCU40 | | | | | | |
| | | I | O | MD | KC7140 | 44 | 80 | 106 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | 2 | S | O | GD | KCU25 | 75 | 180 | 217 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KCU25 | | | | | | |
| | | U | O | GD | KCU40 | 71 | 120 | 271 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KCU40 | | | | | | |
| | | I | O | GD | KC7140 | 44 | 70 | 106 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KC7140 | | | | | | |
| | 3 | S | O | GD | KCU25 | 60 | 140 | 169 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KCU25 | | | | | | |
| | | U | O | GD | KCU40 | 50 | 100 | 121 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KCU40 | | | | | | |
| | | I | O | GD | KC7140 | 30 | 60 | 72 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KC7140 | | | | | | |
| | 4 | S | O | GD | KCU25 | 79 | 120 | 229 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KCU25 | | | | | | |
| | | U | O | GD | KCU40 | 71 | 100 | 171 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KCU40 | | | | | | |
| | | I | O | GD | KC7140 | 44 | 80 | 106 | mm/omw | 0,10–0,14 | 0,12–0,18 |
| | | | I | GD | KC7140 | | | | | | |
| 5 | S | O | GD | KCU40 | 62 | 100 | 190 | mm/omw | 0,06–0,11 | 0,07–0,14 | |
| | | I | GD | KCU40 | | | | | | | |
| | U | O | GD | KC7140 | 47 | 60 | 114 | mm/omw | 0,06–0,11 | 0,07–0,14 | |
| | | I | GD | KC7140 | | | | | | | |
| | I | O | GD | KC7140 | 31 | 40 | 76 | mm/omw | 0,06–0,11 | 0,07–0,14 | |
| | | I | GD | KC7140 | | | | | | | |
| 6 | S | O | GD | KCU40 | 59 | 95 | 180 | mm/omw | 0,07–0,11 | 0,08–0,13 | |
| | | I | GD | KCU40 | | | | | | | |
| | U | O | GD | KC7140 | 45 | 57 | 108 | mm/omw | 0,07–0,11 | 0,08–0,13 | |
| | | I | GD | KC7140 | | | | | | | |
| | I | O | GD | KC7140 | 30 | 38 | 72 | mm/omw | 0,07–0,11 | 0,08–0,13 | |
| | | I | GD | KC7140 | | | | | | | |
| M | 1 | S | O | MD | KCU40 | 40 | 110 | 134 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | | U | O | MD | KC7140 | 31 | 70 | 86 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | | I | O | MD | KC7140 | 22 | 50 | 61 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | 2 | S | O | MD | KCU40 | 38 | 99 | 127 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | | U | O | MD | KC7140 | 31 | 63 | 86 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | | I | O | MD | KC7140 | 22 | 45 | 61 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | 3 | S | O | MD | KCU40 | 32 | 88 | 107 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | | U | O | MD | KC7140 | 31 | 56 | 86 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |
| | | I | O | MD | KC7140 | 22 | 40 | 61 | mm/omw | 0,07–0,11 | 0,12–0,18 |
| | | | I | MD | KC7140 | | | | | | |

Omstandigheden: S = Stabiele omstandigheden;
 U = Instabiele omstandigheden;
 I = Onderbroken snede

Zitting: I = Binnenwisselplaat;
 O = Buitenwisselplaat



Wisselplaatboren


HTS DFR™ • Metrisch

| Materiaal groep | Conditie | Zitting | Geometrie | Hardmetaal-soort | Metrisch | | | | | | |
|-----------------|----------|---------|-----------|------------------|--------------------------|--------------|-----|-------------------------------------|-------------------------|-------------------------|-----------|
| | | | | | Snijsnelheid Vc m/min | | | Aanbevolen voeding (f) per diameter | | | |
| | | | | | Min | Start waarde | Max | Ø | DFR03... 40,00–46,00 | DFR04... 46,00–55,00 | |
| K | 1 | S | O | GD | KCPK10 | 79 | 171 | 229 | mm/omw | 0,11–0,20 | 0,13–0,27 |
| | | | I | GD | KCPK10 | | | | | | |
| | | U | O | LD | KCU25 | 64 | 117 | 156 | mm/omw | 0,11–0,20 | 0,13–0,27 |
| | | | I | LD | KCU25 | | | | | | |
| | | I | O | LD | KCU40 | 40 | 72 | 96 | mm/omw | 0,11–0,20 | 0,13–0,27 |
| | | | I | LD | KCU40 | | | | | | |
| | 2 | S | O | GD | KCPK10 | 75 | 162 | 217 | mm/omw | 0,11–0,20 | 0,13–0,27 |
| | | | I | GD | KCPK10 | | | | | | |
| | | U | O | GD | KCU25 | 64 | 111 | 156 | mm/omw | 0,11–0,20 | 0,13–0,27 |
| | | | I | GD | KCU25 | | | | | | |
| | | I | O | LD | KCU40 | 40 | 68 | 96 | mm/omw | 0,11–0,20 | 0,13–0,27 |
| | | | I | LD | KCU40 | | | | | | |
| 3 | S | O | GD | KCPK10 | 68 | 146 | 195 | mm/omw | 0,11–0,20 | 0,13–0,27 | |
| | | I | GD | KCPK10 | | | | | | | |
| | U | O | GD | KCU25 | 59 | 100 | 144 | mm/omw | 0,11–0,20 | 0,13–0,27 | |
| | | I | GD | KCU25 | | | | | | | |
| | I | O | GD | KCU40 | 35 | 62 | 84 | mm/omw | 0,11–0,20 | 0,13–0,27 | |
| | | I | GD | KCU40 | | | | | | | |
| N | 1 | S | O | ST | KD1425 | 128 | 240 | 358 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | ST | KD1425 | | | | | | |
| | | U | O | LD | KCU40 | 102 | 160 | 239 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | LD | KCU40 | | | | | | |
| | | I | O | LD | KCU40 | 67 | 104 | 155 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | LD | KCU40 | | | | | | |
| | 2 | S | O | ST | KD1425 | 119 | 223 | 333 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | ST | KD1425 | | | | | | |
| | | U | O | LD | KCU40 | 102 | 149 | 239 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | LD | KCU40 | | | | | | |
| | | I | O | LD | KCU40 | 67 | 97 | 155 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | LD | KCU40 | | | | | | |
| | 3 | S | O | ST | KD1425 | 110 | 206 | 308 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | ST | KD1425 | | | | | | |
| | | U | O | LD | KCU40 | 102 | 138 | 239 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | LD | KCU40 | | | | | | |
| | | I | O | LD | KCU40 | 67 | 89 | 155 | mm/omw | 0,06–0,09 | 0,11–0,19 |
| | | | I | LD | KCU40 | | | | | | |
| 4 | S | O | ST | KD1425 | 119 | 223 | 333 | mm/omw | 0,06–0,09 | 0,11–0,19 | |
| | | I | ST | KD1425 | | | | | | | |
| | U | O | LD | KCU40 | 102 | 149 | 239 | mm/omw | 0,06–0,09 | 0,11–0,19 | |
| | | I | LD | KCU40 | | | | | | | |
| | I | O | LD | KCU40 | 67 | 97 | 155 | mm/omw | 0,06–0,09 | 0,11–0,19 | |
| | | I | LD | KCU40 | | | | | | | |
| 5 | S | O | ST | KD1425 | 92 | 220 | 262 | mm/omw | 0,06–0,09 | 0,11–0,19 | |
| | | I | ST | KD1425 | | | | | | | |
| | U | O | LD | KCU40 | 72 | 140 | 167 | mm/omw | 0,06–0,09 | 0,11–0,19 | |
| | | I | LD | KCU40 | | | | | | | |
| | I | O | LD | KCU40 | 46 | 90 | 107 | mm/omw | 0,06–0,09 | 0,11–0,19 | |
| | | I | LD | KCU40 | | | | | | | |

Omstandigheden: S = Stabiele omstandigheden;
 U = Instabiele omstandigheden;
 I = Onderbroken snede

