

# AKCIJSKA PONUDA

OSIGURAJTE POSEBNE CIJENE SADA



## PRIHVATI ALATA

Prihvati tipova:

SK 40 | SK 50 | BT 40 | BT 50 | HSK 63



**ŠKUTOR d.o.o. Mostar**

**VAŠI IZAZOVI – NAŠA RJEŠENJA**

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CERATIZIT je visokotehnološka inženjerska grupa specijalizirana za rezne alate i rješenja od tvrdog materijala.

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## Pregled sadržaja – prihvati alata, rotirajući

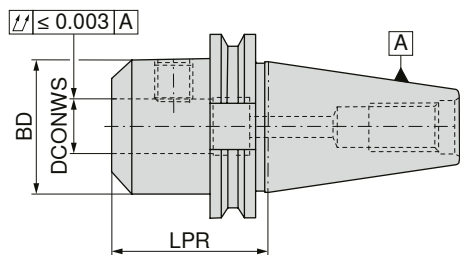
|                                     |                                                                                     |                   |  \ Standard                     |                                                                                                                         |                                                                                                                             |
|-------------------------------------|-------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Tip prihvata                        |                                                                                     |                   | <br>ISO 7388-1<br>SK<br>Stranica | <br>ISO 7388-2<br>MAS-BT<br>Stranica | <br>ISO 12164<br>HSK oblik A<br>Stranica |
| Zylinderschaftaufnahme (Weldon)     |    | Kratki            | 3                                                                                                                  | 13                                                                                                                      | 22                                                                                                                          |
|                                     |                                                                                     | Dugački           | 3                                                                                                                  |                                                                                                                         | 22                                                                                                                          |
| Termoskupljajući prihvati           |    | Kratki            | 4                                                                                                                  | 14                                                                                                                      | 23                                                                                                                          |
|                                     |                                                                                     | Dugački           | 4                                                                                                                  |                                                                                                                         | 23                                                                                                                          |
|                                     |                                                                                     | Vrlo dugački      | 4                                                                                                                  | 14                                                                                                                      | 23                                                                                                                          |
| Hidraulične stezne glave            |    | Kratki i stabilni | 5                                                                                                                  | 15                                                                                                                      | 24                                                                                                                          |
| ER stezne glave sa steznim čahurama |    | Kratki            | 6                                                                                                                  | 16                                                                                                                      |                                                                                                                             |
|                                     |                                                                                     | Dugački           | 6                                                                                                                  | 16                                                                                                                      | 25                                                                                                                          |
|                                     |                                                                                     | Srednje dugački   |                                                                                                                    |                                                                                                                         | 25                                                                                                                          |
|                                     |                                                                                     | Vrlo dugački      | 6                                                                                                                  | 16                                                                                                                      | 25                                                                                                                          |
| Kratke stezne glava – NC 2010       |    | Kratki            | 7                                                                                                                  | 17                                                                                                                      | 26                                                                                                                          |
| Kombinirani nasadni trn glodala     |   | Kratki            | 8                                                                                                                  | 18                                                                                                                      | 27                                                                                                                          |
|                                     |                                                                                     | Dugački           | 8                                                                                                                  |                                                                                                                         | 27                                                                                                                          |
|                                     |                                                                                     | Vrlo dugački      |                                                                                                                    |                                                                                                                         |                                                                                                                             |
| Quernut-Aufsteckfräserdorn          |  | Kratki            | 9                                                                                                                  | 19                                                                                                                      | 28                                                                                                                          |
|                                     |                                                                                     | Dugački           |                                                                                                                    |                                                                                                                         |                                                                                                                             |
|                                     |                                                                                     | Vrlo dugački      |                                                                                                                    |                                                                                                                         |                                                                                                                             |
| Pritezni svornjaci                  |  |                   | 10–12                                                                                                              | 20+21                                                                                                                   |                                                                                                                             |
| Cijev za rashladno sredstvo         |  |                   |                                                                                                                    |                                                                                                                         | 29                                                                                                                          |

## Pregled sadržaja – rezervni dijelovi i pribor

| Oznaka           |                                                                                     | Stranica |
|------------------|-------------------------------------------------------------------------------------|----------|
| ER stezne čahure |  | 30+31    |

# Prihvati cilindričnog držača (Weldon)

▲ Za držače u skladu s DIN 6535 HB/1835 B s bočnom steznom površinom



|         |         |                      |     |    | AD                              |                   | AD/B                            |        |       |
|---------|---------|----------------------|-----|----|---------------------------------|-------------------|---------------------------------|--------|-------|
|         |         |                      |     |    | G 2,5 n <sub>maks.</sub> 25.000 |                   | G 2,5 n <sub>maks.</sub> 18.000 |        |       |
|         | Prihvat | DCONWS <sub>H4</sub> | LPR | BD | Artikl br.<br>80 401 ...        |                   | Artikl br.<br>82 401 ...        |        |       |
|         |         | mm                   | mm  | mm | KM                              | KM                | KM                              | KM     |       |
| Kratki  | SK 40   | 6                    | 50  | 25 | <del>125,55</del>               | 58,70             | 106                             |        |       |
|         | SK 40   | 8                    | 50  | 28 | <del>125,55</del>               | 58,70             | 108                             |        |       |
|         | SK 40   | 10                   | 50  | 35 | <del>119,70</del>               | 59,75             | 110                             |        |       |
|         | SK 40   | 12                   | 50  | 42 | <del>119,70</del>               | 59,75             | 112                             |        |       |
|         | SK 40   | 14                   | 50  | 44 | <del>119,70</del>               | 59,75             | 114                             |        |       |
|         | SK 40   | 16                   | 63  | 48 | <del>127,70</del>               | 59,75             | 116                             |        |       |
|         | SK 40   | 18                   | 63  | 50 | <del>127,70</del>               | 59,75             | 118                             |        |       |
|         | SK 40   | 20                   | 63  | 52 | <del>127,70</del>               | 59,75             | 120                             |        |       |
|         | SK 40   | 25                   | 100 | 65 | <del>137,80</del>               | 67,90             | 125                             |        |       |
|         | SK 40   | 32                   | 100 | 72 | <del>147,80</del>               | 67,90             | 132                             |        |       |
|         |         |                      |     |    |                                 |                   |                                 |        |       |
|         | SK 50   | 6                    | 63  | 25 |                                 |                   | <del>156,50</del>               | 135,00 | 306   |
|         | SK 50   | 8                    | 63  | 28 |                                 |                   | <del>156,50</del>               | 135,00 | 308   |
|         | SK 50   | 10                   | 63  | 35 |                                 |                   | <del>149,70</del>               | 129,90 | 310   |
|         | SK 50   | 12                   | 63  | 42 |                                 |                   | <del>149,70</del>               | 129,90 | 312   |
|         | SK 50   | 14                   | 63  | 44 |                                 |                   | <del>150,10</del>               | 129,90 | 314   |
|         | SK 50   | 16                   | 63  | 48 |                                 |                   | <del>150,10</del>               | 130,40 | 316   |
|         | SK 50   | 18                   | 63  | 50 |                                 |                   | <del>150,10</del>               | 130,40 | 318   |
| SK 50   | 20      | 63                   | 52  |    |                                 | <del>150,10</del> | 130,40                          | 320    |       |
| SK 50   | 25      | 80                   | 65  |    |                                 | <del>164,20</del> | 140,90                          | 325    |       |
| SK 50   | 32      | 100                  | 72  |    |                                 | <del>164,20</del> | 143,20                          | 332    |       |
|         |         |                      |     |    |                                 |                   |                                 |        |       |
| Dugački | SK 40   | 6                    | 100 | 25 | <del>129,90</del>               | 73,50             | 506                             |        |       |
|         | SK 40   | 8                    | 100 | 28 | <del>129,90</del>               | 73,50             | 508                             |        |       |
|         | SK 40   | 10                   | 100 | 35 | <del>124,00</del>               | 67,90             | 510                             |        |       |
|         | SK 40   | 12                   | 100 | 42 | <del>124,00</del>               | 67,90             | 512                             |        |       |
|         | SK 40   | 14                   | 100 | 44 | <del>122,90</del>               | 67,90             | 514                             |        |       |
|         | SK 40   | 16                   | 100 | 48 | <del>134,10</del>               | 67,90             | 516                             |        |       |
|         | SK 40   | 18                   | 100 | 50 | <del>134,10</del>               | 67,90             | 518                             |        |       |
|         | SK 40   | 20                   | 100 | 52 | <del>134,10</del>               | 67,90             | 520                             |        |       |
|         |         |                      |     |    |                                 |                   |                                 |        |       |
|         | SK 50   | 6                    | 100 | 25 |                                 |                   | <del>173,30</del>               | 135,30 | 70600 |
|         | SK 50   | 8                    | 100 | 28 |                                 |                   | <del>173,30</del>               | 135,30 | 70800 |
|         | SK 50   | 10                   | 100 | 35 |                                 |                   | <del>166,30</del>               | 129,70 | 71000 |
|         | SK 50   | 12                   | 100 | 42 |                                 |                   | <del>166,30</del>               | 129,70 | 71200 |
|         | SK 50   | 14                   | 100 | 44 |                                 |                   | <del>166,30</del>               | 129,70 | 71400 |
|         | SK 50   | 16                   | 100 | 48 |                                 |                   | <del>166,70</del>               | 130,20 | 71600 |
|         | SK 50   | 18                   | 100 | 50 |                                 |                   | <del>166,70</del>               | 130,20 | 71800 |
|         | SK 50   | 20                   | 100 | 52 |                                 |                   | <del>166,70</del>               | 130,20 | 72000 |
|         | SK 50   | 25                   | 100 | 65 |                                 |                   | <del>176,50</del>               | 137,80 | 72500 |

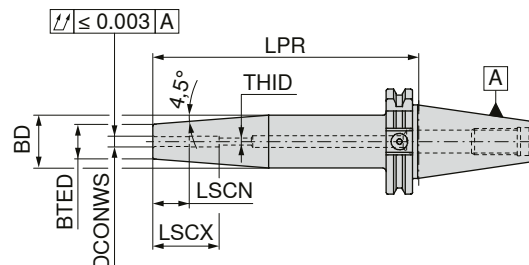
## Termoskupljajući prihvati 4,5°

▲ Za VHM i HSS drške s h6 tolerancijom ili boljom

## Opseg isporuke:

Osnovno tijelo **bez** zaustavnog vijka

TG

AD/B  
G 2,5 n<sub>maks.</sub> 25.000Artikli br.  
80 300 ...

|              | Prihvati | DCONWS | LPR | BTED | BD   | LSCX | LSCN | THID  | KM                | KM     |     |
|--------------|----------|--------|-----|------|------|------|------|-------|-------------------|--------|-----|
|              |          | mm     | mm  | mm   | mm   | mm   | mm   |       |                   |        |     |
| Kratki       | SK 40    | 3      | 70  | 12   | 17,0 |      |      |       | <del>252,20</del> | 212,30 | 103 |
|              | SK 40    | 4      | 70  | 12   | 17,0 |      |      |       | <del>252,20</del> | 212,30 | 104 |
|              | SK 40    | 5      | 70  | 12   | 17,0 |      |      |       | <del>252,20</del> | 212,30 | 105 |
|              | SK 40    | 6      | 80  | 21   | 30,5 | 36   | 26   | M5    | <del>241,00</del> | 173,70 | 106 |
|              | SK 40    | 8      | 80  | 21   | 30,5 | 36   | 26   | M6    | <del>241,00</del> | 173,70 | 108 |
|              | SK 40    | 10     | 80  | 24   | 33,5 | 41   | 31   | M8x1  | <del>241,00</del> | 173,70 | 110 |
|              | SK 40    | 12     | 80  | 24   | 33,5 | 47   | 37   | M10x1 | <del>241,00</del> | 173,70 | 112 |
|              | SK 40    | 14     | 80  | 27   | 36,5 | 47   | 37   | M10x1 | <del>241,00</del> | 173,70 | 114 |
|              | SK 40    | 16     | 80  | 27   | 36,5 | 50   | 40   | M12x1 | <del>241,00</del> | 173,70 | 116 |
|              | SK 40    | 18     | 80  | 33   | 42,5 | 50   | 40   | M12x1 | <del>241,00</del> | 173,70 | 118 |
|              | SK 40    | 20     | 80  | 33   | 42,5 | 52   | 42   | M16x1 | <del>241,00</del> | 173,70 | 120 |
| Dugački      | SK 40    | 25     | 100 | 44   | 50,0 | 58   | 48   | M16x1 | <del>241,00</del> | 203,20 | 125 |
|              | SK 40    | 3      | 120 | 12   | 17,0 |      |      |       | <del>304,10</del> | 239,00 | 203 |
|              | SK 40    | 4      | 120 | 12   | 17,0 |      |      |       | <del>304,10</del> | 239,00 | 204 |
|              | SK 40    | 5      | 120 | 12   | 17,0 |      |      |       | <del>304,10</del> | 239,00 | 205 |
|              | SK 40    | 6      | 120 | 21   | 31,0 | 36   | 26   | M5    | <del>304,10</del> | 239,00 | 206 |
|              | SK 40    | 8      | 120 | 21   | 32,0 | 36   | 26   | M6    | <del>304,10</del> | 239,00 | 208 |
|              | SK 40    | 10     | 120 | 24   | 34,0 | 41   | 31   | M8x1  | <del>304,10</del> | 239,00 | 210 |
|              | SK 40    | 12     | 120 | 24   | 34,0 | 47   | 37   | M10x1 | <del>304,10</del> | 239,00 | 212 |
|              | SK 40    | 16     | 120 | 27   | 36,0 | 50   | 40   | M12x1 | <del>304,10</del> | 239,00 | 216 |
|              | SK 40    | 20     | 120 | 33   | 44,0 | 52   | 42   | M16x1 | <del>304,10</del> | 239,00 | 220 |
| Vrlo dugački | SK 40    | 6      | 160 | 21   | 31,0 | 36   | 26   | M5    | <del>362,60</del> | 255,30 | 306 |
|              | SK 40    | 8      | 160 | 21   | 32,0 | 36   | 26   | M6    | <del>362,60</del> | 255,30 | 308 |
|              | SK 40    | 10     | 160 | 24   | 34,0 | 41   | 31   | M8x1  | <del>362,60</del> | 255,30 | 310 |
|              | SK 40    | 12     | 160 | 24   | 34,0 | 47   | 37   | M10x1 | <del>362,60</del> | 255,30 | 312 |
|              | SK 40    | 14     | 160 | 27   | 36,0 | 47   | 37   | M10x1 | <del>362,60</del> | 255,30 | 314 |
|              | SK 40    | 16     | 160 | 27   | 36,0 | 50   | 40   | M12x1 | <del>362,60</del> | 255,30 | 316 |
|              | SK 40    | 18     | 160 | 33   | 44,0 | 50   | 40   | M12x1 | <del>362,60</del> | 255,30 | 318 |
|              | SK 40    | 20     | 160 | 33   | 44,0 | 52   | 42   | M16x1 | <del>362,60</del> | 255,30 | 320 |
|              | SK 40    | 25     | 160 | 44   | 50,0 | 58   | 48   | M16x1 | <del>362,60</del> | 255,30 | 325 |

