

Taper shank arbors KD

A04

Taper shank arbors with drill chuck taper DIN 238 completely hardened and ground



| Item no. | Morse taper DIN 228 B | Drill chuck taper | L mm | A mm | C mm | E mm | G mm | H mm | Weight approx. g |
|----------------------|-----------------------|-------------------|-------|-------|--------|------|--------|------|------------------|
| 014897 | 1 | B10 | 86 | 62 | 12,065 | 14,5 | 10,095 | 9,4 | 55 |
| 014898 | 1 | B12 | 89 | 62 | 12,065 | 18,5 | 12,065 | 11,1 | 65 |
| 014899 | 1 | B16 | 97 | 62 | 12,065 | 24 | 15,733 | 14,5 | 90 |
| 014900 | 1 | B18 | 106 | 62 | 12,065 | 32 | 17,78 | 16,2 | 110 |
| 018755 ¹⁾ | 1 | B18 | 97 | 62 | 12,065 | 25 | 17,431 | 16,2 | 95 |
| 014904 | 2 | B10 | 103,5 | 75 | 17,78 | 14,5 | 10,095 | 9,4 | 130 |
| 014905 | 2 | B12 | 106,5 | 75 | 17,78 | 18,5 | 12,065 | 11,1 | 135 |
| 014906 | 2 | B16 | 110,5 | 75 | 17,78 | 24 | 15,733 | 14,5 | 160 |
| 014907 | 2 | B18 | 117,5 | 75 | 17,78 | 32 | 17,78 | 16,2 | 180 |
| 018756 ¹⁾ | 2 | B18 | 108,5 | 75 | 17,78 | 25 | 17,431 | 16,2 | 165 |
| 014908 | 2 | B22 | 128,5 | 75 | 17,78 | 40,5 | 21,793 | 19,8 | 245 |
| 014911 | 3 | B12 | 125 | 94 | 23,825 | 18,5 | 12,065 | 11,1 | 280 |
| 014912 | 3 | B16 | 134 | 94 | 23,825 | 24 | 15,733 | 14,5 | 310 |
| 014913 | 3 | B18 | 141 | 94 | 23,825 | 32 | 17,78 | 16,2 | 320 |
| 018757 ¹⁾ | 3 | B18 | 132 | 94 | 23,825 | 25 | 17,431 | 16,2 | 320 |
| 014914 | 3 | B22 | 147 | 94 | 23,825 | 40,5 | 21,793 | 19,8 | 390 |
| 014915 | 3 | B24 | 158 | 94 | 23,825 | 50,5 | 23,825 | 21,3 | 440 |
| 014916 | 4 | B16 | 159 | 117,5 | 31,267 | 24 | 15,733 | 14,5 | 625 |
| 014917 | 4 | B18 | 168 | 117,5 | 31,267 | 32 | 17,78 | 16,2 | 660 |
| 018758 ¹⁾ | 4 | B18 | 159 | 117,5 | 31,267 | 25 | 17,431 | 16,2 | 640 |
| 014918 | 4 | B22 | 176 | 117,5 | 31,267 | 40,5 | 21,793 | 19,8 | 715 |
| 014919 | 4 | B24 | 185 | 117,5 | 31,267 | 50,5 | 23,825 | 21,3 | 770 |
| 014920 | 5 | B16 | 196 | 149,5 | 44,399 | 24 | 15,733 | 14,5 | 1600 |
| 014921 | 5 | B18 | 204,5 | 149,5 | 44,399 | 32 | 17,78 | 16,2 | 1600 |
| 018759 ¹⁾ | 5 | B18 | 195,5 | 149,5 | 44,399 | 25 | 17,431 | 16,2 | 1560 |
| 014922 | 5 | B22 | 213,5 | 149,5 | 44,399 | 40,5 | 21,793 | 19,8 | 1650 |
| 014923 | 5 | B24 | 224,5 | 149,5 | 44,399 | 50,5 | 23,825 | 21,3 | 1700 |

¹⁾ For SUPRA and SPIRO with shortened mounting taper
Taper shank arbors with tapped shank (type 238) or cylindrical shank type (type 237) on request

A04

Taper shank arbors with Jacobs drill chuck taper completely hardened and ground



| Item no. | Morse taper DIN 228 B | Drill chuck taper | L mm | A mm | C mm | E mm | G mm | H mm | Weight approx. g |
|----------|-----------------------|-------------------|-------|-------|--------|------|--------|------|------------------|
| 014970 | 1 | J1 | 86,5 | 62 | 12,065 | 16,7 | 9,754 | 8,5 | 50 |
| 014971 | 1 | J2 | 92 | 62 | 12,065 | 22,2 | 14,199 | 12,4 | 70 |
| 014972 | 1 | J3 | 101 | 62 | 12,065 | 31 | 20,599 | 19 | 50 |
| 014974 | 1 | J6 | 95 | 62 | 12,065 | 25,4 | 17,17 | 15,9 | 50 |
| 014976 | 2 | J1 | 101 | 75 | 17,78 | 16,7 | 9,754 | 8,5 | 130 |
| 014977 | 2 | J2 | 106,5 | 75 | 17,78 | 22,2 | 14,199 | 12,4 | 160 |
| 014978 | 2 | J3 | 115,5 | 75 | 17,78 | 31 | 20,599 | 19 | 200 |
| 014980 | 2 | J33 | 109,5 | 75 | 17,78 | 25,4 | 15,85 | 14,2 | 160 |
| 014981 | 2 | J6 | 109,5 | 75 | 17,78 | 25,4 | 17,17 | 15,9 | 165 |
| 014983 | 3 | J2 | 126 | 94 | 23,825 | 22,2 | 14,199 | 12,4 | 310 |
| 014984 | 3 | J3 | 135 | 94 | 23,825 | 31 | 20,599 | 19 | 350 |
| 014987 | 3 | J33 | 129 | 94 | 23,825 | 25,4 | 15,85 | 14,2 | 310 |
| 014988 | 3 | J6 | 129 | 94 | 23,825 | 25,4 | 17,17 | 15,9 | 310 |
| 014991 | 4 | J3 | 161 | 117,5 | 31,267 | 31 | 20,599 | 19 | 475 |
| 014995 | 4 | J6 | 155 | 117,5 | 31,267 | 25,4 | 17,17 | 15,9 | 620 |