Zitting: I = Binnenwisselplaat;
 O = Buitenwisselplaat

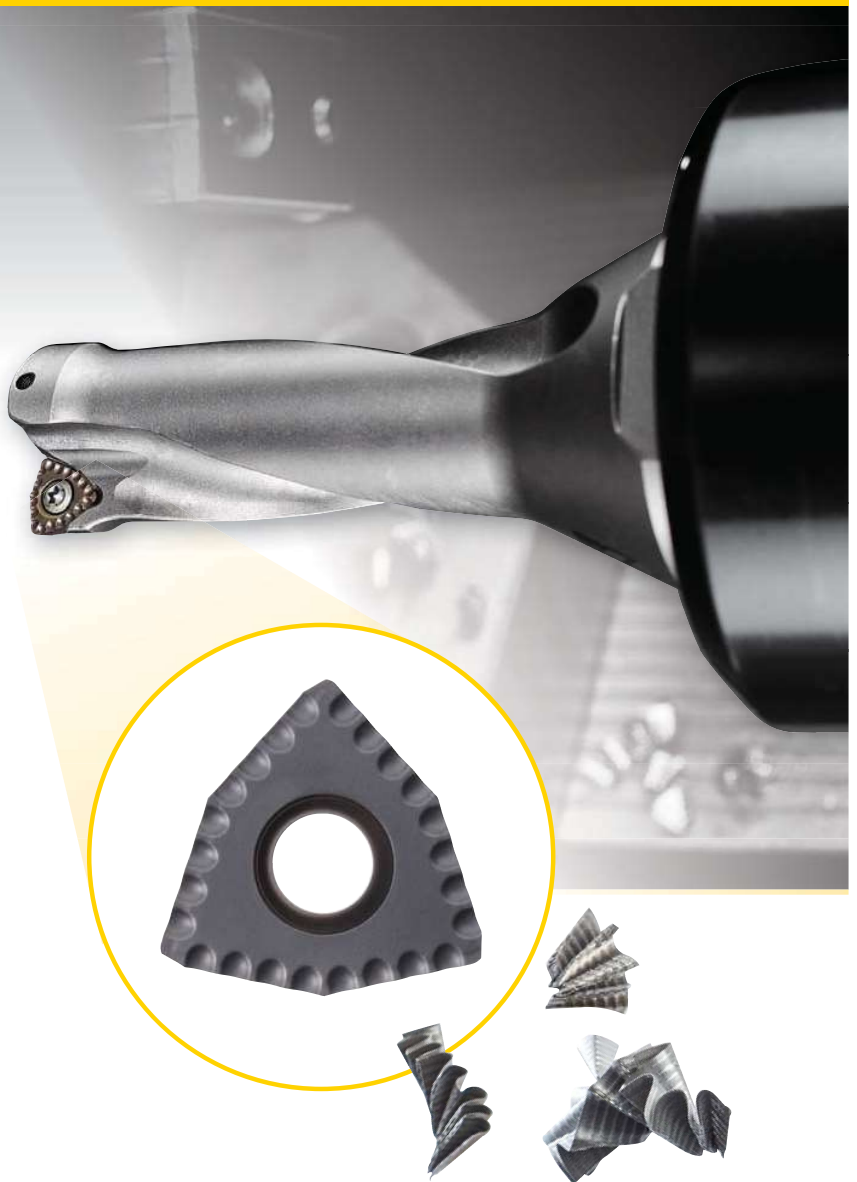
Moeilijke toepassingen gemakkelijk gemaakt

Gebruik DS en LP geometrieën om spaanophoping en lange lintspanen in laag koolstof staal toepassingen te vermijden.

- De nieuwe DS wisselplaat geometrie kan worden gebruikt op Drill Fix™ DFT™, HTS, en KSEM PLUS™ gereedschap systemen.
- LP uitvoering wisselplaten kunnen worden gebruikt op Drill Fix DFSP™ als buitenwisselplaten.
- Gebruik deze nieuwe geometrieën bij alle toepassingen waar lange spanen een probleem zijn.

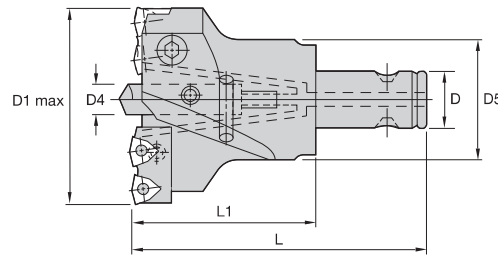
Zie pagina J4–J50 voor Drill Fix wisselplaat boren.

Zie pagina H80–H82, H84–H101, en H106 voor KSEM PLUS A1 B1 koppen.

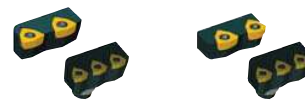


Ervaar de voordelen bij uw Kennametal distributeur of bij kennametal.com.

- De kop wordt geleverd met klem- en stelschroeven.
- Bestel de centerboor apart; zie pagina J76.
- Bestel de cassettes apart; zie pagina J74.



■ HTS instelbare koppen • DFT™ wisselplaten

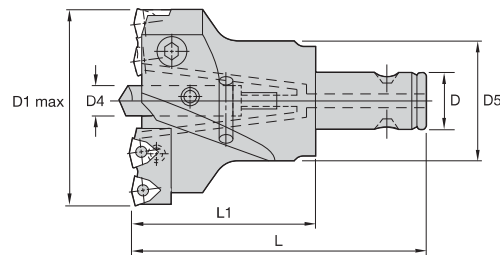


| Catalogus nummer | D1 | D1 max | D5 | D | L | L1 | kg | Pilot boor | Binnencassette | | Cassette uitwendig | | Wisselplaat | |
|------------------|-----|--------|-----|----|-----|-----|-----|------------|----------------|---|--------------------|---|-------------|----|
| | | | | | | | | | n | | n | | n | ni |
| 3.76045R028V | 45 | 50 | 28 | 13 | 85 | 50 | 0.3 | B510S08. | 3.77000R050V | 1 | 3.77000R051V | 1 | DFT0303. | 4 |
| 3.76050R028V | 50 | 55 | 28 | 13 | 85 | 50 | 0.4 | B510S08. | 3.77000R052V | 1 | 3.77000R053V | 1 | DFT0303. | 4 |
| 3.76055R032V | 55 | 58 | 33 | 16 | 100 | 60 | 0.4 | B510S08. | 3.77000R038V | 1 | 3.77000R039V | 1 | DFT05T3. | 4 |
| 3.76058R032V | 58 | 63 | 33 | 16 | 100 | 60 | 0.4 | B510S10. | 3.77000R023V | 1 | 3.77000R024V | 1 | DFT05T3. | 4 |
| 3.76063R032V | 63 | 68 | 33 | 16 | 100 | 60 | 0.4 | B510S10. | 3.77000R025V | 1 | 3.77000R024V | 1 | DFT05T3. | 4 |
| 3.76063R040V | 63 | 68 | 41 | 22 | 115 | 70 | 0.5 | B510S10. | 3.77000R025V | 1 | 3.77000R024V | 1 | DFT05T3. | 4 |
| 3.76068R040V | 68 | 73 | 41 | 22 | 115 | 70 | 0.8 | B510S10. | 3.77000R026V | 1 | 3.77000R027V | 1 | DFT05T3. | 4 |
| 3.76073R040V | 73 | 78 | 41 | 22 | 115 | 70 | 0.8 | B510S15. | 3.77000R026V | 1 | 3.77000R027V | 1 | DFT05T3. | 4 |
| 3.76078R040V | 78 | 84 | 41 | 22 | 115 | 70 | 0.8 | B510S15. | 3.77000R028V | 1 | 3.77000R029V | 1 | DFT06T3. | 4 |
| 3.76078R048V | 78 | 84 | 49 | 27 | 120 | 70 | 0.9 | B510S15. | 3.77000R028V | 1 | 3.77000R029V | 1 | DFT06T3. | 4 |
| 3.76084R048V | 84 | 90 | 49 | 27 | 120 | 70 | 1.0 | B510S15. | 3.77000R028V | 1 | 3.77000R029V | 1 | DFT06T3. | 4 |
| 3.76090R048V | 90 | 96 | 49 | 27 | 120 | 70 | 1.0 | B510S15. | 3.77000R030V | 1 | 3.77000R031V | 1 | DFT06T3. | 4 |
| 3.76096R048V | 96 | 102 | 49 | 27 | 120 | 70 | 1.1 | B510S20. | 3.77000R030V | 1 | 3.77000R031V | 1 | DFT06T3. | 4 |
| 3.76096R058V | 96 | 102 | 59 | 32 | 130 | 80 | 1.2 | B510S20. | 3.77000R030V | 1 | 3.77000R031V | 1 | DFT06T3. | 4 |
| 3.76102R058V | 102 | 108 | 59 | 32 | 130 | 80 | 1.7 | B510S20. | 3.77000R081V | 1 | 3.77000R082V | 1 | DFT05T3. | 6 |
| 3.76108R058V | 108 | 115 | 59 | 32 | 130 | 80 | 1.8 | B510S20. | 3.77000R083V | 1 | 3.77000R084V | 1 | DFT06T3. | 6 |
| 3.76115R070V | 115 | 122 | 71 | 40 | 145 | 90 | 2.9 | B510S20. | 3.77000R085V | 1 | 3.77000R086V | 1 | DFT06T3. | 6 |
| 3.76122R070V | 122 | 130 | 71 | 40 | 145 | 90 | 2.9 | B510S25. | 3.77000R079V | 1 | 3.77000R080V | 1 | DFT06T3. | 6 |
| 3.76130R070V | 130 | 140 | 71 | 40 | 145 | 90 | 3.0 | B510S25. | 3.77000R087V | 1 | 3.77000R088V | 1 | DFT06T3. | 6 |
| 3.76140R080V | 140 | 150 | 81 | 50 | 160 | 100 | 4.3 | B510S25. | 3.77000R077V | 1 | 3.77000R078V | 1 | DFT0704. | 6 |
| 3.76150R080V | 150 | 158 | 81 | 50 | 160 | 100 | 4.5 | B510S25. | 3.77000R075V | 1 | 3.77000R076V | 1 | DFT0704. | 6 |
| 3.76158R080V | 158 | 162 | 81 | 50 | 160 | 100 | 4.5 | B510S25. | 3.77000R073V | 1 | 3.77000R074V | 1 | DFT0704. | 6 |
| 3.76162R080V | 162 | 170 | 80 | 50 | 160 | 100 | 4.5 | B510S30. | 3.77000R048V | 1 | 3.77000R049V | 1 | DFT0704. | 6 |
| 3.76180R110 | 180 | 186 | 110 | 60 | 185 | 125 | 6.0 | B510S30. | 3.77000R030V | 3 | 3.77000R031V | 1 | DFT06T3. | 8 |
| 3.76195R110 | 195 | 201 | 110 | 60 | 185 | 125 | 6.5 | B510S30. | 3.77000R081V | 3 | 3.77000R082V | 1 | DFT05T3. | 12 |
| 3.76213R125 | 213 | 220 | 125 | 60 | 200 | 125 | 7.5 | B510S30. | 3.77000R083V | 3 | 3.77000R084V | 1 | DFT06T3. | 12 |
| 3.76230R160 | 230 | 240 | 160 | 80 | 230 | 150 | 8.5 | B510S30. | 3.77000R079V | 2 | 3.77000R080V | 2 | DFT06T3. | 12 |
| 3.76260R160 * | 260 | 270 | 160 | 80 | 230 | 150 | 9.0 | B510S30. | 3.77000R077V | 2 | 3.77000R078V | 2 | DFT06T3. | 12 |