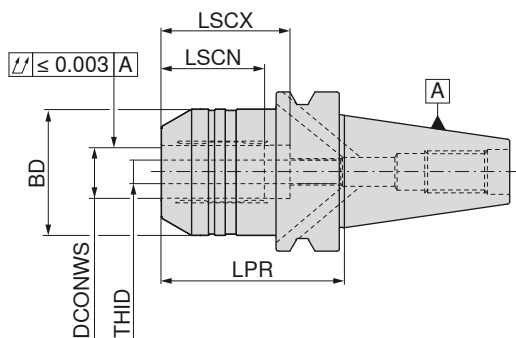
**i** Poštujte minimalno dubino stezanja → Glavni katalog, Poglavlje 16, Stranica 233

# Hidraulična stezna glava, kratka i stabilna

▲ Za VHM i HSS drške s h6 tolerancijom ili boljom

## Opseg isporuke:

Osnovno tijelo uključujući zaustavni vijak i tlačni vijak



AD/B

G 2,5 n<sub>max</sub> 25.000

Artikl br.  
80 440 ...

KM

KM

~~448,10~~

290,40

120

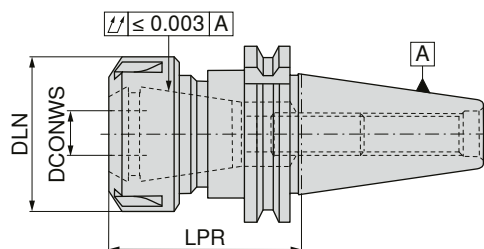
|                   | Prihvat | DCONWS | LPR  | BD    | LSCX | LSCN | THID |  |
|-------------------|---------|--------|------|-------|------|------|------|--|
|                   |         | mm     | mm   | mm    | mm   | mm   |      |  |
| Kratki i stabilni | SK 40   | 20     | 64,5 | 49,25 | 51   | 41   | M8x1 |  |

**i** Odgovarajuće redukcijske naglavke možete pronaći → **Glavni katalog, Poglavlje 17, Stranica 32**  
Poštujte minimalno dubino stezanja → **Glavni katalog, Poglavlje 16, Stranica 233**

## ER stezna glava sa steznom čahurom

**Opseg isporuke:**

Osnovno tijelo uključujući pretturnu maticu i zaustavni vijak



AD  
G 2,5 n<sub>maks.</sub> 20.000

AD/B  
G 2,5 n<sub>maks.</sub> 18.000

|                 | Prihvat | DCONWS   | LPR | DLN | TQX         | Za steznu<br>čahuru | Artikli br.<br>80 414 ... |                   | Artikli br.<br>82 415 ... |        |       |
|-----------------|---------|----------|-----|-----|-------------|---------------------|---------------------------|-------------------|---------------------------|--------|-------|
|                 |         | mm       | mm  | mm  | Nm          |                     | KM                        | KM                | KM                        | KM     |       |
| Kratki          | SK 40   | 0,5 - 10 | 63  | 28  | 56          | 426E (ER16)         | <del>154,10</del>         | 76,00             | 110                       | 1)     |       |
|                 | SK 40   | 1 - 16   | 70  | 42  | 104         | 430E (ER25)         | <del>161,02</del>         | 76,00             | 116                       |        |       |
|                 | SK 40   | 2 - 20   | 70  | 50  | 136         | 470E (ER32)         | <del>161,50</del>         | 78,80             | 120                       |        |       |
|                 | SK 40   | 3 - 26   | 80  | 63  | 176         | 472E (ER40)         | <del>167,70</del>         | 84,40             | 126                       |        |       |
|                 |         |          |     |     |             |                     |                           |                   |                           |        |       |
|                 | SK 50   | 1 - 10   | 60  | 32  | 56          | 426E (ER16)         |                           |                   | <del>181,00</del>         | 141,30 | 31000 |
|                 | SK 50   | 1 - 16   | 70  | 42  | 104         | 430E (ER25)         |                           |                   | <del>189,50</del>         | 147,20 | 31600 |
|                 | SK 50   | 2 - 20   | 70  | 50  | 136         | 470E (ER32)         |                           |                   | <del>191,80</del>         | 149,70 | 32000 |
| SK 50           | 3 - 26  | 70       | 63  | 176 | 472E (ER40) |                     |                           | <del>196,30</del> | 153,30                    | 32600  |       |
|                 |         |          |     |     |             |                     |                           |                   |                           |        |       |
| Dugački         | SK 40   | 0,5 - 10 | 100 | 28  | 56          | 426E (ER16)         | <del>168,80</del>         | 105,80            | 410                       | 1)     |       |
|                 | SK 40   | 1 - 16   | 100 | 42  | 104         | 430E (ER25)         | <del>175,70</del>         | 92,60             | 416                       |        |       |
|                 | SK 40   | 2 - 20   | 100 | 50  | 136         | 470E (ER32)         | <del>176,20</del>         | 92,60             | 420                       |        |       |
|                 | SK 40   | 3 - 26   | 120 | 63  | 176         | 472E (ER40)         | <del>185,00</del>         | 105,80            | 426                       |        |       |
|                 |         |          |     |     |             |                     |                           |                   |                           |        |       |
|                 | SK 50   | 1 - 10   | 100 | 32  | 56          | 426E (ER16)         |                           |                   | <del>174,00</del>         | 135,70 | 71000 |
|                 | SK 50   | 1 - 16   | 100 | 42  | 104         | 430E (ER25)         |                           |                   | <del>181,00</del>         | 141,30 | 71600 |
|                 | SK 50   | 2 - 20   | 100 | 50  | 136         | 470E (ER32)         |                           |                   | <del>192,70</del>         | 150,21 | 72000 |
| SK 50           | 3 - 26  | 100      | 63  | 176 | 472E (ER40) |                     |                           | <del>202,10</del> | 157,72                    | 72600  |       |
|                 |         |          |     |     |             |                     |                           |                   |                           |        |       |
| Vrlo<br>dugački | SK 40   | 0,5 - 10 | 160 | 28  | 56          | 426E (ER16)         | <del>230,00</del>         | 143,90            | 610                       | 1)     |       |
|                 |         |          |     |     |             |                     |                           |                   |                           |        |       |
|                 | SK 50   | 1 - 16   | 160 | 42  | 104         | 430E (ER25)         |                           |                   | <del>197,20</del>         | 154,00 | 81600 |
|                 | SK 50   | 2 - 20   | 160 | 50  | 136         | 470E (ER32)         |                           |                   | <del>217,40</del>         | 169,70 | 82000 |

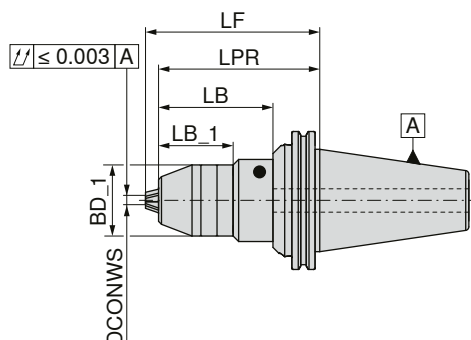
1) S 6-stranom maticom

# Kratka stezna glava – NC 2010

- ▲ Neovisno o smjeru okretanja
- ▲ Pritezni moment = 12 Nm

## Opseg isporuke:

Osnovno tijelo uključujući stezni ključ SW4



|         |          |     |      |      |      |      |  |  |  |
|---------|----------|-----|------|------|------|------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |          |     |      |      |      |      | A                                                                                 | AD                                                                                  | AD/B                                                                                |
|         |          |     |      |      |      |      | G 6,3 n <sub>maks</sub> 10.000                                                    | G 6,3 n <sub>maks</sub> 10.000                                                      | G 6,3 n <sub>maks</sub> 10.000                                                      |
| Prihvat | DCONWS   | LPR | BD_1 | LB_1 | LB   | LF   | Artikl br.<br>84 418 ...                                                          | Artikl br.<br>84 419 ...                                                            | Artikl br.<br>84 420 ...                                                            |
|         | mm       | mm  | mm   | mm   | mm   | mm   | KM<br>KM                                                                          | KM<br>KM                                                                            | KM<br>KM                                                                            |
| SK 40   | 0,5 - 13 | 80  | 48,5 |      | 60,8 | 89,0 | <del>487,47</del> KM 386,10                                                       | <del>519,20</del> KM 420,60                                                         | <del>589,20</del> KM 482,10                                                         |
| SK 40   | 0,5 - 13 | 80  | 48,5 | 50,9 |      | 89,0 |                                                                                   |                                                                                     |                                                                                     |
| SK 40   | 2,5 - 16 | 80  | 51,0 |      | 60,0 | 90,5 |                                                                                   | <del>566,1</del> KM 457,40                                                          |                                                                                     |
| SK 40   | 2,5 - 16 | 80  | 51,0 |      | 60,8 | 90,5 | <del>519,2</del> KM 420,60                                                        |                                                                                     |                                                                                     |
| SK 40   | 2,5 - 16 | 80  | 51,0 | 50,9 |      | 90,5 |                                                                                   |                                                                                     | <del>615,40</del> KM 511,70                                                         |

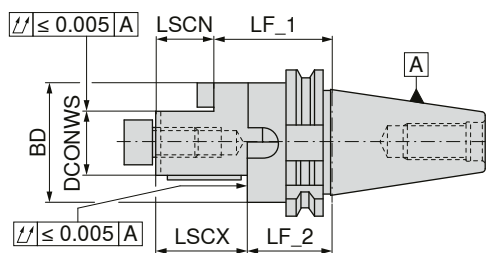
**i** Primjenjivo putem naknadnog balansiranja s G 2,5 do 30.000 o/min!