LET OP: *Standaard te bestellen. Standaard prijzen, standaard levertijden en kleine bestelhoeveelheden.
n: aantal benodigde cassettes per kop.
ni: aantal benodigde wisselplaten per kop.

Wisselplaatboren

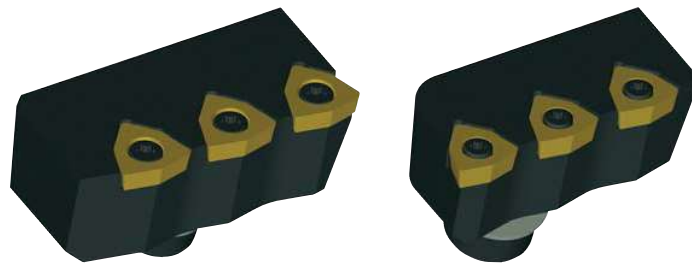
- De kop wordt geleverd met klem- en stelschroeven.
- Bestel de centerboor apart; zie pagina J76.
- Bestel de cassettes apart; zie pagina J74–J75.


HTS instelbare koppen • DFT™ en SPHX wisselplaten

| Catalogus nummer | D1 | D1 max | Pilot boor | Binnencassette | | Binnen cassette 2 | | Wisselplaat | | Buitencassette SPHX | | Wisselplaat | |
|------------------|-----|--------|------------|----------------|---|-------------------|---|-------------|----|---------------------|----|-------------|----|
| | | | | n | | n | | n | ni | n | ni | n | ni |
| 3.76045R028V | 45 | 50 | B510S08. | 3.77000R250V | 1 | — | — | DFT0303. | 3 | 3.77000R251V | 1 | SPHX0703. | 1 |
| 3.76050R028V | 50 | 55 | B510S08. | 3.77000R252V | 1 | — | — | DFT0303. | 3 | 3.77000R253V | 1 | SPHX0703. | 1 |
| 3.76055R032V | 55 | 58 | B510S08. | 3.77000R038V | 1 | — | — | DFT05T3. | 3 | 3.77000R239V | 1 | SPHX0903. | 1 |
| 3.76058R032V | 58 | 63 | B510S10. | 3.77000R023V | 1 | — | — | DFT05T3. | 3 | 3.77000R224V | 1 | SPHX0903. | 1 |
| 3.76063R032V | 63 | 68 | B510S10. | 3.77000R025V | 1 | — | — | DFT05T3. | 3 | 3.77000R224V | 1 | SPHX0903. | 1 |
| 3.76063R040V | 63 | 68 | B510S10. | 3.77000R025V | 1 | — | — | DFT05T3. | 3 | 3.77000R224V | 1 | SPHX0903. | 1 |
| 3.76068R040V | 68 | 73 | B510S10. | 3.77000R026V | 1 | — | — | DFT05T3. | 3 | 3.77000R227V | 1 | SPHX0903. | 1 |
| 3.76073R040V | 73 | 78 | B510S15. | 3.77000R026V | 1 | — | — | DFT05T3. | 3 | 3.77000R227V | 1 | SPHX0903. | 1 |
| 3.76078R040V | 78 | 84 | B510S15. | 3.77000R028V | 1 | — | — | DFT06T3. | 3 | 3.77000R229V | 1 | SPHX0903. | 1 |
| 3.76078R048V | 78 | 84 | B510S15. | 3.77000R028V | 1 | — | — | DFT06T3. | 3 | 3.77000R229V | 1 | SPHX0903. | 1 |
| 3.76084R048V | 84 | 90 | B510S15. | 3.77000R228V | 1 | — | — | DFT06T3. | 3 | 3.77000R229V | 1 | SPHX0903. | 1 |
| 3.76090R048V | 90 | 96 | B510S15. | 3.77000R230V | 1 | — | — | DFT06T3. | 3 | 3.77000R231V | 1 | SPHX0903. | 1 |
| 3.76096R048V | 96 | 102 | B510S20. | 3.77000R230V | 1 | — | — | DFT06T3. | 3 | 3.77000R231V | 1 | SPHX0903. | 1 |
| 3.76096R058V | 96 | 102 | B510S20. | 3.77000R230V | 1 | — | — | DFT06T3. | 3 | 3.77000R231V | 1 | SPHX0903. | 1 |
| 3.76102R058V | 102 | 108 | B510S20. | 3.77000R081V | 1 | — | — | DFT05T3. | 5 | 3.77000R282V | 1 | SPHX0903. | 1 |
| 3.76108R058V | 108 | 115 | B510S20. | 3.77000R083V | 1 | — | — | DFT06T3. | 5 | 3.77000R284V | 1 | SPHX1204. | 1 |
| 3.76115R070V | 115 | 122 | B510S20. | 3.77000R085V | 1 | — | — | DFT06T3. | 5 | 3.77000R286V | 1 | SPHX1204. | 1 |
| 3.76122R070V | 122 | 130 | B510S25. | 3.77000R079V | 1 | — | — | DFT06T3. | 5 | 3.77000R280V | 1 | SPHX1204. | 1 |
| 3.76130R070V | 130 | 140 | B510S25. | 3.77000R087V | 1 | — | — | DFT06T3. | 5 | 3.77000R288V | 1 | SPHX1204. | 1 |
| 3.76140R080V | 140 | 150 | B510S25. | 3.77000R077V | 1 | — | — | DFT0704. | 5 | 3.77000R278V | 1 | SPHX1505. | 1 |
| 3.76150R080V | 150 | 158 | B510S25. | 3.77000R075V | 1 | — | — | DFT0704. | 5 | 3.77000R276V | 1 | SPHX1204. | 1 |
| 3.76158R080V | 158 | 162 | B510S25. | 3.77000R073V | 1 | — | — | DFT0704. | 5 | 3.77000R274V | 1 | SPHX1204. | 1 |
| 3.76162R080V | 162 | 170 | B510S30. | 3.77000R248V | 1 | — | — | DFT0704. | 5 | 3.77000R249V | 1 | SPHX1505. | 1 |
| 3.76180R110 | 180 | 186 | B510S30. | 3.77000R230V | 3 | — | — | DFT06T3. | 7 | 3.77000R231V | 1 | SPHX0903. | 1 |
| 3.76195R110 | 195 | 201 | B510S30. | 3.77000R081V | 3 | — | — | DFT05T3. | 11 | 3.77000R282V | 1 | SPHX0903. | 1 |
| 3.76213R125 | 213 | 220 | B510S30. | 3.77000R083V | 3 | — | — | DFT06T3. | 11 | 3.77000R284V | 1 | SPHX1204. | 1 |
| 3.76230R160 | 230 | 240 | B510S30. | 3.77000R079V | 2 | 3.77000R080V | 1 | DFT06T3. | 11 | 3.77000R280V | 1 | SPHX1204. | 1 |
| 3.76260R160 * | 260 | 270 | B510S30. | — | 2 | — | — | DFT06T3. | 11 | 3.77000R078V | 1 | SPHX1204. | 1 |

LET OP: *Standaard te bestellen. Standaard prijzen, standaard levertijden en kleine bestelhoeveelheden.
 n: aantal benodigde cassettes per kop.
 ni: aantal benodigde wisselplaten per kop.

Wisselplaatboren



HTS binnen en buiten cassettes • DFT™ wisselplaten

Wisselplaatboren



| Catalogus nummer | Wisselplaat | Aantal wisselplaten | Wisselplaat schroef | Cassette schroef | Ring | Nm | ft. lbs. |
|------------------|-------------|---------------------|---------------------|------------------|---------|------|----------|
| 3.77000R023V | DFT05T3.. | 2 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R024V | DFT05T3.. | 2 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R025V | DFT05T3.. | 2 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R026V | DFT05T3.. | 2 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R027V | DFT05T3.. | 2 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R028V | DFT06T3.. | 2 | 191.848 | 129.612 | 192.111 | 10,0 | 7.38 |
| 3.77000R029V | DFT06T3.. | 2 | 191.848 | 129.612 | 192.111 | 10,0 | 7.38 |
| 3.77000R030V | DFT06T3.. | 2 | 191.848 | 129.616 | 192.111 | 10,0 | 7.38 |
| 3.77000R031V | DFT06T3.. | 2 | 191.848 | 129.616 | 192.111 | 10,0 | 7.38 |
| 3.77000R038V | DFT05T3.. | 2 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R039V | DFT05T3.. | 2 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R048V | DFT0704.. | 3 | 191.698 | 125.830 | 192.112 | 35,0 | 25.81 |
| 3.77000R049V | DFT0704.. | 3 | 191.698 | 125.830 | 192.112 | 35,0 | 25.81 |
| 3.77000R050V | DFT0303.. | 2 | 192.432 | 192.592 | 192.902 | 5,0 | 3.69 |
| 3.77000R051V | DFT0303.. | 2 | 192.432 | 192.592 | 192.902 | 5,0 | 3.69 |
| 3.77000R052V | DFT0303.. | 2 | 192.432 | 192.592 | 192.902 | 5,0 | 3.69 |
| 3.77000R053V | DFT0303.. | 2 | 192.432 | 192.592 | 192.902 | 5,0 | 3.69 |
| 3.77000R073V | DFT0704.. | 3 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R074V | DFT0704.. | 3 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R075V | DFT0704.. | 3 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R076V | DFT0704.. | 3 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R077V | DFT0704.. | 3 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R078V | DFT0704.. | 3 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R079V | DFT06T3.. | 3 | 191.848 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R080V | DFT06T3.. | 3 | 191.848 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R081V | DFT05T3.. | 3 | 191.924 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R082V | DFT05T3.. | 3 | 191.924 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R083V | DFT06T3.. | 3 | 191.848 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R084V | DFT06T3.. | 3 | 191.848 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R085V | DFT06T3.. | 3 | 191.848 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R086V | DFT06T3.. | 3 | 191.848 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R087V | DFT06T3.. | 3 | 191.848 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R088V | DFT06T3.. | 3 | 191.848 | 125.820 | 192.112 | 35,0 | 25.81 |



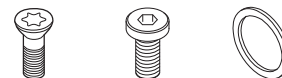
■ HTS binnen cassette voor finishen • Voor gebruik met buiten cassettes, uitgerust met SPHX wisselplaten



| Catalogus nummer | Wisselplaat | Aantal wisselplaten | Wisselplaat schroef | Sluitering | Nm | ft. lbs. |
|------------------|-------------|---------------------|---------------------|------------|------|----------|
| 3.77000R228V | DFT06T3.. | 2 | 191.848 | 192.111 | 10,0 | 7.38 |
| 3.77000R230V | DFT06T3.. | 2 | 191.848 | 192.111 | 10,0 | 7.38 |
| 3.77000R248V | DFT0704.. | 3 | 191.698 | 192.112 | 35,0 | 25.81 |
| 3.77000R250V | DFT0303.. | 2 | 192.432 | 192.902 | 5,0 | 3.69 |
| 3.77000R252V | DFT0303.. | 2 | 192.432 | 192.902 | 5,0 | 3.69 |

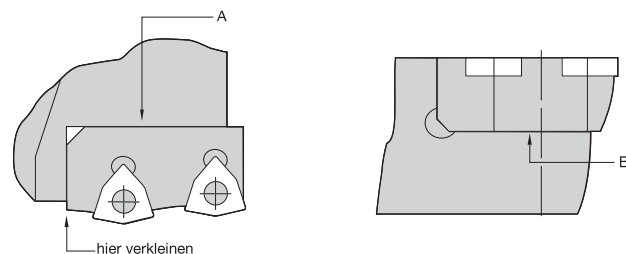
LET OP: Aangepaste binnen cassettes, uitsluitend voor gebruik met SPHX-uitgeruste buiten cassettes.

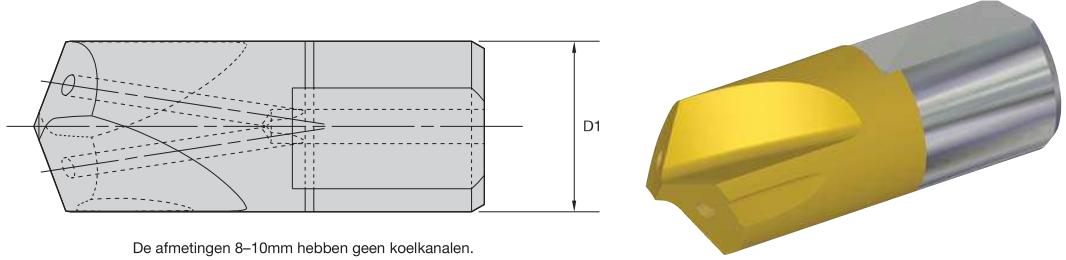
■ HTS buiten cassettes voor finishen • SPHX wisselplaten



| Catalogus nummer | Binnen wisselplaat | Aantal wisselplaten | Buiten wisselplaat | Aantal wisselplaten | Wisselplaat schroef | Schroef | Sluitering | Nm | ft. lbs. |
|------------------|--------------------|---------------------|--------------------|---------------------|---------------------|---------|------------|------|----------|
| 3.77000R224V | DFT05T3.. | 2 | SPHX0903.. | 1 | 191.924 | 193.451 | 192.903 | 5,0 | 3.69 |
| 3.77000R227V | DFT05T3.. | 2 | SPHX0903.. | 1 | 191.924 | 192.593 | 192.903 | 5,0 | 3.69 |
| 3.77000R229V | DFT06T3.. | 2 | SPHX0903.. | 1 | 191.916 | 129.612 | 192.111 | 10,0 | 7.38 |
| 3.77000R231V | DFT06T3.. | 2 | SPHX0903.. | 1 | 191.916 | 129.616 | 192.111 | 10,0 | 7.38 |
| 3.77000R239V | DFT05T3.. | 2 | SPHX0903.. | 1 | 191.924 | 193.451 | 192.903 | 5,0 | 3.69 |
| 3.77000R249V | DFT0704.. | 3 | SPHX1505.. | 1 | 191.698 | 125.830 | 192.112 | 35,0 | 25.81 |
| 3.77000R251V | DFT0303.. | 2 | SPHX0703.. | 1 | 192.432 | 193.450 | 192.902 | 5,0 | 3.69 |
| 3.77000R253V | DFT0303.. | 2 | SPHX0703.. | 1 | 192.432 | 193.450 | 192.902 | 5,0 | 3.69 |
| 3.77000R274V | DFT0704.. | 3 | SPHX1505.. | 1 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R276V | DFT0704.. | 3 | SPHX1505.. | 1 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R278V | DFT0704.. | 3 | SPHX1505.. | 1 | 191.698 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R280V | DFT06T3.. | 3 | SPHX1204.. | 1 | 191.916 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R282V | DFT05T3.. | 3 | SPHX0903.. | 1 | 191.924 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R284V | DFT06T3.. | 3 | SPHX1204.. | 1 | 191.916 | 125.820 | 192.112 | 35,0 | 25.81 |
| 3.77000R286V | DFT06T3.. | 3 | SPHX1204.. | 1 | 191.916 | — | 192.112 | 35,0 | 25.81 |
| 3.77000R288V | DFT06T3.. | 3 | SPHX1204.. | 1 | 191.916 | 125.820 | 192.112 | 35,0 | 25.81 |

- Wijzig de boordiameter door inkorten van de cassette.
- Op 90° inkorten naar het aanlegvlak A en het steunvlak B.
- Inkorten verkleint de effectieve boordiameter met 2x de verwijderde hoeveelheid.

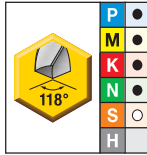




De afmetingen 8–10mm hebben geen koelkanalen.