# Kombinirani nasadni trn glodala

▲ Za glodala s uzdužnim i poprečnim utorom prema DIN 6358

## Opseg isporuke:

Osnovno tijelo uključujući pritezni vijak, zahvatni prsten i dosjedno pero



AD  
G 6,3 n<sub>maks</sub> 15.000



A  
G 6,3 n<sub>maks</sub> 8000

|         | Prihvat | DCONWS | LF_1 | BD | LSCX | LSCN | LF_2 | AD                       |                          | A                        |                          |
|---------|---------|--------|------|----|------|------|------|--------------------------|--------------------------|--------------------------|--------------------------|
|         |         |        |      |    |      |      |      | Artikl br.<br>80 429 ... | Artikl br.<br>82 429 ... | Artikl br.<br>80 429 ... | Artikl br.<br>82 429 ... |
|         |         | mm     | mm   | mm | mm   | mm   | mm   | KM                       | KM                       | KM                       | KM                       |
| Kratki  | SK 40   | 16     | 55   | 32 | 27   | 17   | 45   | <del>152,20</del>        | 78,80                    | 116                      |                          |
|         | SK 40   | 22     | 55   | 40 | 31   | 19   | 43   | <del>158,10</del>        | 84,40                    | 122                      |                          |
|         | SK 40   | 27     | 55   | 48 | 33   | 21   | 43   | <del>161,50</del>        | 92,30                    | 127                      |                          |
|         | SK 40   | 32     | 60   | 58 | 38   | 24   | 46   | <del>170,60</del>        | 89,50                    | 132                      |                          |
|         | SK 40   | 40     | 60   | 70 | 41   | 27   | 46   | <del>179,40</del>        | 100,40                   | 140                      |                          |
|         | SK 50   | 16     | 55   | 32 | 27   | 17   | 45   |                          |                          | <del>198,90</del>        | 152,10                   |
|         | SK 50   | 22     | 55   | 40 | 31   | 19   | 43   |                          |                          | <del>205,80</del>        | 157,50                   |
|         | SK 50   | 27     | 55   | 48 | 33   | 21   | 43   |                          |                          | <del>221,80</del>        | 169,70                   |
|         | SK 50   | 32     | 55   | 58 | 38   | 24   | 41   |                          |                          | <del>228,10</del>        | 174,60                   |
|         | SK 50   | 40     | 55   | 70 | 41   | 27   | 41   |                          |                          | <del>234,70</del>        | 179,60                   |
| Dugački | SK 50   | 50     | 70   | 90 | 46   | 30   | 54   |                          |                          | <del>156,30</del>        | 196,00                   |
|         | SK 40   | 16     | 100  | 32 | 27   | 17   | 90   | <del>177,30</del>        | 100,40                   | 216                      |                          |
|         | SK 40   | 22     | 100  | 40 | 31   | 19   | 88   | <del>184,80</del>        | 100,40                   | 222                      |                          |
|         | SK 40   | 27     | 100  | 48 | 33   | 21   | 88   | <del>188,50</del>        | 103,20                   | 227                      |                          |
|         | SK 40   | 32     | 100  | 58 | 38   | 24   | 86   | <del>198,60</del>        | 108,60                   | 232                      |                          |
|         |         |        |      |    |      |      |      |                          |                          |                          |                          |
|         |         |        |      |    |      |      |      |                          |                          |                          |                          |
|         |         |        |      |    |      |      |      |                          |                          |                          |                          |
|         |         |        |      |    |      |      |      |                          |                          |                          |                          |
|         |         |        |      |    |      |      |      |                          |                          |                          |                          |

1) S poprečnim vijkom

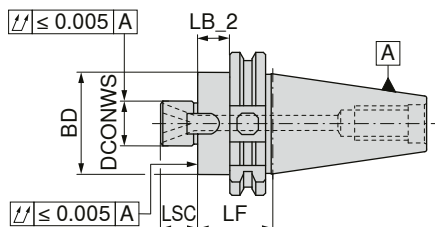


# Nasadni trn glodala u poprečnom utoru

▲ Zahvatni blokovi učvršćeni

## Opseg isporuke:

Osnovno tijelo uključujući pritezni vijak



|        | Prihvat | DCONWS | LB_2 | LF | BD | LSC | AD<br>G 2,5 n <sub>maks.</sub> 25.000 |        | AD/B<br>G 6,3 n <sub>maks.</sub> 8000 |        |
|--------|---------|--------|------|----|----|-----|---------------------------------------|--------|---------------------------------------|--------|
|        |         |        |      |    |    |     | Artikl br.<br>80 428 ...              |        | Artikl br.<br>82 428 ...              |        |
|        |         |        |      |    |    |     | KM                                    | KM     | KM                                    | KM     |
| Kratki | SK 40   | 16     | 16   | 35 | 40 | 17  | <del>152,20</del>                     | 100,40 |                                       |        |
|        | SK 40   | 22     | 16   | 35 | 50 | 19  | <del>161,60</del>                     | 100,40 |                                       |        |
|        | SK 40   | 27     | 16   | 35 | 50 | 21  | <del>164,50</del>                     | 100,40 |                                       |        |
|        | SK 40   | 32     | 31   | 50 | 80 | 24  | <del>173,00</del>                     | 108,60 |                                       |        |
|        | SK 40   | 40     | 31   | 50 | 89 | 27  | <del>188,20</del>                     | 125,10 |                                       |        |
|        | SK 50   | 16     | 25   | 44 | 38 | 17  |                                       |        | <del>204,71</del>                     | 156,50 |
|        | SK 50   | 22     | 25   | 44 | 48 | 19  |                                       |        | <del>210,10</del>                     | 160,80 |
|        | SK 50   | 27     | 25   | 44 | 58 | 21  |                                       |        | <del>215,2</del>                      | 164,80 |
|        | SK 50   | 32     | 21   | 40 | 78 | 24  |                                       |        | <del>232,6</del>                      | 177,90 |
|        | SK 50   | 40     | 31   | 50 | 88 | 27  |                                       |        | <del>236,8</del>                      | 181,20 |

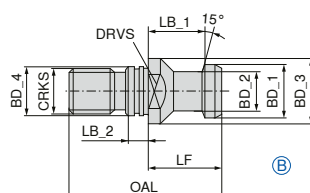
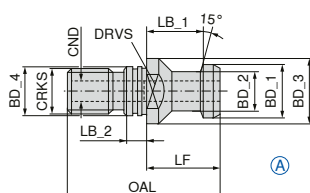
1) S križnim vijkom i 4 navojna provrta M12 na ravni, Ø kruga rupe = 66,7 mm, izlaz rashladnog sredstva na vanjskom Ø rukavca (DCONWS)!

## Pritezni svornjak za prihvate alata u skladu s ISO 7388-1

- ▲ DIN 69872 oblik A i B
- ▲ Za alat bez odn. s aksijalnim dovodom rashladnog sredstva

### Opseg isporuke:

Uključujući O-prsten



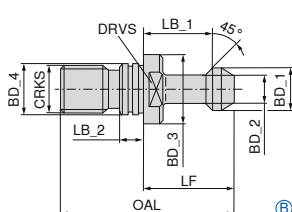
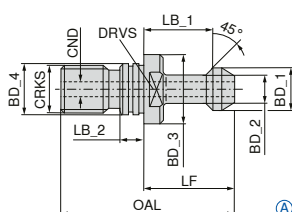
| Prihvat | BD_1 | BD_2 | BD_3 | BD_4 | CRKS | OAL | LF | LB_1 | LB_2 | CND  | DRVS | TQX | Oblik | Artikl br. 82 475 ... |       | Artikl br. 82 468 ... |       |
|---------|------|------|------|------|------|-----|----|------|------|------|------|-----|-------|-----------------------|-------|-----------------------|-------|
|         | mm   | mm   | mm   | mm   |      | mm  | mm | mm   | mm   | mm   | mm   | Nm  |       | KM                    | KM    | KM                    | KM    |
| SK 40   | 19   | 14   | 23   | 17   | M16  | 54  | 26 | 20   | 7    | 7,0  | 19   | 90  | A     |                       |       | <del>12,10</del>      | 10,30 |
| SK 40   | 19   | 14   | 23   | 17   | M16  | 54  | 26 | 20   | 7    |      | 19   | 90  | B     | <del>12,10</del>      | 10,30 | 040                   |       |
| SK 50   | 28   | 21   | 36   | 25   | M24  | 74  | 34 | 25   | 10   | 11,5 | 30   | 145 | A     |                       |       | <del>18,40</del>      | 14,10 |
| SK 50   | 28   | 21   | 36   | 25   | M24  | 74  | 34 | 25   | 10   |      | 30   | 145 | B     | <del>18,40</del>      | 14,10 | 050                   |       |

## Pritezni svornjak za prihvate alata u skladu s ISO 7388-1

- ▲ Slično BT 45°, ali 3 mm kraći
- ▲ Za Haas, Micron, Hurco strojeve

### Opseg isporuke:

Uključujući O-prsten



| Prihvat | BD_1 | BD_2 | BD_3 | BD_4 | CRKS | OAL | LF | LB_1 | LB_2 | CND | DRVS | TQX | Oblik | Artikl br. 83 538 ... |       | Artikl br. 83 535 ... |       |
|---------|------|------|------|------|------|-----|----|------|------|-----|------|-----|-------|-----------------------|-------|-----------------------|-------|
|         | mm   | mm   | mm   | mm   |      | mm  | mm | mm   | mm   | mm  | mm   | Nm  |       | KM                    | KM    | KM                    | KM    |
| SK 40   | 15   | 10   | 23   | 17   | M16  | 57  | 32 | 25   | 5    |     | 19   | 90  | B     | <del>22,46</del>      | 19,00 | 040                   |       |
| SK 40   | 15   | 10   | 23   | 17   | M16  | 57  | 32 | 25   | 5    | 4   | 19   | 90  | A     |                       |       | <del>21,80</del>      | 18,50 |

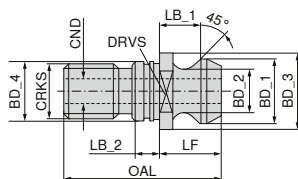
## Pritezni svornjak za prihvate alata u skladu s ISO 7388-1

▲ Sl. ISO/DIS 7388 (ANSI-CAT samo kod SK 40) oblik A

### Opseg isporuke:

SK 50 uključujući O-prsten

SK 40 bez udubljenja O-prstena



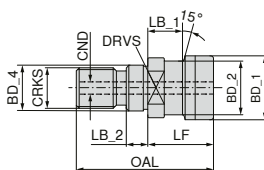
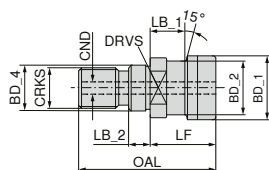
| Prihvat | BD_1  | BD_2  | BD_3 | BD_4 | CRKS | OAL   | LF    | LB_1  | LB_2 | CND  | DRVS | TQX | Artikl br.<br>82 487 ...   |
|---------|-------|-------|------|------|------|-------|-------|-------|------|------|------|-----|----------------------------|
|         | mm    | mm    | mm   | mm   |      | mm    | mm    | mm    | mm   | mm   | mm   | Nm  | KM KM                      |
| SK 40   | 18,95 | 12,95 | 22,5 | 17   | M16  | 41,26 | 16,40 | 11,15 | 4,0  | 6,0  | 19   | 90  | <del>12,80</del> 10,80 040 |
| SK 50   | 29,10 | 19,60 | 37,0 | 25   | M24  | 65,50 | 25,55 | 17,95 | 5,5  | 11,5 | 30   | 145 | <del>18,40</del> 14,10 050 |

## Pritezni svornjak za prihvate alata u skladu s ISO 7388-1

▲ SK 40 s prstenastim utorom i rubnim zaštitnim prstenom, s i bez unutarnjeg navoja

▲ SK 50 s prstenastim utorom, s i bez unutarnjeg navoja

▲ Za alate u skladu s DIN 69871 za preinake na DIN 2080

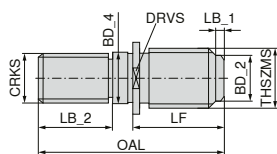


| Prihvat | BD_1 | BD_2 | BD_4 | CRKS | OAL | LF | LB_1 | LB_2 | CND | DRVS | TQX | bez unutarnjeg<br>navoja                 | s unutarnjim<br>navojem    |
|---------|------|------|------|------|-----|----|------|------|-----|------|-----|------------------------------------------|----------------------------|
|         | mm   | mm   | mm   |      | mm  | mm | mm   | mm   | mm  | mm   | Nm  | Artikl br.<br>82 493 ...                 | Artikl br.<br>82 494 ...   |
|         |      |      |      |      |     |    |      |      |     |      |     | KM KM                                    | KM KM                      |
| SK 40   | 25,0 | 21,1 | 17   | M16  | 53  | 25 | 13,6 | 8    | 7   | 19   | 90  | <del>14,50</del> 12,20 040               | <del>15,10</del> 12,70 040 |
| SK 50   | 39,3 | 32,0 | 25   | M24  | 65  | 25 | 13,3 | 10   |     | 30   | 145 | <del>20,20</del> 15,50 050 <sup>1)</sup> | <del>22,50</del> 17,10 050 |

1) S O-prstenom

# Pritezni svornjak za prijvate alata u skladu s ISO 7388-1

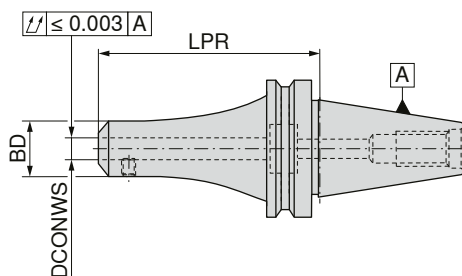
▲ Pilasti navoj POKLOPAC S 20 × 2



| Prijvat | CRKS | OAL | LF | LB_1 | LB_2 | BD_2 | BD_4 | DRVS | THSZMS   | Artikl br.<br>83 471 ...      |
|---------|------|-----|----|------|------|------|------|------|----------|-------------------------------|
|         |      | mm  | mm | mm   | mm   | mm   | mm   | mm   |          | KM                            |
| SK 40   | M16  | 55  | 33 | 4    | 17   | 16,7 | 17   | 22   | S 20 x 2 | <del>47,80</del> KM 40,10 040 |

## Prihvat cilindričnog držača (Weldon)

▲ Za držače u skladu s DIN 6535 HB/1835 B s bočnom steznom površinom



AD

G 2,5 n<sub>maks.</sub> 25.000Artikl br.  
80 531 ...