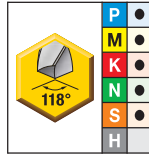
HTS DFT™ • Pilot boren

Wisselplaatboren



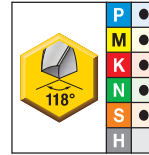
Ongecoat HSS

A30



Gecoat HSS

AS3

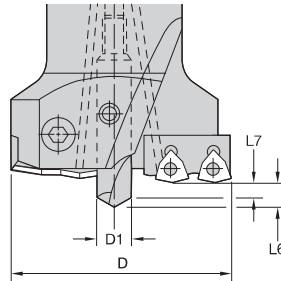


Volhardmetaal

KC7315

- eerste keuze
- alternatieve keuze

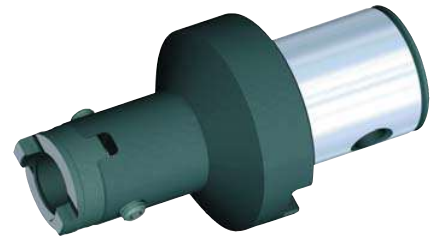
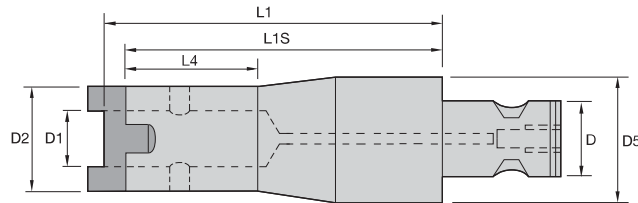
| A30 | | AS3 | | KC7315 | | D1 |
|----------------|--|----------------|--|-------------------|--|-------|
| B510S08000 A30 | | B510S08000 AS3 | | B511S08000 KC7315 | | 8,00 |
| B510S10000 A30 | | B510S10000 AS3 | | B511S10000 KC7315 | | 10,00 |
| B510S15000 A30 | | B510S15000 AS3 | | B511S15000 KC7315 | | 15,00 |
| B510S20000 A30 | | B510S20000 AS3 | | B511S20000 KC7315 | | 20,00 |
| B510S25000 A30 | | B510S25000 AS3 | | B511S25000 KC7315 | | 25,00 |
| B510S30000 A30 | | B510S30000 AS3 | | B511S30000 KC7315 | | 30,00 |



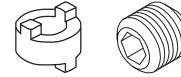
Afstel lengtes van pilotboren

| D1 | | 2-4 x D | | | | 4-6 x D | | | | > 6 x D | | | |
|-------|-------|---------|------|------|------|---------|------|------|------|---------|------|------|------|
| | | L6 | | L7 | | L6 | | L7 | | L6 | | L7 | |
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| 8,00 | .315 | 3,00 | .118 | 0,80 | .032 | 3,40 | .134 | 1,20 | .047 | 3,80 | .150 | 1,60 | .063 |
| 10,00 | .394 | 4,00 | .158 | 1,30 | .051 | 4,30 | .169 | 1,60 | .063 | 4,60 | .181 | 1,90 | .075 |
| 15,00 | .591 | 6,20 | .244 | 2,10 | .083 | 6,50 | .256 | 2,40 | .095 | 6,80 | .268 | 2,70 | .106 |
| 20,00 | .787 | 8,10 | .319 | 2,60 | .102 | 8,40 | .331 | 2,90 | .114 | 8,70 | .343 | 3,20 | .126 |
| 25,00 | .984 | 10,50 | .413 | 3,50 | .138 | 7,40 | .429 | 3,90 | .154 | 11,30 | .445 | 4,30 | .169 |
| 30,00 | 1.181 | 12,30 | .484 | 4,10 | .158 | 12,80 | .504 | 4,50 | .177 | 13,20 | .520 | 5,00 | .197 |

- Reduceerstukken worden geleverd met meeneemring en klemschroeven.



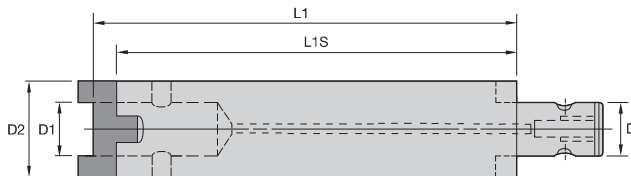
Verloopstukken



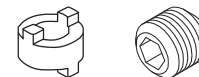
| Catalogus nummer | D1 | D | D2 | D5 | L1 | L1S | L4 | Meeneemring | | Nm | ft. lbs. |
|------------------|--------------|--------------|------|------|-------|-------|------|-------------|-------------|------|----------|
| | Aansluit afm | Aansluit afm | | | | | | ring | Klemschroef | | |
| 5.34280R028080 | 13B | 50 | 27,6 | 80,0 | 90,0 | 80,0 | 50,0 | 192.419 | 192.156 | 10,2 | 7.5 |
| 5.34280R032080 | 16 | 50 | 31,6 | 80,0 | 90,0 | 80,0 | 55,0 | 192.420 | 192.156 | 10,2 | 7.5 |
| 5.34280R040080 | 22 | 50 | 39,6 | 80,0 | 92,0 | 80,0 | 57,0 | 192.421 | 192.157 | 16,3 | 12,0 |
| 5.34280R048080 | 27 | 50 | 47,6 | 80,0 | 92,0 | 80,0 | 57,0 | 192.422 | 191.727 | 20,3 | 15,0 |
| 5.34280R058080 | 32 | 50 | 57,6 | 80,0 | 93,9 | 80,0 | 58,9 | 192.423 | 191.727 | 20,3 | 15,0 |
| 5.34240R032100 | 16 | 22 | 31,6 | 40,0 | 110,0 | 100,0 | 55,0 | 192.420 | 192.156 | 10,2 | 7.5 |
| 5.34248R040100 | 22 | 27 | 39,6 | 48,0 | 112,0 | 100,0 | 57,0 | 192.421 | 192.157 | 16,3 | 12,0 |
| 5.34258R048100 | 27 | 32 | 47,6 | 58,0 | 112,0 | 100,0 | 57,0 | 192.422 | 191.727 | 20,3 | 15,0 |
| 5.34270R058100 | 32 | 40 | 57,6 | 70,0 | 113,9 | 100,0 | 58,9 | 192.423 | 191.727 | 20,3 | 15,0 |
| 5.34280R070150 | 40 | 50 | 69,6 | 80,0 | 163,9 | 150,0 | 68,9 | 192.424 | 191.728 | 33,9 | 25,0 |

LET OP: Monteer de onderdelen met het aanbevolen koppel.

- Verlengstukken worden geleverd met meeneemring en klemschroeven.



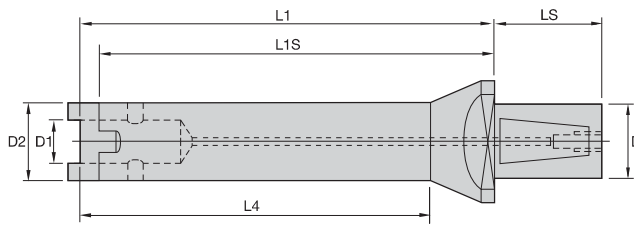
Verlengstukken



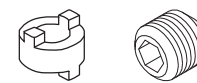
| Catalogus nummer | D1 | D | D2 | L1 | L1S | Meeneemring | | Nm | ft. lbs. |
|------------------|--------------|--------------|------|-------|-------|-------------|-------------|------|----------|
| | Aansluit afm | Aansluit afm | | | | ring | Klemschroef | | |
| 5.34132R032100 | 16 | 16 | 32,0 | 110,0 | 100,0 | 192.420 | 192.156 | 10,2 | 7.5 |
| 5.34125R025150 | 13A | 13A | 25,0 | 160,0 | 150,0 | 193.371 | 193.372 | 10,2 | 7.5 |
| 5.34128R028150 | 13B | 13B | 28,0 | 160,0 | 150,0 | 192.419 | 192.156 | 10,2 | 7.5 |
| 5.34170R070186 | 40 | 40 | 70,0 | 200,0 | 186,0 | 192.424 | 191.728 | 33,9 | 25,0 |
| 5.34132R032200 | 16 | 16 | 32,0 | 210,0 | 200,0 | 192.420 | 192.156 | 10,2 | 7.5 |
| 5.34140R040200 | 22 | 22 | 40,0 | 212,0 | 200,0 | 192.421 | 192.157 | 16,3 | 12,0 |
| 5.34148R048200 | 27 | 27 | 48,0 | 212,0 | 200,0 | 192.422 | 191.727 | 20,3 | 15,0 |
| 5.34180R080204 | 50 | 50 | 80,0 | 220,0 | 204,0 | 192.425 | 191.728 | 33,9 | 25,0 |
| 5.34158R058300 | 32 | 32 | 58,0 | 314,0 | 300,0 | 192.423 | 191.727 | 33,9 | 25,0 |
| 5.34170R070300 | 40 | 40 | 70,0 | 314,0 | 300,0 | 192.424 | 191.728 | 33,9 | 25,0 |
| 5.34180R080300 | 50 | 50 | 80,0 | 316,0 | 300,0 | 192.425 | 191.728 | 33,9 | 25,0 |
| 5.34170R070500 | 40 | 40 | 70,0 | 514,0 | 500,0 | 192.424 | 191.728 | 33,9 | 25,0 |
| 5.34180R080500 | 50 | 50 | 80,0 | 516,0 | 500,0 | 192.425 | 191.728 | 33,9 | 25,0 |

LET OP: Monteer de onderdelen met het aanbevolen koppel.