KM

KM

106



AD/B

G 2,5 n<sub>maks.</sub> 18.000Artikl br.  
82 501 ...

KM

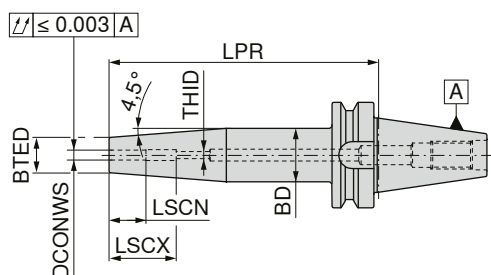
KM

108

|        | Prihvat | DCONWS <sub>H4</sub> | BD | LPR |                   |       |     |                   |        |       |
|--------|---------|----------------------|----|-----|-------------------|-------|-----|-------------------|--------|-------|
|        |         | mm                   | mm | mm  | KM                | KM    |     | KM                | KM     |       |
| Kratki | BT 40   | 6                    | 25 | 50  | <del>125,55</del> | 68,70 | 106 |                   |        |       |
|        | BT 40   | 8                    | 28 | 50  | <del>125,55</del> | 62,30 | 108 |                   |        |       |
|        | BT 40   | 10                   | 35 | 63  | <del>119,70</del> | 59,20 | 110 |                   |        |       |
|        | BT 40   | 12                   | 42 | 63  | <del>119,70</del> | 59,20 | 112 |                   |        |       |
|        | BT 40   | 14                   | 44 | 63  | <del>119,70</del> | 59,20 | 114 |                   |        |       |
|        | BT 40   | 16                   | 48 | 63  | <del>127,70</del> | 59,20 | 116 |                   |        |       |
|        | BT 40   | 18                   | 50 | 63  | <del>127,70</del> | 59,20 | 118 |                   |        |       |
|        | BT 40   | 20                   | 52 | 63  | <del>127,70</del> | 59,20 | 120 |                   |        |       |
|        | BT 40   | 25                   | 65 | 90  | <del>137,80</del> | 72,50 | 125 |                   |        |       |
|        | BT 40   | 32                   | 72 | 100 | <del>148,80</del> | 77,80 | 132 |                   |        |       |
|        | BT 50   | 6                    | 25 | 63  |                   |       |     | <del>130,50</del> | 101,80 | 30600 |
|        | BT 50   | 8                    | 28 | 63  |                   |       |     | <del>130,50</del> | 101,80 | 30800 |
|        | BT 50   | 10                   | 35 | 80  |                   |       |     | <del>123,70</del> | 99,00  | 31000 |
|        | BT 50   | 12                   | 42 | 80  |                   |       |     | <del>134,50</del> | 104,90 | 31200 |
|        | BT 50   | 14                   | 44 | 80  |                   |       |     | <del>134,50</del> | 104,90 | 31400 |
|        | BT 50   | 16                   | 48 | 80  |                   |       |     | <del>134,50</del> | 104,90 | 31600 |
|        | BT 50   | 18                   | 50 | 80  |                   |       |     | <del>134,50</del> | 104,90 | 31800 |
|        | BT 50   | 20                   | 52 | 80  |                   |       |     | <del>134,50</del> | 104,90 | 32000 |
|        | BT 50   | 25                   | 65 | 100 |                   |       |     | <del>149,60</del> | 116,70 | 32500 |
|        | BT 50   | 32                   | 72 | 105 |                   |       |     | <del>152,60</del> | 119,00 | 33200 |
|        | BT 50   | 40                   | 90 | 120 |                   |       |     | <del>150,20</del> | 123,50 | 34000 |

## Termoskupljajući prihvati 4,5°

▲ Za VHM i HSS drške s h6 tolerancijom ili boljom



AD/B

G 2,5 n<sub>maks.</sub> 25.000

Artikl br.

80 333 ...

|              | Prihvati | DCONWS | LPR | BTED | BD | LSCX | LSCN | THID  |                   |        |
|--------------|----------|--------|-----|------|----|------|------|-------|-------------------|--------|
|              |          | mm     | mm  | mm   | mm | mm   | mm   |       | KM                | KM     |
| Kratki       | BT 40    | 3      | 90  | 11   | 15 |      |      |       | <del>325,20</del> | 254,30 |
|              | BT 40    | 4      | 90  | 11   | 15 |      |      |       | <del>312,00</del> | 254,30 |
|              | BT 40    | 5      | 90  | 11   | 15 |      |      |       | <del>312,00</del> | 254,30 |
|              | BT 40    | 6      | 90  | 21   | 27 | 36   | 26   | M5    | <del>280,00</del> | 225,00 |
|              | BT 40    | 8      | 90  | 21   | 27 | 36   | 26   | M6    | <del>280,00</del> | 225,00 |
|              | BT 40    | 10     | 90  | 24   | 34 | 41   | 31   | M8x1  | <del>280,00</del> | 225,00 |
|              | BT 40    | 12     | 90  | 24   | 34 | 46   | 36   | M10x1 | <del>280,00</del> | 225,00 |
|              | BT 40    | 14     | 90  | 27   | 34 | 46   | 36   | M10x1 | <del>280,00</del> | 225,00 |
|              | BT 40    | 16     | 90  | 27   | 34 | 49   | 39   | M12x1 | <del>280,00</del> | 225,00 |
|              | BT 40    | 18     | 90  | 33   | 42 | 49   | 39   | M12x1 | <del>280,00</del> | 225,00 |
|              | BT 40    | 20     | 90  | 33   | 42 | 51   | 41   | M16x1 | <del>280,00</del> | 225,00 |
|              | BT 40    | 25     | 100 | 44   | 53 | 57   | 47   | M16x1 | <del>280,00</del> | 228,80 |
| Vrlo dugački | BT 40    | 6      | 160 | 21   | 27 | 36   | 26   | M5    | <del>362,60</del> | 272,30 |
|              | BT 40    | 8      | 160 | 21   | 27 | 36   | 26   | M6    | <del>362,60</del> | 272,30 |
|              | BT 40    | 10     | 160 | 24   | 34 | 41   | 31   | M8x1  | <del>362,60</del> | 272,30 |
|              | BT 40    | 12     | 160 | 24   | 34 | 46   | 36   | M10x1 | <del>362,60</del> | 272,30 |
|              | BT 40    | 14     | 160 | 27   | 34 | 46   | 36   | M10x1 | <del>362,60</del> | 272,30 |
|              | BT 40    | 16     | 160 | 27   | 34 | 49   | 39   | M12x1 | <del>362,60</del> | 272,30 |
|              | BT 40    | 18     | 160 | 33   | 42 | 49   | 39   | M12x1 | <del>362,60</del> | 272,30 |
|              | BT 40    | 20     | 160 | 33   | 42 | 51   | 41   | M16x1 | <del>362,60</del> | 272,30 |
|              | BT 40    | 25     | 160 | 44   | 53 | 57   | 47   | M16x1 | <del>362,60</del> | 272,30 |

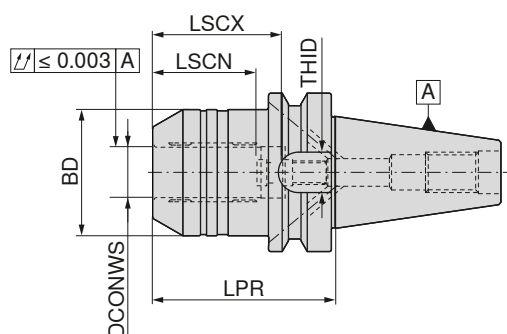
**i** Poštujte minimalno dubino stezanja → Glavni katalog, Poglavlje 16, Stranica 233

# Hidraulična stezna glava, kratka i stabilna

▲ Za VHM i HSS drške s h6 tolerancijom ili boljom

## Opseg isporuke:

Osnovno tijelo uključujući zaustavni vijak i tlačni vijak



AD/B

G 2,5 n<sub>maks.</sub> 25.000

Artikl br.  
80 527 ...

KM

KM

~~448,10~~

290,40

120

|                   | Prihvat | DCONWS | LPR  | BD    | LSCX | LSCN | THID |
|-------------------|---------|--------|------|-------|------|------|------|
|                   |         | mm     | mm   | mm    | mm   | mm   |      |
| Kratki i stabilni | BT 40   | 20     | 72,5 | 49,25 | 51   | 41   | M8x1 |



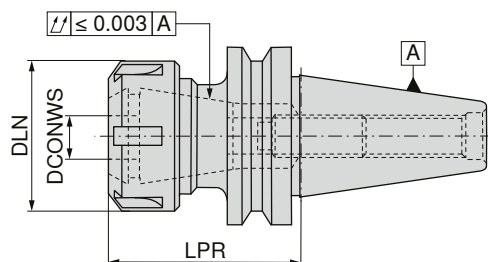
Odgovarajuće redukcijske naglavke možete pronaći → **Glavni katalog, Poglavlje 17, Stranica 32**

Poštujte minimalno dubino stezanja → **Glavni katalog, Poglavlje 16, Stranica 233**

## ER stezna glava sa steznom čahurom

## Opseg isporuke:

Osnovno tijelo uključujući pretturnu maticu i zaustavni vijak



AD

G 2,5 n<sub>maks.</sub> 20.000Artikli br.  
80 538 ...

KM

KM

110 1)

116

120

126



AD

G 2,5 n<sub>maks.</sub> 18.000Artikli br.  
82 509 ...

KM

KM

139,70 31000

126,00 31600

132,60 32000

135,40 32600

|                   | Prihvat | DCONWS   | LPR | DLN | TQX | Za steznu<br>čahuru |                   |        |     |    |
|-------------------|---------|----------|-----|-----|-----|---------------------|-------------------|--------|-----|----|
|                   |         | mm       | mm  | mm  | Nm  |                     |                   |        |     |    |
| Kratki            | BT 40   | 0,5 - 10 | 75  | 28  | 56  | 426E (ER16)         | <del>177,00</del> | 87,00  | 110 | 1) |
|                   | BT 40   | 1 - 16   | 75  | 42  | 104 | 430E (ER25)         | <del>161,00</del> | 87,00  | 116 |    |
|                   | BT 40   | 2 - 20   | 60  | 50  | 136 | 470E (ER32)         | <del>161,50</del> | 90,50  | 120 |    |
|                   | BT 40   | 3 - 26   | 80  | 63  | 176 | 472E (ER40)         | <del>167,70</del> | 98,70  | 126 |    |
|                   | BT 50   | 1 - 10   | 75  | 32  | 56  | 426E (ER16)         |                   |        |     |    |
|                   | BT 50   | 1 - 16   | 75  | 42  | 104 | 430E (ER25)         |                   |        |     |    |
|                   | BT 50   | 2 - 20   | 75  | 50  | 136 | 470E (ER32)         |                   |        |     |    |
|                   | BT 50   | 4 - 26   | 75  | 63  | 176 | 472E (ER40)         |                   |        |     |    |
| Dugački           | BT 40   | 0,5 - 10 | 100 | 28  | 56  | 426E (ER16)         | <del>168,00</del> | 102,50 | 410 | 1) |
|                   | BT 40   | 1 - 16   | 100 | 42  | 104 | 430E (ER25)         | <del>176,70</del> | 102,50 | 416 |    |
|                   | BT 40   | 2 - 20   | 100 | 50  | 136 | 470E (ER32)         | <del>176,20</del> | 110,40 | 420 |    |
|                   | BT 40   | 3 - 26   | 120 | 63  | 176 | 472E (ER40)         | <del>185,00</del> | 111,40 | 426 |    |
|                   | BT 50   | 1 - 10   | 100 | 32  | 56  | 426E (ER16)         |                   |        |     |    |
|                   | BT 50   | 1 - 16   | 100 | 42  | 104 | 430E (ER25)         |                   |        |     |    |
|                   | BT 50   | 2 - 20   | 100 | 50  | 136 | 470E (ER32)         |                   |        |     |    |
|                   | BT 50   | 3 - 26   | 100 | 63  | 176 | 472E (ER40)         |                   |        |     |    |
| Vrlo du-<br>gački | BT 40   | 0,5 - 10 | 160 | 28  | 56  | 426E (ER16)         | <del>206,60</del> | 119,00 | 510 | 1) |
|                   | BT 50   | 1 - 16   | 160 | 42  | 104 | 430E (ER25)         |                   |        |     |    |
|                   | BT 50   | 2 - 20   | 160 | 50  | 136 | 470E (ER32)         |                   |        |     |    |