- Schachten worden geleverd met meeneemring en klemmschroeven.



■ WN/WD basis schacht • Metrisch

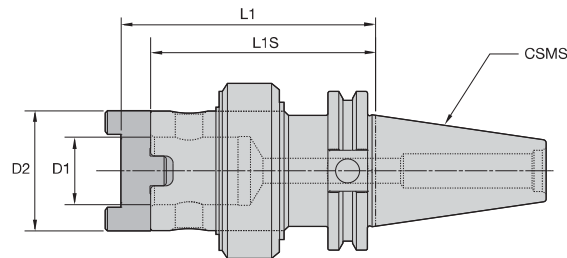


Wisselplaatboren

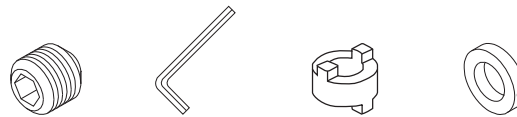
| Catalogus nummer | Aansluit afm | D | D2 | L1 | L1S | L4 | LS | Meeneem ring | Klemmschroef | Nm |
|------------------|--------------|------|------|-------|-------|-------|------|--------------|--------------|------|
| 5.34032-025115 | 13A | 32,0 | 25,0 | 125,0 | 115,0 | 110,0 | 58,0 | 193.371 | 193.372 | 10,2 |
| 5.34032-028115 | 13B | 32,0 | 28,0 | 125,0 | 115,0 | 110,0 | 58,0 | 192.419 | 192.156 | 10,2 |
| 5.34032-032125 | 16 | 32,0 | 32,0 | 135,0 | 125,0 | 120,0 | 58,0 | 192.420 | 192.156 | 10,2 |
| 5.34050-040148 | 22 | 50,0 | 40,0 | 160,0 | 148,0 | 140,0 | 68,0 | 192.421 | 192.157 | 16,3 |
| 5.34050-048168 | 27 | 50,0 | 48,0 | 175,0 | 168,0 | 160,0 | 68,0 | 192.422 | 191.727 | 20,3 |
| 5.34050-058186 | 32 | 50,0 | 58,0 | 200,0 | 186,0 | 180,0 | 68,0 | 192.423 | 191.727 | 20,3 |
| 5.34032-025200 | 13A | 32,0 | 25,0 | 210,0 | 200,0 | 195,0 | 58,0 | 193.371 | 193.372 | 10,2 |
| 5.34032-028200 | 13B | 32,0 | 28,0 | 210,0 | 200,0 | 195,0 | 58,0 | 192.419 | 192.156 | 10,2 |
| 5.34050-032200 | 16 | 50,0 | 32,0 | 210,0 | 200,0 | 165,0 | 68,0 | 192.420 | 192.156 | 10,2 |
| 5.34050-025300 | 13A | 50,0 | 25,0 | 310,0 | 300,0 | 270,0 | 68,0 | 193.371 | 193.372 | 10,2 |
| 5.34050-028300 | 13B | 50,0 | 28,0 | 310,0 | 300,0 | 265,0 | 68,0 | 192.419 | 192.156 | 10,2 |
| 5.34050-040300 | 22 | 50,0 | 40,0 | 312,0 | 300,0 | 267,0 | 68,0 | 192.421 | 192.157 | 10,2 |
| 5.34050-048300 | 27 | 50,0 | 48,0 | 312,0 | 300,0 | 267,0 | 68,0 | 192.422 | 191.727 | 16,3 |
| 5.34050-058300 | 32 | 50,0 | 58,0 | 314,0 | 300,0 | 254,0 | 68,0 | 192.423 | 191.727 | 20,3 |
| 5.34050-032350 | 16 | 50,0 | 32,0 | 360,0 | 350,0 | 315,0 | 68,0 | 192.420 | 192.156 | 10,2 |
| 5.34050-025450 | 13A | 50,0 | 25,0 | 460,0 | 450,0 | 420,0 | 68,0 | 193.371 | 193.372 | 10,2 |
| 5.34050-028450 | 13B | 50,0 | 28,0 | 460,0 | 450,0 | 415,0 | 68,0 | 192.419 | 192.156 | 10,2 |
| 5.34050-040450 | 22 | 50,0 | 40,0 | 462,0 | 450,0 | 417,0 | 68,0 | 192.421 | 192.157 | 10,2 |
| 5.34050-048450 | 27 | 50,0 | 48,0 | 462,0 | 450,0 | 417,0 | 68,0 | 192.422 | 191.727 | 16,3 |
| 5.34050-058450 | 32 | 50,0 | 58,0 | 464,0 | 450,0 | 404,0 | 68,0 | 192.423 | 191.727 | 20,3 |
| 5.34050-032500 | 16 | 50,0 | 32,0 | 510,0 | 500,0 | 465,0 | 68,0 | 192.420 | 192.156 | 10,2 |
| 5.34050-040600 | 22 | 50,0 | 40,0 | 612,0 | 600,0 | 567,0 | 68,0 | 192.422 | 192.157 | 10,2 |
| 5.34050-048600 | 27 | 50,0 | 48,0 | 612,0 | 600,0 | 567,0 | 68,0 | 192.422 | 191.727 | 16,3 |
| 5.34050-058600 | 32 | 50,0 | 58,0 | 614,0 | 600,0 | 554,0 | 68,0 | 192.423 | 191.727 | 20,3 |

LET OP: Monteer de onderdelen met het aanbevolen koppel.

- Schachten worden geleverd met meeneemring en klemschroeven.



■ CV conische schacht • Uitvoering AD • Roterende koelmiddel ring

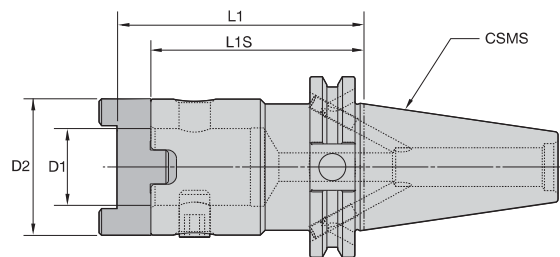


| Catalogus nummer | CSMS systeem grootte | Aansluit afm | Klemschroef | Zeskant sleutel | Meeneem ring | Koelmiddel ring | ft. lbs. |
|-------------------|----------------------|--------------|-------------|-----------------|--------------|-----------------|----------|
| CV50RMHTS13M394 | CV50 | 13B | 192.156 | 170.004 | 192.419 | 302.011 | 7.5 |
| CV50RMHTS16M394 | CV50 | 16 | 192.156 | 170.004 | 192.420 | 302.011 | 7.5 |
| CV50RMHTS22M394 | CV50 | 22 | 192.157 | 170.004 | 192.421 | 302.011 | 12.0 |
| CV50RMHTS27M394 | CV50 | 27 | 191.727 | 170.006 | 192.422 | 302.011 | 15.0 |
| CV50RMHTS32M394 * | CV50 | 32 | 191.727 | 170.006 | 192.423 | 302.011 | 15.0 |
| CV50RMHTS40M413 | CV50 | 40 | 191.728 | 170.008 | 192.424 | 302.009 | 26.0 |
| CV50RMHTS50M413 | CV50 | 50 | 191.728 | 170.008 | 192.425 | 302.010 | 26.0 |

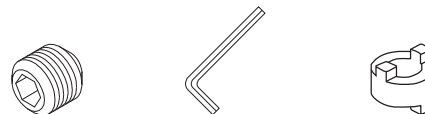
LET OP: Monteer de onderdelen met het aanbevolen koppel.

*Standaard te bestellen. Standaard prijzen, standaard levertijden en kleine bestelhoeveelheden.

- Schachten worden geleverd met meeneemring en klemschroeven.



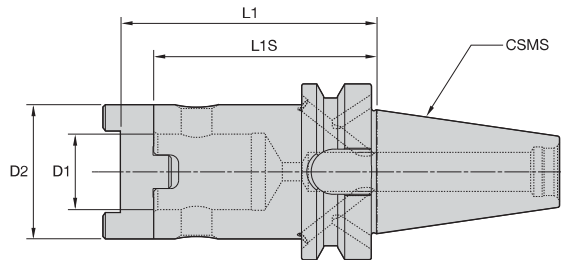
■ CV conische schacht • Uitvoering B/AD met koelkanalen



| Catalogus nummer | CSMS systeem grootte | Aansluit afm | Klemschroef | Zeskant sleutel | Meeneem ring | ft. lbs. |
|------------------|----------------------|--------------|-------------|-----------------|--------------|----------|
| CV50BHTS13M295 | CV50 | 13B | 192.156 | 170.004 | 192.419 | 7.5 |
| CV50BHTS16M295 | CV50 | 16 | 192.156 | 170.004 | 192.420 | 7.5 |
| CV50BHTS22M295 | CV50 | 22 | 192.157 | 170.004 | 192.421 | 12.0 |
| CV50BHTS27M295 | CV50 | 27 | 191.727 | 170.006 | 192.422 | 15.0 |
| CV50BHTS32M314 | CV50 | 32 | 191.727 | 170.006 | 192.423 | 15.0 |
| CV50BHTS40M314 | CV50 | 40 | 191.728 | 170.008 | 192.424 | 26.0 |
| CV50BHTS50M314 | CV50 | 50 | 191.728 | 170.008 | 192.425 | 26.0 |

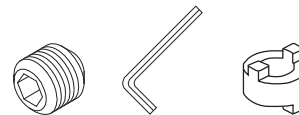
LET OP: Monteer de onderdelen met het aanbevolen koppel.