1) S 6-stranom maticom

**i** Prihvat i stezna matica se uravnotežuju odvojeno!

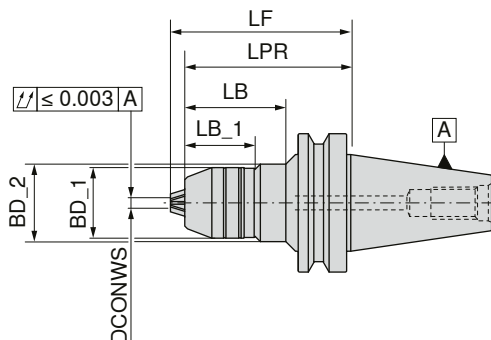


## Kratka stezna glava – NC 2010

- ▲ Neovisno o smjeru okretanja
- ▲ Pritezni moment = 12 Nm

### Opseg isporuke:

Osnovno tijelo uključujući stezni ključ SW4



| Prihvat | DCONWS   | BD_1 | LB_1 | LPR | LF   | A                              |        |     | AD                             |        |     | AD/B                           |        |     |
|---------|----------|------|------|-----|------|--------------------------------|--------|-----|--------------------------------|--------|-----|--------------------------------|--------|-----|
|         |          |      |      |     |      | G 6,3 n <sub>maks</sub> 10.000 |        |     | G 6,3 n <sub>maks</sub> 10.000 |        |     | G 6,3 n <sub>maks</sub> 10.000 |        |     |
|         |          |      |      |     |      | Artikl. br. 84 509 ...         |        |     | Artikl. br. 84 510 ...         |        |     | Artikl. br. 84 511 ...         |        |     |
|         | mm       | mm   | mm   | mm  | mm   | KM                             | KM     |     | KM                             | KM     |     | KM                             | KM     |     |
| BT 40   | 0,5 - 13 | 48,5 | 50,9 | 80  | 89,0 | <del>507,00</del>              | 420,60 | 413 | <del>514,50</del>              | 428,00 | 413 | <del>509,20</del>              | 482,10 | 413 |
| BT 40   | 0,5 - 13 | 48,5 | 50,9 | 90  | 99,0 |                                |        |     |                                |        |     |                                |        |     |
| BT 40   | 2,5 - 16 | 51,0 | 50,9 | 80  | 90,5 | <del>519,20</del>              | 430,40 | 416 | <del>558,60</del>              | 462,60 | 416 |                                |        |     |

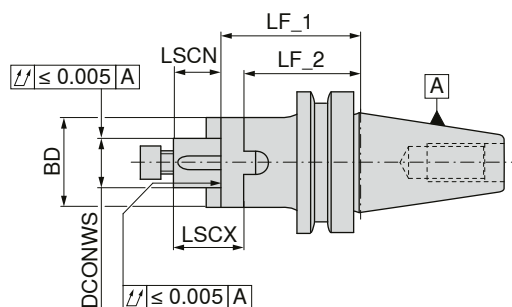
**i** Primjenjivo putem naknadnog balansiranja s G 2,5 do 30.000 o/min!

## Kombinirani nasadni trn glodala

▲ Za glodala s uzdužnim i poprečnim utorom prema DIN 6358

### Opseg isporuke:

Osnovno tijelo uključujući pritezni vijak, zahvatni prsten i dosjedno pero



AD  
G 6,3 n<sub>max</sub> 15.000

A  
G 6,3 n<sub>max</sub> 8000

|        | Prihvat | DCONWS | LF_1 | LF_2 | BD | LSCX | LSCN | AD                       |                          | A                 |        |
|--------|---------|--------|------|------|----|------|------|--------------------------|--------------------------|-------------------|--------|
|        |         |        |      |      |    |      |      | Artikl br.<br>80 546 ... | Artikl br.<br>82 516 ... |                   |        |
|        |         | mm     | mm   | mm   | mm | mm   | mm   | KM                       | KM                       | KM                | KM     |
| Kratki | BT 40   | 16     | 55   | 45   | 32 | 27   | 17   | <del>152,20</del>        | 87,70                    | 116               |        |
|        | BT 40   | 22     | 55   | 43   | 40 | 31   | 19   | <del>158,10</del>        | 91,00                    | 122               |        |
|        | BT 40   | 27     | 55   | 43   | 48 | 33   | 21   | <del>161,60</del>        | 94,60                    | 127               |        |
|        | BT 40   | 32     | 60   | 46   | 58 | 38   | 24   | <del>170,70</del>        | 103,70                   | 132               |        |
|        | BT 40   | 40     | 60   | 46   | 70 | 41   | 27   | <del>179,40</del>        | 113,70                   | 140               |        |
|        | BT 50   | 16     | 70   | 60   | 32 | 27   | 17   |                          |                          | <del>203,60</del> | 155,80 |
|        | BT 50   | 22     | 70   | 58   | 40 | 31   | 19   |                          |                          | <del>210,30</del> | 161,00 |
|        | BT 50   | 27     | 70   | 58   | 48 | 33   | 21   |                          |                          | <del>226,00</del> | 173,00 |
|        | BT 50   | 32     | 70   | 56   | 58 | 38   | 24   |                          |                          | <del>232,60</del> | 177,90 |
|        | BT 50   | 40     | 70   | 56   | 70 | 41   | 27   |                          |                          | <del>241,00</del> | 184,50 |

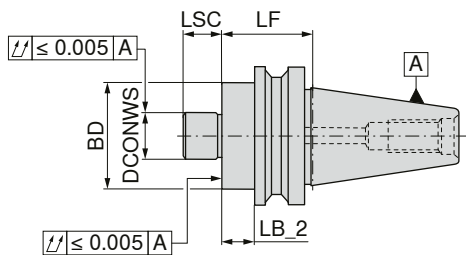
1) S poprečnim vijkom

## Nasadni trn glodala u poprečnom utoru

- ▲ S pričvršćenim blokovima zahvatnika i povećanom dodirnom površinom za glodalo s poprečnim utorom
- ▲ Za AD primjenu potrebno je upotrijebiti diferencijalni vijak sa stranice 16/129 glavnog kataloga

**Opseg isporuke:**

### Osnovno tijelo uključujući pritezni vijak



|        |         |        |      |    |    |                                            |                                                                                     |                                                                                     |
|--------|---------|--------|------|----|----|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|        |         |        |      |    |    |                                            |  |  |
|        |         |        |      |    |    |                                            | AD<br>G 6,3 n <sub>maks</sub> 8000                                                  | AD<br>G 2,5 n <sub>maks</sub> 25.000                                                |
|        | Prihvat | DCONWS | LB_2 | LF | BD | LSC                                        | Artikl br.<br>82 514 ...                                                            | Artikl br.<br>80 544 ...                                                            |
|        |         | mm     | mm   | mm | mm | mm                                         | KM                                                                                  | KM                                                                                  |
| Kratki | BT 40   | 16     | 8    | 35 | 38 | 17                                         |                                                                                     | <del>152,22</del> 98,10 116                                                         |
|        | BT 40   | 22     | 8    | 35 | 45 | 19                                         |                                                                                     | <del>161,60</del> 98,10 122                                                         |
|        | BT 40   | 27     | 8    | 35 | 60 | 21                                         |                                                                                     | <del>164,50</del> 98,10 127                                                         |
|        | BT 40   | 32     | 23   | 50 | 78 | 24                                         |                                                                                     | <del>173,00</del> 105,00 132                                                        |
|        | BT 40   | 40     | 23   | 50 | 89 | 27                                         |                                                                                     | <del>188,22</del> 127,10 140                                                        |
|        |         |        |      |    |    |                                            |                                                                                     |                                                                                     |
|        | BT 50   | 16     | 25   | 63 | 38 | 17                                         | <del>175,20</del> 134,00 316                                                        |                                                                                     |
|        | BT 50   | 22     | 25   | 63 | 48 | 19                                         | <del>179,50</del> 137,30 322                                                        |                                                                                     |
|        | BT 50   | 27     | 25   | 63 | 58 | 21                                         | <del>185,60</del> 142,00 327                                                        |                                                                                     |
|        | BT 50   | 32     | 22   | 60 | 78 | 24                                         | <del>190,70</del> 146,00 332                                                        |                                                                                     |
| BT 50  | 40      | 22     | 60   | 88 | 27 | <del>193,30</del> 147,90 340 <sup>1)</sup> |                                                                                     |                                                                                     |

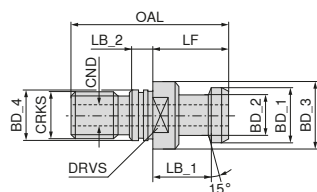
1) S križnim vijkom i 4 navojna provrta M12 na ravni, Ø kruga rupe = 66,7 mm, izlaz rashladnog sredstva na vanjskom Ø rukavca (DCONWS)!

## Pritezni svornjak za prihvati alata u skladu s ISO 7388-2

▲ MAS-BT 15° oblik A

### Opseg isporuke:

Uključujući O-prsten



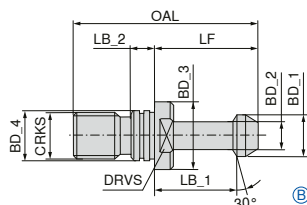
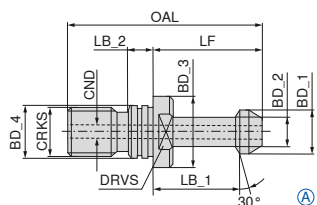
| Prihvat | BD_1 | BD_2 | BD_3 | BD_4 | CRKS | OAL | LF | LB_1 | LB_2 | CND | DRVS | TQX | Artikl br. 83 532 ... |       |     |
|---------|------|------|------|------|------|-----|----|------|------|-----|------|-----|-----------------------|-------|-----|
|         | mm   | mm   | mm   | mm   |      | mm  | mm | mm   | mm   | mm  | mm   | Nm  | KM                    | KM    |     |
| BT 40   | 19   | 14   | 23   | 17   | M16  | 54  | 29 | 23   | 5    | 5   | 19   | 90  | <del>14,80</del>      | 13,40 | 040 |

## Pritezni svornjak za prihvati alata u skladu s ISO 7388-2

▲ MAS-BT 30° oblik A i B

### Opseg isporuke:

Uključujući O-prsten



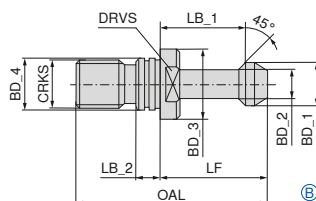
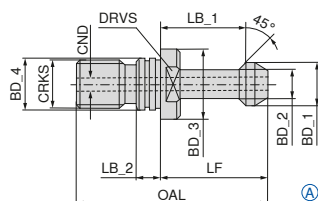
| Prihvat | BD_1 | BD_2 | BD_3 | BD_4 | CRKS | OAL | LF | LB_1 | LB_2 | CND | DRVS | TQX | Oblik | Artikl br. 82 533 ... |       | Artikl br. 82 531 ... |       |
|---------|------|------|------|------|------|-----|----|------|------|-----|------|-----|-------|-----------------------|-------|-----------------------|-------|
|         | mm   | mm   | mm   | mm   |      | mm  | mm | mm   | mm   | mm  | mm   | Nm  |       | KM                    | KM    | KM                    | KM    |
| BT 40   | 15   | 10   | 23   | 17   | M16  | 60  | 35 | 28   | 5,5  | 4   | 19   | 90  | A     |                       |       | <del>17,00</del>      | 15,00 |
| BT 40   | 15   | 10   | 23   | 17   | M16  | 60  | 35 | 28   | 5,5  |     | 19   | 90  | B     | <del>13,90</del>      | 11,70 | 040                   |       |
| BT 50   | 23   | 17   | 38   | 25   | M24  | 85  | 45 | 35   | 8,0  | 6   | 30   | 145 | A     |                       |       | <del>24,20</del>      | 18,50 |
| BT 50   | 23   | 17   | 38   | 25   | M24  | 85  | 45 | 35   | 8,0  |     | 30   | 145 | B     | <del>22,30</del>      | 17,10 | 050                   |       |