- Schachten worden geleverd met meeneemring en klemmschroeven.



■ BT conische schacht • Uitvoering B/AD met koelkanalen

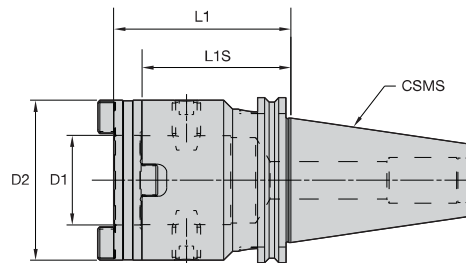
Wisselplaatboren



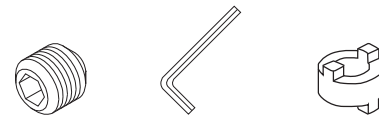
| Catalogus nummer | CSMS systeem grootte | D1 Aansluit afm | D2 | L1 | L1S | Klemschroef | Zeskant sleutel | Meeneem ring | Nm | ft. lbs. |
|------------------|----------------------|-----------------|------|------|------|-------------|-----------------|--------------|------|----------|
| BT50BHTS22075M | BT50 | 22 | 40,0 | 87,0 | 75,0 | 192.157 | 170.005 | 192.421 | 16,0 | 12,0 |
| BT50BHTS32080M | BT50 | 32 | 58,0 | 94,0 | 80,0 | MS1276 | 170.006 | 192.423 | 20,0 | 15,0 |
| BT50BHTS40080M | BT50 | 40 | 70,0 | 94,0 | 80,0 | 191.728 | 170.008 | 192.424 | 34,0 | 26,0 |
| BT50BHTS50080M | BT50 | 50 | 80,0 | 96,0 | 80,0 | 191.728 | 170.008 | 192.425 | 34,0 | 26,0 |

LET OP: Monteer de onderdelen met het aanbevolen koppel.

- Schachten worden geleverd met meeneemring en klemmschroeven.



■ DV conische schacht • Uitvoering B/AD met koelkanalen

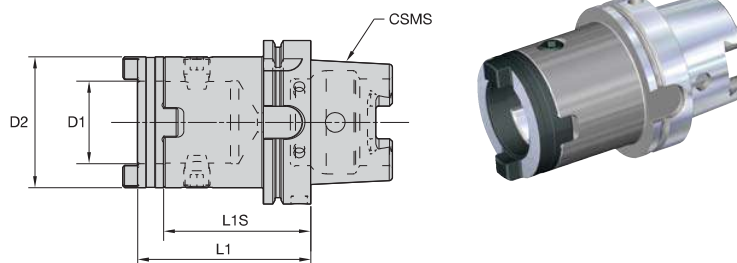


| Catalogus nummer | CSMS systeem grootte | D1 Aansluit afm | D2 | L1 | L1S | Klemschroef | Zeskant sleutel | Meeneem ring |
|------------------|----------------------|-----------------|------|-------|------|-------------|-----------------|--------------|
| 5.36050-154040 | DV50 | 40 | 70,0 | 100,0 | 84,0 | 191.728 | 170.008 | 192.424 |
| 5.36050-154050 | DV50 | 50 | 90,0 | 100,0 | 84,0 | 191.729 | 170.008 | 192.426 |

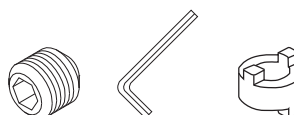
LET OP: Monteer de onderdelen met het aanbevolen koppel.

| | | | | | | | | |
|--|---------|--|----|--------------|-------|--|--|--|
| | Form AD | | | | | | | |
| | Form B | | | | | | | |
| | | | 40 | (2x) MS2221S | 2,5mm | | | |
| | | | 50 | (2x) MS1296S | 3mm | | | |

- Schachten worden geleverd met meeneemring en klenschroeven.



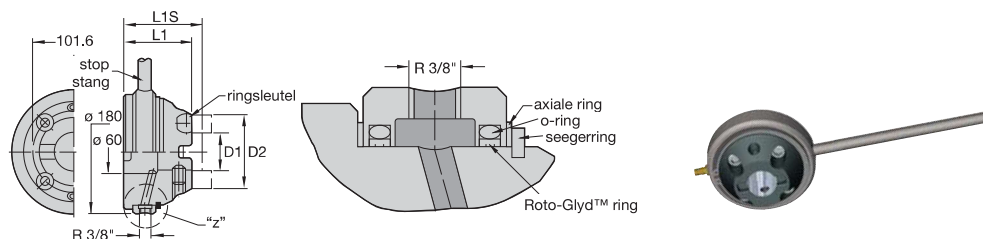
■ HSK100A conische schacht



| Catalogus nummer | CSMS systeem grootte | Aansluit afm | D2 | L1 | L1S | Klenschroef | Zeskant sleutel | Meeneem ring | Nm | ft. lbs. |
|------------------|----------------------|--------------|------|-------|------|-------------|-----------------|--------------|------|----------|
| HSK100AHTS40085M | HSK100A | 40 | 70,0 | 99,0 | 85,0 | 191.728 | 170.008 | 192.424 | 35,0 | 25.0 |
| HSK100AHTS50090M | HSK100A | 50 | 80,0 | 106,0 | 90,0 | 191.728 | 170.008 | 192.425 | 35,0 | 25.0 |

LET OP: Monteer de onderdelen met het aanbevolen koppel.

- Schachten worden geleverd met meeneemring en klenschroeven.



■ Flens opname (met meeneemring)

| Catalogus nummer | D1 |
|------------------|-------|
| 5.34350-090100 | 50,00 |

LET OP: De opname bevat alle afgebeelde onderdelen, behalve de nippel. De nippel moet apart worden besteld. De nippel is vervaardigd met een vooraf bepaald breekpunt voor veiligheids doeleinden. Het maximum toerental is 1500. De maximum druk is 72 psi of 5 bar.

■ Reserve onderdelen

| Meeneem ring | Klenschroef | Koelmiddel ring | O-ring | Seegerring | Axiale sluitring | Roto Glyd ring | Stop as | Nippel |
|--------------|-------------|-----------------|---------|------------|------------------|----------------|---------|---------|
| 192.426 | 191.729 | 302.014 | 192.731 | 192.126 | 192.158 | 192.730 | 460.716 | 192.759 |