## Pritezni svornjak za prihvati alata u skladu s ISO 7388-2

▲ MAS-BT 45° oblik A i B

### Opseg isporuke:

Uključujući O-prsten



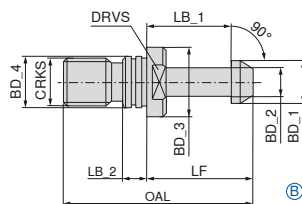
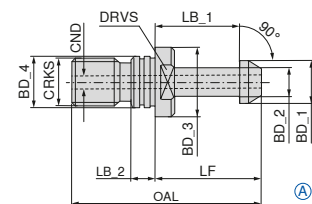
| Prihvat | BD_1 | BD_2 | BD_3 | BD_4 | CRKS | OAL | LF | LB_1 | LB_2 | CND | DRVS | TQX | Oblik | Artikl br. 82 530 ... |       | Artikl br. 82 534 ... |       |
|---------|------|------|------|------|------|-----|----|------|------|-----|------|-----|-------|-----------------------|-------|-----------------------|-------|
|         | mm   | mm   | mm   | mm   |      | mm  | mm | mm   | mm   | mm  | mm   | Nm  |       | KM                    | KM    | KM                    | KM    |
| BT 40   | 15   | 10   | 23   | 17   | M16  | 60  | 35 | 28   | 5,5  | 4   | 19   | 90  | A     |                       |       | <del>17,00</del>      | 15,00 |
| BT 40   | 15   | 10   | 23   | 17   | M16  | 60  | 35 | 28   | 5,5  |     | 19   | 90  | B     | <del>13,00</del>      | 11,70 | 040                   |       |
| BT 50   | 23   | 17   | 38   | 25   | M24  | 85  | 45 | 35   | 8,0  | 6   | 30   | 145 | A     |                       |       | <del>24,20</del>      | 18,50 |
| BT 50   | 23   | 17   | 38   | 25   | M24  | 85  | 45 | 35   | 8,0  |     | 30   | 145 | B     | <del>22,30</del>      | 17,20 | 050                   |       |

## Pritezni svornjak za prihvati alata u skladu s ISO 7388-2

▲ MAS-BT 90° oblik A i B

### Opseg isporuke:

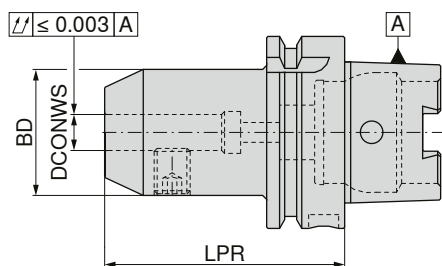
Uključujući O-prsten



| Prihvat | BD_1 | BD_2 | BD_3 | BD_4 | CRKS | OAL | LF | LB_1 | LB_2 | CND | DRVS | TQX | Oblik | Artikl br. 82 536 ... |       | Artikl br. 82 537 ... |       |
|---------|------|------|------|------|------|-----|----|------|------|-----|------|-----|-------|-----------------------|-------|-----------------------|-------|
|         | mm   | mm   | mm   | mm   |      | mm  | mm | mm   | mm   | mm  | mm   | Nm  |       | KM                    | KM    | KM                    | KM    |
| BT 40   | 15   | 10   | 23   | 17   | M16  | 60  | 35 | 28   | 5,5  | 4   | 19   | 90  | A     |                       |       | <del>17,00</del>      | 15,00 |
| BT 40   | 15   | 10   | 23   | 17   | M16  | 60  | 35 | 28   | 5,5  |     | 19   | 90  | B     | <del>13,00</del>      | 11,70 | 040                   |       |
| BT 50   | 23   | 17   | 38   | 25   | M24  | 85  | 45 | 35   | 8,0  | 6   | 30   | 145 | A     |                       |       | <del>24,20</del>      | 18,50 |
| BT 50   | 23   | 17   | 38   | 25   | M24  | 85  | 45 | 35   | 8,0  |     | 30   | 145 | B     | <del>22,30</del>      | 17,20 | 050                   |       |

## Prihvati cilindričnog držača (Weldon)

▲ Za držače u skladu s DIN 6535 HB/1835 B s bočnom steznom površinom



AD

G 2,5 n<sub>maks.</sub> 18.000
 Artikl br.  
81 736 ...

KM

KM



AD

G 2,5 n<sub>maks.</sub> 18.000
 Artikl br.  
81 731 ...

KM

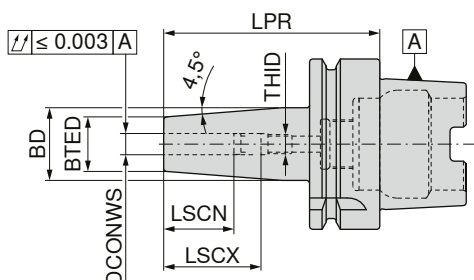
KM

|         | Prihvati | DCONWS <sub>H4</sub> | LPR | BD |                   |        |     |  |                   |            |
|---------|----------|----------------------|-----|----|-------------------|--------|-----|--|-------------------|------------|
|         |          | mm                   | mm  | mm |                   |        |     |  |                   |            |
| Kratki  | HSK-A 63 | 6                    | 65  | 25 |                   |        |     |  | <del>271,60</del> | 184,60 606 |
|         | HSK-A 63 | 8                    | 65  | 28 |                   |        |     |  | <del>271,60</del> | 176,50 608 |
|         | HSK-A 63 | 10                   | 65  | 35 |                   |        |     |  | <del>271,60</del> | 176,50 610 |
|         | HSK-A 63 | 12                   | 80  | 42 |                   |        |     |  | <del>271,60</del> | 176,50 612 |
|         | HSK-A 63 | 14                   | 80  | 44 |                   |        |     |  | <del>271,60</del> | 176,50 614 |
|         | HSK-A 63 | 16                   | 80  | 48 |                   |        |     |  | <del>271,60</del> | 176,50 616 |
|         | HSK-A 63 | 18                   | 80  | 50 |                   |        |     |  | <del>271,60</del> | 176,50 618 |
|         | HSK-A 63 | 20                   | 80  | 52 |                   |        |     |  | <del>271,60</del> | 176,50 620 |
|         | HSK-A 63 | 25                   | 110 | 65 |                   |        |     |  | <del>288,50</del> | 192,70 625 |
|         | HSK-A 63 | 32                   | 110 | 72 |                   |        |     |  | <del>317,60</del> | 206,20 632 |
| Dugački | HSK-A 63 | 6                    | 100 | 25 | <del>313,00</del> | 206,20 | 606 |  |                   |            |
|         | HSK-A 63 | 8                    | 100 | 28 | <del>311,00</del> | 203,70 | 608 |  |                   |            |
|         | HSK-A 63 | 10                   | 100 | 35 | <del>311,00</del> | 203,70 | 610 |  |                   |            |
|         | HSK-A 63 | 12                   | 100 | 42 | <del>311,00</del> | 203,70 | 612 |  |                   |            |
|         | HSK-A 63 | 16                   | 100 | 48 | <del>311,00</del> | 203,70 | 616 |  |                   |            |
|         | HSK-A 63 | 40                   | 125 | 80 | <del>225,30</del> | 225,30 | 640 |  |                   |            |

## Termoskupljajući prihvati 4,5°

▲ Za VHM i HSS držače s h6 tolerancijom ili boljom

TG

AD  
G 2,5 n<sub>maks.</sub> 18.000Artikli br.  
82 310 ...

|              | Prihvati | DCONWS | LPR | BTED | BD | LSCX | LSCN | THID  |  | KM                | KM     |       |
|--------------|----------|--------|-----|------|----|------|------|-------|--|-------------------|--------|-------|
|              |          | mm     | mm  | mm   | mm | mm   | mm   |       |  |                   |        |       |
| Kratki       | HSK-A 63 | 3      | 80  | 10   | 15 | 22   | 12   |       |  | <del>205,00</del> | 205,60 | 10357 |
|              | HSK-A 63 | 4      | 80  | 15   | 22 | 26   | 16   |       |  | <del>250,00</del> | 205,60 | 10457 |
|              | HSK-A 63 | 5      | 80  | 15   | 22 | 30   | 20   |       |  | <del>250,00</del> | 205,60 | 10557 |
|              | HSK-A 63 | 6      | 80  | 21   | 27 | 36   | 26   | M5    |  | <del>250,00</del> | 205,60 | 10657 |
|              | HSK-A 63 | 8      | 80  | 21   | 27 | 36   | 26   | M6    |  | <del>250,00</del> | 205,60 | 10857 |
|              | HSK-A 63 | 10     | 85  | 24   | 32 | 41   | 31   | M8x1  |  | <del>250,00</del> | 205,60 | 11057 |
|              | HSK-A 63 | 12     | 90  | 24   | 32 | 47   | 37   | M10x1 |  | <del>250,00</del> | 205,60 | 11257 |
|              | HSK-A 63 | 14     | 90  | 27   | 34 | 47   | 37   | M10x1 |  | <del>250,00</del> | 205,60 | 11457 |
|              | HSK-A 63 | 16     | 95  | 27   | 34 | 50   | 40   | M12x1 |  | <del>250,00</del> | 205,60 | 11657 |
|              | HSK-A 63 | 18     | 95  | 33   | 42 | 50   | 40   | M12x1 |  | <del>250,00</del> | 205,60 | 11857 |
|              | HSK-A 63 | 20     | 100 | 33   | 42 | 52   | 42   | M16x1 |  | <del>250,00</del> | 205,60 | 12057 |
|              | HSK-A 63 | 25     | 115 | 44   | 53 | 58   | 48   | M16x1 |  | <del>250,00</del> | 205,60 | 12557 |
|              | HSK-A 63 | 32     | 120 | 44   | 53 | 62   | 52   | M16x1 |  | <del>250,00</del> | 205,60 | 13257 |
| Dugački      | HSK-A 63 | 3      | 120 | 10   | 20 | 12   | 12   |       |  | <del>405,10</del> | 344,50 | 20357 |
|              | HSK-A 63 | 4      | 120 | 15   | 22 | 16   | 16   |       |  | <del>305,50</del> | 337,00 | 20457 |
|              | HSK-A 63 | 5      | 120 | 15   | 22 | 20   | 20   |       |  | <del>305,50</del> | 337,00 | 20557 |
|              | HSK-A 63 | 6      | 120 | 21   | 27 | 36   | 26   | M5    |  | <del>362,00</del> | 304,90 | 20657 |
|              | HSK-A 63 | 8      | 120 | 21   | 27 | 36   | 26   | M6    |  | <del>362,00</del> | 304,90 | 20857 |
|              | HSK-A 63 | 10     | 120 | 24   | 32 | 41   | 31   | M8x1  |  | <del>362,00</del> | 304,90 | 21057 |
|              | HSK-A 63 | 12     | 120 | 24   | 32 | 47   | 37   | M10x1 |  | <del>362,00</del> | 304,90 | 21257 |
|              | HSK-A 63 | 14     | 120 | 27   | 34 | 47   | 37   | M10x1 |  | <del>362,00</del> | 307,50 | 21457 |
|              | HSK-A 63 | 16     | 120 | 27   | 34 | 50   | 40   | M12x1 |  | <del>362,00</del> | 307,50 | 21657 |
|              | HSK-A 63 | 18     | 120 | 33   | 42 | 50   | 40   | M12x1 |  | <del>362,00</del> | 307,50 | 21857 |
|              | HSK-A 63 | 20     | 120 | 33   | 42 | 52   | 42   | M16x1 |  | <del>362,00</del> | 307,50 | 22057 |
|              | HSK-A 63 | 25     | 120 | 44   | 53 | 58   | 48   | M16x1 |  | <del>362,00</del> | 307,50 | 22557 |
| Vrlo dugački | HSK-A 63 | 3      | 160 | 10   | 20 | 12   | 12   |       |  | <del>453,70</del> | 383,70 | 30357 |
|              | HSK-A 63 | 4      | 160 | 15   | 22 | 16   | 16   |       |  | <del>443,80</del> | 373,90 | 30457 |
|              | HSK-A 63 | 5      | 160 | 15   | 22 | 20   | 20   |       |  | <del>443,80</del> | 373,90 | 30557 |
|              | HSK-A 63 | 6      | 160 | 21   | 27 | 36   | 26   | M5    |  | <del>405,10</del> | 346,90 | 30657 |
|              | HSK-A 63 | 8      | 160 | 21   | 27 | 36   | 26   | M6    |  | <del>405,10</del> | 346,90 | 30857 |
|              | HSK-A 63 | 10     | 160 | 24   | 32 | 41   | 31   | M8x1  |  | <del>405,10</del> | 346,90 | 31057 |
|              | HSK-A 63 | 12     | 160 | 24   | 32 | 47   | 37   | M10x1 |  | <del>405,10</del> | 346,90 | 31257 |
|              | HSK-A 63 | 14     | 160 | 27   | 34 | 47   | 37   | M10x1 |  | <del>405,10</del> | 346,90 | 31457 |
|              | HSK-A 63 | 16     | 160 | 27   | 34 | 50   | 40   | M12x1 |  | <del>405,10</del> | 346,90 | 31657 |
|              | HSK-A 63 | 18     | 160 | 33   | 42 | 50   | 40   | M12x1 |  | <del>405,10</del> | 346,90 | 31857 |
|              | HSK-A 63 | 20     | 160 | 33   | 42 | 52   | 42   | M16x1 |  | <del>405,10</del> | 346,90 | 32057 |
|              | HSK-A 63 | 25     | 160 | 44   | 53 | 62   | 52   | M16x1 |  | <del>405,10</del> | 346,90 | 32557 |

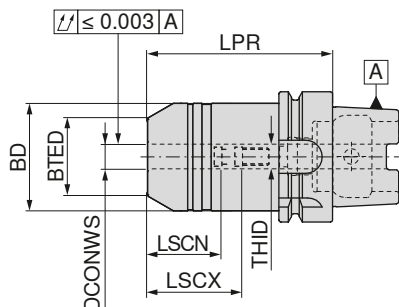
i Poštujte minimalno dubino stezanja → Glavni katalog, Poglavlje 16, Stranica 233

## Hidraulična stezna glava, kratka i stabilna

▲ Za VHM i HSS drške s h6 tolerancijom ili boljom

### Opseg isporuke:

Osnovno tijelo uključujući zaustavni vijak i tlačni vijak



AD

G 2,5 n<sub>maks.</sub> 25.000

Artikl br.  
80 739 ...

KM

KM

|                          | Prihvat  | DCONWS | LPR | BTED | BD   | LSCX | LSCN | THID |                                                                 |
|--------------------------|----------|--------|-----|------|------|------|------|------|-----------------------------------------------------------------|
|                          |          | mm     | mm  | mm   | mm   | mm   | mm   |      |                                                                 |
| <b>Kratki i stabilni</b> | HSK-A 63 | 20     | 80  | 38   | 52,5 | 51   | 41   | M8x1 | <div> <div>590,00</div> <div>389,00</div> <div>120</div> </div> |



Odgovarajuće redukcijske naglavke možete pronaći → **Glavni katalog, Poglavlje 17, Stranica 32**

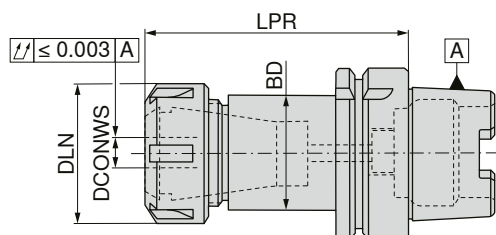
Poštujte minimalno dubino stezanja → **Glavni katalog, Poglavlje 16, Stranica 233**



## ER stezna glava sa steznom čahurom

### Opseg isporuke:

Osnovno tijelo uključujući pretturnu maticu i zaustavni vijak



AD

G 2,5 n<sub>maks</sub> 18.000Artikl br.  
81 735 ...

KM

KM

616



AD

G 6,3 n<sub>maks</sub> 15.000Artikl br.  
81 737 ...

KM

KM

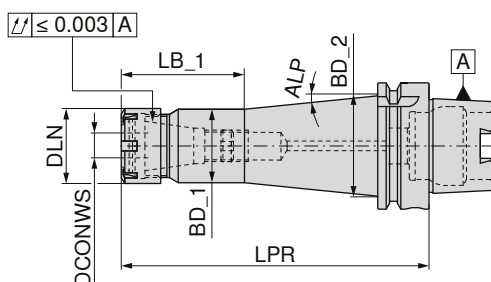
625

|                 | Prihvat  | DCONWS | LPR | DLN | BD | Za steznu čahurom |                   |        |     |  |
|-----------------|----------|--------|-----|-----|----|-------------------|-------------------|--------|-----|--|
|                 |          | mm     | mm  | mm  | mm |                   |                   |        |     |  |
| Dugački         | HSK-A 63 | 1 - 10 | 100 | 22  | 19 | 426E (ER16 mini)  | <del>299,50</del> | 171,10 | 616 |  |
|                 | HSK-A 63 | 1 - 16 | 100 | 42  | 32 | 430E (ER25)       | <del>299,50</del> | 171,10 | 625 |  |
|                 | HSK-A 63 | 2 - 20 | 100 | 50  | 50 | 470E (ER32)       | <del>398,40</del> | 176,50 | 632 |  |
| Srednje dugački | HSK-A 63 | 2 - 26 | 120 | 63  | 50 | 472E (ER40)       | <del>321,64</del> | 184,60 | 640 |  |
| Vrlo dugački    | HSK-A 63 | 2 - 20 | 160 | 50  | 50 | 470E (ER32)       |                   |        |     |  |
|                 | HSK-A 63 | 3 - 26 | 160 | 63  | 63 | 472E (ER40)       |                   |        |     |  |

## ER stezna glava sa steznom čahurom

### Opseg isporuke:

Osnovno tijelo uključujući pretturnu maticu i zaustavni vijak



AD

G 6,3 n<sub>maks</sub> 15.000Artikl br.  
81 737 ...

KM

KM

616

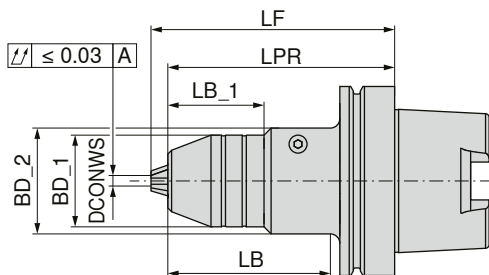
|              | Prihvat  | DCONWS | LPR | DLN | BD_1 | BD_2 | LB_1 | ALP | Za steznu čahurom |                   |        |     |
|--------------|----------|--------|-----|-----|------|------|------|-----|-------------------|-------------------|--------|-----|
|              |          | mm     | mm  | mm  | mm   | mm   | mm   | °   |                   |                   |        |     |
| Vrlo dugački | HSK-A 63 | 1 - 10 | 160 | 22  | 22   | 35,0 | 57   | 5   | 426E (ER16 mini)  | <del>427,40</del> | 249,70 | 616 |
|              | HSK-A 63 | 1 - 16 | 160 | 35  | 35   | 46,1 | 68   | 5   | 430E (ER25 mini)  | <del>414,20</del> | 244,30 | 625 |

## Kratka stezna glava – NC 2010

- ▲ Neovisno o smjeru okretanja
- ▲ Pritezni moment = 12 Nm

### Opseg isporuke:

Osnovno tijelo uključujući stezni ključ SW4



AD  
G 6,3 n<sub>max</sub> 10.000

Artikl br.  
84 716 ...

| Prihvat  | DCONWS   | BD_1 | BD_2 | LB_1 | LPR   | LF    |  |                   |        |
|----------|----------|------|------|------|-------|-------|--|-------------------|--------|
|          | mm       | mm   | mm   | mm   | mm    | mm    |  |                   |        |
| HSK-A 63 | 0,5 - 13 | 48,5 | 56   | 50,9 | 126,0 | 116,9 |  | KM                | KM     |
| HSK-A 63 | 2,5 - 16 | 51,0 | 56   | 50,9 | 127,5 | 116,9 |  | <del>672,00</del> | 543,60 |
|          |          |      |      |      |       |       |  | <del>684,20</del> | 568,20 |
|          |          |      |      |      |       |       |  |                   | 613    |
|          |          |      |      |      |       |       |  |                   | 616    |

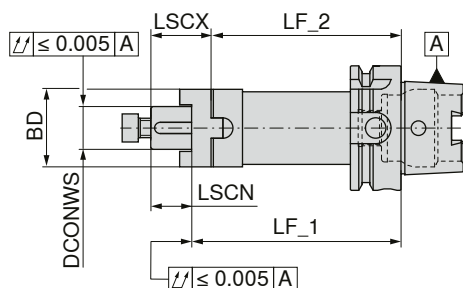
**i** Primjenjivo putem naknadnog balansiranja s G 2,5 do 30.000 o/min!

## Kombinirani nasadni trn glodala

▲ Za glodala s uzdužnim i poprečnim utorom prema DIN 6358

### Opseg isporuke:

Osnovno tijelo uključujući pritezni vijak, zahvatni prsten i dosjedno pero



|         | Prihvat  | DCONWS | LF_1 | LF_2 | BD | LSCX | LSCN | <div>  <br/>A </div> |            | <div>  <br/>A </div> |            |
|---------|----------|--------|------|------|----|------|------|---------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------|------------|
|         |          |        |      |      |    |      |      | G 6,3 n <sub>maks</sub>                                                                                 | 15.000     | G 6,3 n <sub>maks</sub>                                                                                 | 15.000     |
|         |          | mm     | mm   | mm   | mm | mm   | mm   | Artikl br.                                                                                              | Artikl br. |                                                                                                         |            |
|         |          |        |      |      |    |      |      | 81 738 ...                                                                                              | 81 739 ... |                                                                                                         |            |
|         |          |        |      |      |    |      |      | KM                                                                                                      | KM         | KM                                                                                                      | KM         |
| Kratki  | HSK-A 63 | 16     | 60   | 50   | 32 | 27   | 17   | <del>300,00</del>                                                                                       | 179,50     | 616                                                                                                     |            |
|         | HSK-A 63 | 22     | 60   | 48   | 40 | 31   | 19   | <del>303,00</del>                                                                                       | 184,60     | 622                                                                                                     |            |
|         | HSK-A 63 | 27     | 60   | 48   | 48 | 33   | 21   | <del>315,00</del>                                                                                       | 192,70     | 627                                                                                                     |            |
|         | HSK-A 63 | 32     | 60   | 46   | 53 | 38   | 24   | <del>323,70</del>                                                                                       | 198,10     | 632                                                                                                     |            |
|         | HSK-A 63 | 40     | 70   | 56   | 70 | 41   | 27   | <del>328,00</del>                                                                                       | 201,10     | 640                                                                                                     |            |
| Dugački | HSK-A 63 | 16     | 100  | 90   | 32 | 27   | 17   |                                                                                                         |            | <del>328,00</del>                                                                                       | 201,10 616 |
|         | HSK-A 63 | 22     | 100  | 88   | 40 | 31   | 19   |                                                                                                         |            | <del>328,00</del>                                                                                       | 201,10 622 |
|         | HSK-A 63 | 27     | 100  | 88   | 48 | 33   | 21   |                                                                                                         |            | <del>332,60</del>                                                                                       | 203,70 627 |
|         | HSK-A 63 | 32     | 100  | 86   | 58 | 38   | 24   |                                                                                                         |            | <del>352,40</del>                                                                                       | 214,60 632 |
|         | HSK-A 63 | 40     | 100  | 86   | 70 | 41   | 27   |                                                                                                         |            | <del>405,30</del>                                                                                       | 246,90 640 |

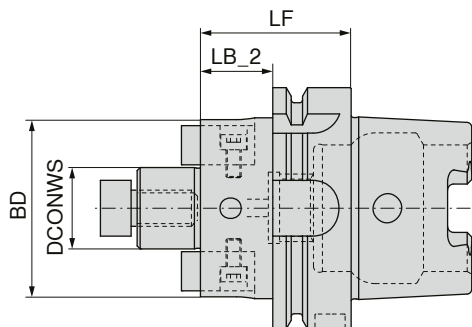
**i** Predbalansiranje se vrši pri kombi. nasadnem trnu glodala bez zahvatnog prstena, dosjednog pera i priteznog vijka!

## Nasadni trn glodala u poprečnom utoru

- ▲ Povećana površina postavljanja (Ø BD)
- ▲ Za glodalo s poprečnim utorom ISO 3937

### Opseg isporuke:

Osnovno tijelo uključujući pritezni vijak, zahvatnik



A  
G 2,5  $n_{maks.}$  18.000

Artikl br.  
81 741 ...

|        | Prihvat  | DCONWS | LB_2 | LF | BD |                   |        |                   |
|--------|----------|--------|------|----|----|-------------------|--------|-------------------|
|        |          | mm     | mm   | mm | mm |                   |        |                   |
| Kratki | HSK-A 63 | 16     | 24   | 50 | 38 | <del>249,00</del> | 152,30 | 616               |
|        | HSK-A 63 | 22     | 24   | 50 | 48 | <del>259,30</del> | 154,80 | 622               |
|        | HSK-A 63 | 27     | 34   | 60 | 58 | <del>266,50</del> | 163,00 | 627               |
|        | HSK-A 63 | 32     | 34   | 60 | 78 | <del>277,40</del> | 168,30 | 632               |
|        | HSK-A 63 | 40     | 34   | 60 | 88 | <del>321,60</del> | 195,50 | 640 <sup>1)</sup> |

1) S križnim vijkom i 4 navojna provrta M12 na ravlini, Ø kruga rupe = 66,7 mm

## Cijev za isporuku rashladnog sredstva

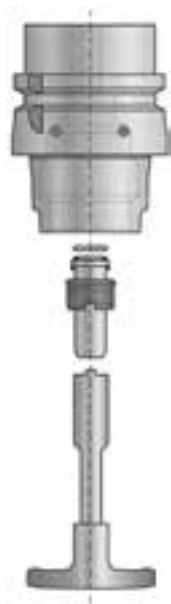
### Opseg isporuke:

Kompletna, uključujući brtvene prstene



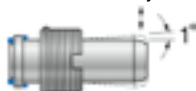
|         |         |                              |            |
|---------|---------|------------------------------|------------|
| Prihvat | THOD    | Artikl br.                   | 83 760 ... |
| HSK 63  | M18 x 1 | KM <del>18,70</del> KM 15,70 | 063        |

## Cijev za rashladno sredstvo za HSK alate



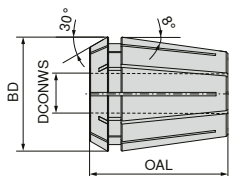
**i** Instalacija cijevi za rashladno sredstvo je idealno u vertikalnom smjeru – od dna do vrha. Time se sprečava, da prsten za brtvljenje sklizne kada se zavrne ili se gurne i time izgubi funkciju brtvljenja. Cijev rashladnog sredstva je nakon ugradnje, prema DIN, minimalno pomična ( $\pm 1^\circ$ ).