■ HTS DFT™ • Metrisch

Wisselplaatboren

| Metrisch | | | | | | | | | | | | | |
|-----------------|----------|---------|-----------|------------------|---------------|--------------|-----|-------------------------------------|---------------------------|---------------------------|----------------------------|-----------------------------|-----------|
| Materiaal groep | Conditie | Zitting | Geometrie | Hardmetaal-soort | Snij snelheid | | | Aanbevolen voeding (f) per diameter | | | | | |
| | | | | | Vc m/min | | | Ø | DFT03... 45,00-55,00mm | DFT05... 55,00-78,00mm | DFT06... 78,00-140,00mm | DFT07... 140,00-270,00mm | |
| | | | | | Min | Start waarde | Max | | | | | | |
| P | 1 | S | O | MD | KCU25 | 94 | 190 | 229 | mm/ omw | 0,06-0,10 | 0,08-0,12 | 0,10-0,14 | 0,13-0,19 |
| | | | I | MD | KCU40 | | | | | | | | |
| | | U | O | MD | KCU40 | 71 | 130 | 171 | mm/ omw | 0,06-0,10 | 0,08-0,12 | 0,10-0,14 | 0,13-0,19 |
| | | | I | MD | KC7140 | | | | | | | | |
| | | I | O | MD | KCU40 | 44 | 80 | 106 | mm/ omw | 0,06-0,10 | 0,08-0,12 | 0,10-0,14 | 0,13-0,19 |
| | | | I | MD | KC7140 | | | | | | | | |
| | 2 | S | O | HP | KCU25 | 94 | 180 | 229 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KCU40 | | | | | | | | |
| | | U | O | HP | KCU40 | 71 | 120 | 171 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KC7140 | | | | | | | | |
| | | I | O | HP | KCU40 | 44 | 70 | 106 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KC7140 | | | | | | | | |
| | 3 | S | O | HP | KCU25 | 70 | 140 | 169 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KCU40 | | | | | | | | |
| | | U | O | HP | KCU40 | 50 | 100 | 121 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KC7140 | | | | | | | | |
| | | I | O | HP | KCU40 | 30 | 60 | 72 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KC7140 | | | | | | | | |
| | 4 | S | O | HP | KCU25 | 94 | 120 | 229 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KCU40 | | | | | | | | |
| | | U | O | HP | KCU40 | 71 | 100 | 171 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KC7140 | | | | | | | | |
| | | I | O | HP | KCU40 | 44 | 80 | 106 | mm/ omw | 0,10-0,14 | 0,12-0,18 | 0,12-0,18 | 0,12-0,20 |
| | | | I | HP | KC7140 | | | | | | | | |
| 5 | S | O | HP | KCU25 | 78 | 100 | 190 | mm/ omw | 0,05-0,07 | 0,06-0,08 | 0,06-0,10 | 0,08-0,12 | |
| | | I | HP | KCU40 | | | | | | | | | |
| | U | O | HP | KCU40 | 47 | 60 | 114 | mm/ omw | 0,05-0,07 | 0,06-0,08 | 0,06-0,10 | 0,08-0,12 | |
| | | I | HP | KC7140 | | | | | | | | | |
| | I | O | HP | KCU40 | 31 | 40 | 76 | mm/ omw | 0,05-0,07 | 0,06-0,08 | 0,06-0,10 | 0,08-0,12 | |
| | | I | HP | KC7140 | | | | | | | | | |
| 6 | S | O | HP | KCU25 | 74 | 95 | 180 | mm/ omw | 0,04-0,07 | 0,05-0,08 | 0,06-0,10 | 0,08-0,12 | |
| | | I | HP | KCU40 | | | | | | | | | |
| | U | O | HP | KCU40 | 45 | 57 | 108 | mm/ omw | 0,04-0,07 | 0,05-0,08 | 0,06-0,10 | 0,08-0,12 | |
| | | I | HP | KC7140 | | | | | | | | | |
| | I | O | HP | KCU40 | 30 | 38 | 72 | mm/ omw | 0,04-0,07 | 0,05-0,08 | 0,06-0,10 | 0,08-0,12 | |
| | | I | HP | KC7140 | | | | | | | | | |
| M | 1 | S | O | MD | KCU25 | 48 | 110 | 134 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 |
| | | | I | MD | KCU40 | | | | | | | | |
| | | U | O | MD | KCU40 | 31 | 70 | 86 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 |
| | | | I | MD | KC7140 | | | | | | | | |
| | | I | O | MD | KC7140 | 22 | 50 | 61 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 |
| | | | I | MD | KC7140 | | | | | | | | |
| | 2 | S | O | MD | KCU25 | 48 | 99 | 134 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 |
| | | | I | MD | KCU40 | | | | | | | | |
| | | U | O | MD | KCU40 | 31 | 63 | 86 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 |
| | | | I | MD | KC7140 | | | | | | | | |
| | | I | O | MD | KC7140 | 22 | 45 | 61 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 |
| | | | I | MD | KC7140 | | | | | | | | |
| 3 | S | O | MD | KCU25 | 48 | 88 | 134 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 | |
| | | I | MD | KCU40 | | | | | | | | | |
| | U | O | MD | KCU40 | 31 | 56 | 86 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 | |
| | | I | MD | KC7140 | | | | | | | | | |
| | I | O | MD | KC7140 | 22 | 40 | 61 | mm/ omw | 0,07-0,11 | 0,12-0,18 | 0,14-0,20 | 0,16-0,22 | |
| | | I | MD | KC7140 | | | | | | | | | |

Omstandigheden: S = Stabiele omstandigheden;
 U = Instabiele omstandigheden;
 I = Onderbroken snede

Zitting: I = Binnenwisselplaat;
 O = Buitenwisselplaat

■ HTS DFT™ • Metrisch

| Metrisch | | | | | | | | | | | | | | |
|-----------------|----------|---------|-----------|------------------|--------------|--------------|-----|-------------------------------------|---------------------------|---------------------------|----------------------------|-----------------------------|-----------|-----------|
| Materiaal groep | Conditie | Zitting | Geometrie | Hardmetaal-soort | Snijsnelheid | | | Aanbevolen voeding (f) per diameter | | | | | | |
| | | | | | Vc m/min | | | Ø | DFT03... 45,00–55,00mm | DFT05... 55,00–78,00mm | DFT06... 78,00–140,00mm | DFT07... 140,00–270,00mm | | |
| | | | | | Min | Start waarde | Max | | | | | | | |
| K | 1 | S | O | HP | KCPK10 | 94 | 171 | 229 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,17–0,33 | |
| | | | I | HP | KCPK10 | | | | | | | | | |
| | | U | O | HP | KCU25 | 64 | 117 | 156 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,17–0,33 | |
| | I | | HP | KCU25 | | | | | | | | | | |
| | 2 | S | O | HP | KCPK10 | 94 | 162 | 229 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,17–0,33 | |
| | | | I | HP | KCPK10 | | | | | | | | | |
| | | U | O | HP | KCU25 | 64 | 111 | 156 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,17–0,33 | |
| | I | | HP | KCU25 | | | | | | | | | | |
| | N | 1 | S | O | HP | KCU40 | 40 | 72 | 96 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,17–0,33 |
| | | | | I | HP | KCU40 | | | | | | | | |
| | | | U | O | HP | KCU40 | 40 | 68 | 96 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,17–0,33 |
| | | I | | HP | KCU40 | | | | | | | | | |
| 2 | | S | O | HP | KCPK10 | 90 | 146 | 217 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,15–0,31 | |
| | | | I | HP | KCPK10 | | | | | | | | | |
| | | U | O | HP | KCU25 | 59 | 100 | 144 | mm/omw | 0,11–0,20 | 0,13–0,27 | 0,15–0,31 | 0,15–0,31 | |
| I | | | HP | KCU25 | | | | | | | | | | |
| S | | 1 | S | O | ST | KD1425 | 154 | 240 | 358 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 |
| | | | | I | ST | KD1425 | | | | | | | | |
| | | | U | O | HP | KC7140 | 102 | 160 | 239 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 |
| | | I | | HP | KC7140 | | | | | | | | | |
| | 2 | S | O | HP | KC7140 | 67 | 104 | 155 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | |
| | | | I | HP | KC7140 | | | | | | | | | |
| | | U | O | ST | KD1425 | 154 | 223 | 358 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | |
| | I | | ST | KD1425 | | | | | | | | | | |
| | 3 | S | O | HP | KCU40 | 102 | 149 | 239 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | |
| | | | I | HP | KCU40 | | | | | | | | | |
| | | U | O | HP | KCU40 | 67 | 97 | 155 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | |
| | I | | HP | KCU40 | | | | | | | | | | |
| 4 | S | O | ST | KD1425 | 154 | 206 | 358 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | | |
| | | I | ST | KD1425 | | | | | | | | | | |
| | U | O | HP | KCU40 | 102 | 138 | 239 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | | |
| I | | HP | KCU40 | | | | | | | | | | | |
| 5 | S | O | ST | KD1425 | 112 | 220 | 262 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | | |
| | | I | ST | KD1425 | | | | | | | | | | |
| | U | O | HP | KCU40 | 72 | 140 | 167 | mm/omw | 0,06–0,09 | 0,11–0,19 | 0,12–0,20 | 0,14–0,25 | | |
| I | | HP | KCU40 | | | | | | | | | | | |
| S | 1 | S | O | HP | KC7140 | 24 | 40 | 49 | mm/omw | 0,04–0,07 | 0,05–0,08 | 0,07–0,10 | 0,07–0,10 | |
| | | | I | HP | KC7140 | | | | | | | | | |
| | | U | O | HP | KC7140 | 18 | 30 | 37 | mm/omw | 0,04–0,07 | 0,05–0,08 | 0,07–0,10 | 0,07–0,10 | |
| | I | | HP | KC7140 | | | | | | | | | | |
| | 2 | S | O | HP | KC7140 | 25 | 35 | 48 | mm/omw | 0,04–0,07 | 0,05–0,08 | 0,07–0,10 | 0,07–0,10 | |
| | | | I | HP | KC7140 | | | | | | | | | |
| U | | O | HP | KC7140 | 18 | 25 | 34 | mm/omw | 0,04–0,07 | 0,05–0,08 | 0,07–0,10 | 0,07–0,10 | | |
| | I | HP | KC7140 | | | | | | | | | | | |
| 3 | S | O | HP | KC7140 | 14 | 20 | 27 | mm/omw | 0,04–0,07 | 0,05–0,08 | 0,07–0,10 | 0,07–0,10 | | |
| | | I | HP | KC7140 | | | | | | | | | | |
| | U | O | HP | KC7140 | 14 | 20 | 27 | mm/omw | 0,04–0,07 | 0,05–0,08 | 0,07–0,10 | 0,07–0,10 | | |
| I | | HP | KC7140 | | | | | | | | | | | |

Omstandigheden: S = Stabiele omstandigheden;
 U = Instabiele omstandigheden;
 I = Onderbroken snede

Zitting: I = Binnenwisselplaat;
 O = Buitenwisselplaat