Pokretljivost



## ER stezna čahura

- ▲ DIN ISO 15488-B (stari DIN 6499-B)
- ▲ S 16-strukim prorezom
- ▲ Stezna čahura s dvostrukim konusom

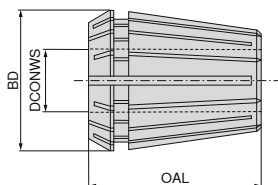
ER-B  
10 µm

| DCONWS | mm | BD = 17<br>OAL = 27,5<br>426 E / ER16 |       | Artikl br.<br>82 663 ... | BD = 26<br>OAL = 34<br>430 E / ER25 |       | Artikl br.<br>82 664 ... | BD = 33<br>OAL = 40<br>470 E / ER32 |       | Artikl br.<br>82 665 ... |
|--------|----|---------------------------------------|-------|--------------------------|-------------------------------------|-------|--------------------------|-------------------------------------|-------|--------------------------|
|        |    | KM                                    | KM    |                          | KM                                  | KM    |                          | KM                                  | KM    |                          |
| 1      |    | <del>30,40</del>                      | 32,55 | 01000                    |                                     |       |                          |                                     |       |                          |
| 2      |    | <del>30,40</del>                      | 32,55 | 02000                    | <del>41,20</del>                    | 33,82 | 02000                    |                                     |       |                          |
| 3      |    | <del>30,40</del>                      | 32,55 | 03000                    | <del>41,20</del>                    | 33,82 | 03000                    | <del>49,70</del>                    | 36,61 | 03000                    |
| 4      |    | <del>30,40</del>                      | 32,55 | 04000                    | <del>41,20</del>                    | 33,82 | 04000                    | <del>49,70</del>                    | 36,61 | 04000                    |
| 5      |    | <del>30,40</del>                      | 32,55 | 05000                    | <del>41,20</del>                    | 33,82 | 05000                    | <del>49,70</del>                    | 36,61 | 05000                    |
| 6      |    | <del>30,40</del>                      | 32,55 | 06000                    | <del>41,20</del>                    | 33,82 | 06000                    | <del>49,70</del>                    | 36,61 | 06000                    |
| 7      |    | <del>30,40</del>                      | 32,55 | 07000                    | <del>41,20</del>                    | 33,82 | 07000                    | <del>49,70</del>                    | 36,61 | 07000                    |
| 8      |    | <del>30,40</del>                      | 32,55 | 08000                    | <del>41,20</del>                    | 33,82 | 08000                    | <del>49,70</del>                    | 36,61 | 08000                    |
| 9      |    | <del>30,40</del>                      | 32,55 | 09000                    | <del>41,20</del>                    | 33,82 | 09000                    | <del>49,70</del>                    | 36,61 | 09000                    |
| 10     |    | <del>30,40</del>                      | 32,55 | 10000                    | <del>41,20</del>                    | 33,82 | 10000                    | <del>49,70</del>                    | 36,61 | 10000                    |
| 11     |    |                                       |       |                          | <del>41,20</del>                    | 33,82 | 11000                    | <del>49,70</del>                    | 36,61 | 11000                    |
| 12     |    |                                       |       |                          | <del>41,20</del>                    | 33,82 | 12000                    | <del>49,70</del>                    | 36,61 | 12000                    |
| 13     |    |                                       |       |                          | <del>41,20</del>                    | 33,82 | 13000                    | <del>49,70</del>                    | 36,61 | 13000                    |
| 14     |    |                                       |       |                          | <del>41,20</del>                    | 33,82 | 14000                    | <del>49,70</del>                    | 36,61 | 14000                    |
| 15     |    |                                       |       |                          | <del>41,20</del>                    | 33,82 | 15000                    | <del>49,70</del>                    | 36,61 | 15000                    |
| 16     |    |                                       |       |                          | <del>41,20</del>                    | 33,82 | 16000                    | <del>49,70</del>                    | 36,61 | 16000                    |
| 17     |    |                                       |       |                          |                                     |       |                          | <del>49,70</del>                    | 36,61 | 17000                    |
| 18     |    |                                       |       |                          |                                     |       |                          | <del>49,70</del>                    | 36,61 | 18000                    |
| 19     |    |                                       |       |                          |                                     |       |                          | <del>49,70</del>                    | 36,61 | 19000                    |
| 20     |    |                                       |       |                          |                                     |       |                          | <del>49,70</del>                    | 36,61 | 20000                    |

**i** Premoštenje steznog područja: do Ø 2 mm = 0,5 mm od Ø 2,5 mm = 1,0 mm

## ER stezna čahura

- ▲ DIN ISO 15488-B (stari DIN 6499-B)
- ▲ Stezna čahura s dvostrukim konusom
- ▲ S 16-strukim prorezom

ER-B  
20 µm

| DCONWS | BD = 17<br>OAL = 27,5<br>426 E / ER16 |       |       | BD = 26<br>OAL = 34<br>430 E / ER25 |       |       | BD = 33<br>OAL = 40<br>470 E / ER32 |       |       | BD = 41<br>OAL = 46<br>472 E / ER40 |       |       |
|--------|---------------------------------------|-------|-------|-------------------------------------|-------|-------|-------------------------------------|-------|-------|-------------------------------------|-------|-------|
|        | Artikl br.<br>82 673 ...              |       |       | Artikl br.<br>82 675 ...            |       |       | Artikl br.<br>82 676 ...            |       |       | Artikl br.<br>82 677 ...            |       |       |
| mm     | KM                                    | KM    |       | KM                                  | KM    |       | KM                                  | KM    |       | KM                                  | KM    |       |
| 1      | <del>38,50</del>                      | 33,56 | 01000 |                                     |       |       |                                     |       |       |                                     |       |       |
| 2      | <del>38,50</del>                      | 33,56 | 02000 | <del>41,30</del>                    | 36,10 | 02000 |                                     |       |       |                                     |       |       |
| 3      | <del>31,20</del>                      | 27,21 | 03000 | <del>30,80</del>                    | 26,95 | 03000 | <del>33,20</del>                    | 28,99 | 03000 | <del>41,90</del>                    | 36,61 | 03000 |
| 4      | <del>31,20</del>                      | 27,21 | 04000 | <del>30,80</del>                    | 26,95 | 04000 | <del>33,20</del>                    | 28,99 | 04000 | <del>41,90</del>                    | 36,61 | 04000 |
| 5      | <del>31,20</del>                      | 27,21 | 05000 | <del>30,80</del>                    | 26,95 | 05000 | <del>33,20</del>                    | 28,99 | 05000 | <del>41,90</del>                    | 36,61 | 05000 |
| 6      | <del>31,20</del>                      | 27,21 | 06000 | <del>30,80</del>                    | 26,95 | 06000 | <del>33,20</del>                    | 28,99 | 06000 | <del>41,90</del>                    | 36,61 | 06000 |
| 7      | <del>31,20</del>                      | 27,21 | 07000 | <del>30,80</del>                    | 26,95 | 07000 | <del>33,20</del>                    | 28,99 | 07000 | <del>41,90</del>                    | 36,61 | 07000 |
| 8      | <del>31,20</del>                      | 27,21 | 08000 | <del>30,80</del>                    | 26,95 | 08000 | <del>33,20</del>                    | 28,99 | 08000 | <del>41,90</del>                    | 36,61 | 08000 |
| 9      | <del>31,20</del>                      | 27,21 | 09000 | <del>30,80</del>                    | 26,95 | 09000 | <del>33,20</del>                    | 28,99 | 09000 | <del>41,90</del>                    | 36,61 | 09000 |
| 10     | <del>31,20</del>                      | 27,21 | 10000 | <del>30,80</del>                    | 26,95 | 10000 | <del>33,20</del>                    | 28,99 | 10000 | <del>41,90</del>                    | 36,61 | 10000 |
| 11     |                                       |       |       | <del>30,80</del>                    | 26,95 | 11000 | <del>33,20</del>                    | 28,99 | 11000 | <del>41,90</del>                    | 36,61 | 11000 |
| 12     |                                       |       |       | <del>30,80</del>                    | 26,95 | 12000 | <del>33,20</del>                    | 28,99 | 12000 | <del>41,90</del>                    | 36,61 | 12000 |
| 13     |                                       |       |       | <del>30,80</del>                    | 26,95 | 13000 | <del>33,20</del>                    | 28,99 | 13000 | <del>41,90</del>                    | 36,61 | 13000 |
| 14     |                                       |       |       | <del>30,80</del>                    | 26,95 | 14000 | <del>33,20</del>                    | 28,99 | 14000 | <del>41,90</del>                    | 36,61 | 14000 |
| 15     |                                       |       |       | <del>30,80</del>                    | 26,95 | 15000 | <del>33,20</del>                    | 28,99 | 15000 | <del>41,90</del>                    | 36,61 | 15000 |
| 16     |                                       |       |       | <del>30,80</del>                    | 26,95 | 16000 | <del>33,20</del>                    | 28,99 | 16000 | <del>41,90</del>                    | 36,61 | 16000 |
| 17     |                                       |       |       |                                     |       |       | <del>33,20</del>                    | 28,99 | 17000 | <del>41,90</del>                    | 36,61 | 17000 |
| 18     |                                       |       |       |                                     |       |       | <del>33,20</del>                    | 28,99 | 18000 | <del>41,90</del>                    | 36,61 | 18000 |
| 19     |                                       |       |       |                                     |       |       | <del>33,20</del>                    | 28,99 | 19000 | <del>41,90</del>                    | 36,61 | 19000 |
| 20     |                                       |       |       |                                     |       |       | <del>33,20</del>                    | 28,99 | 20000 | <del>41,90</del>                    | 36,61 | 20000 |
| 21     |                                       |       |       |                                     |       |       |                                     |       |       | <del>41,90</del>                    | 36,61 | 21000 |
| 22     |                                       |       |       |                                     |       |       |                                     |       |       | <del>41,90</del>                    | 36,61 | 22000 |
| 23     |                                       |       |       |                                     |       |       |                                     |       |       | <del>41,90</del>                    | 36,61 | 23000 |
| 24     |                                       |       |       |                                     |       |       |                                     |       |       | <del>41,90</del>                    | 36,61 | 24000 |
| 25     |                                       |       |       |                                     |       |       |                                     |       |       | <del>41,90</del>                    | 36,61 | 25000 |
| 26     |                                       |       |       |                                     |       |       |                                     |       |       | <del>41,90</del>                    | 36,61 | 26000 |

**i** Premoštenje steznog područja: do Ø 3,0 mm = 0,5 mm, od Ø 4,0 mm = 1,0 mm

# UJEDINJENO. KOMPETENTNO. OBRAĐENO.



**SPECIJALIST ZA ALATE S OKRETNIM PLOČICAMA  
ZA TOKARENJE, GLODANJE I UREZIVANJE**

Robna marka CERATIZIT označava visoko kvalitetne alate sa okretnim pločicama. Proizvodi se odlikuju visokom kvalitetom i sadrže DNK dugogodišnjeg iskustva u razvoju i proizvodnji alata od tvrdog metala.



**SINONIM KVALITETE ZA UČINKOVITO BUŠENJE**

Visoko precizno bušenje, razvrtanje, upuštanje i modularna završna obrada je stvar stručnjaka: Učinkovita alatna rješenja za bušenje i mehatronički alati nose ime KOMET.



**EKSPERT ZA ROTIRAJUĆE ALATE, PRIHVATE  
ALATA I RJEŠENJA STEZANJA ALATA**

WNT je sinonim za raznolikost proizvoda: Rotirajući alati od tvrdog metala i HSS-a, prihvatni alata i učinkovita rješenja za stezanje obratka dodijeljeni su ovoj marki.



**VRHUNSKI ALATI ZA STROJNU OBRADU  
ZA ZRAKOPLOVNU I SVEMIRSKU INDUSTRIJU**

Posebno razvijeno za zrakoplovnu i svemirsku industriju: Svrdla od tvrdog metala nose naziv proizvoda KLENK. Visoko specijalizirani proizvodi za strojnu obradu lakih materijala.



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