Reducing sleeves RH

A05

Precision design DIN 2185 completely hardened, ground internal and external



| Item no. | External taper MT | Internal taper MT | L mm | Weight approx. g |
|----------|-------------------|-------------------|------|------------------|
| 017017 | 1 | 0 | 80 | 30 |
| 017018 | 2 | 1 | 92 | 95 |
| 017019 | 3 | 1 | 99 | 250 |
| 017020 | 3 | 2 | 112 | 190 |
| 017021 | 4 | 1 | 124 | 550 |
| 017022 | 4 | 2 | 124 | 480 |
| 017023 | 4 | 3 | 140 | 360 |
| 017024 | 5 | 1 | 156 | 1700 |
| 017025 | 5 | 2 | 156 | 1520 |
| 017026 | 5 | 3 | 156 | 1360 |
| 017027 | 5 | 4 | 171 | 950 |
| 017028 | 6 | 2 | 218 | 4300 |
| 017029 | 6 | 3 | 218 | 4100 |
| 017030 | 6 | 4 | 218 | 3600 |
| 017031 | 6 | 5 | 218 | 2550 |

A05

Taper drift



| Item no. | for MT | Length mm | Weight g |
|----------|--------|-----------|----------|
| 017075 | 0 | 90 | 14 |
| 017076 | 1+2 | 140 | 70 |
| 017077 | 3 | 190 | 150 |
| 017078 | 4 | 225 | 310 |
| 017079 | 5+6 | 265 | 650 |

A05

Taper drift for one-hand-operation

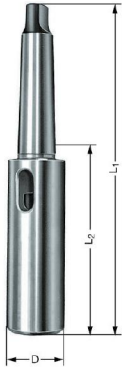


| Item no. | for MT | Length mm | Weight g |
|----------|--------|-----------|----------|
| 317236 | 1-3 | 320 | 320 |
| 317258 | 4-6 | 380 | 520 |

Extensions sleeves VLH

A05

Precision design DIN 2187 completely hardened, ground internal and external



| Item no. | External taper MT | Internal taper MT | D mm | L1 mm | L2 mm | Weight approx. g |
|----------|-------------------|-------------------|------|-------|-------|------------------|
| 029122 | 1 | 1 | 20 | 145 | 83 | 190 |
| 029123 | 1 | 2 | 30 | 160 | 98 | 340 |
| 029124 | 2 | 1 | 20 | 160 | 85 | 250 |
| 029125 | 2 | 2 | 30 | 175 | 100 | 400 |
| 029126 | 2 | 3 | 36 | 196 | 121 | 840 |
| 029127 | 3 | 1 | 20 | 175 | 81 | 400 |
| 029128 | 3 | 2 | 30 | 194 | 100 | 550 |
| 029129 | 3 | 3 | 36 | 215 | 121 | 1000 |
| 029130 | 3 | 4 | 48 | 240 | 146 | 1500 |
| 029131 | 4 | 1 | 20 | 200 | 82,5 | 800 |
| 029132 | 4 | 2 | 30 | 215 | 97,5 | 850 |
| 029133 | 4 | 3 | 36 | 240 | 122,5 | 1300 |
| 029134 | 4 | 4 | 48 | 265 | 147,5 | 1900 |
| 029135 | 4 | 5 | 63 | 300 | 182,5 | 3310 |
| 029136 | 5 | 1 | 20 | 232 | 82,5 | 1800 |
| 029137 | 5 | 2 | 30 | 247 | 97,5 | 1900 |
| 029138 | 5 | 3 | 36 | 268 | 118,5 | 2150 |
| 029139 | 5 | 4 | 48 | 300 | 150,5 | 2750 |
| 029140 | 5 | 5 | 63 | 335 | 185,5 | 4200 |
| 029141 | 6 | 4 | 48 | 355 | 145 | 5420 |
| 029142 | 6 | 5 | 63 | 390 | 180 | 6750 |

Drill and reamer extensions BV

A05

Precision design completely hardened, ground internal and external



| Item no. | External taper MT | Internal taper MT | D mm | L1 mm | L2 mm | Weight approx. g |
|----------|-------------------|-------------------|------|-------|-------|------------------|
| 029143 | 1 | 1 | 20 | 200 | 138 | 250 |
| 029144 | 1 | 1 | 20 | 250 | 188 | 375 |
| 029145 | 1 | 1 | 20 | 300 | 238 | 500 |
| 029146 | 1 | 1 | 20 | 350 | 288 | 625 |
| 029147 | 1 | 1 | 20 | 400 | 338 | 750 |
| 029148 | 1 | 1 | 20 | 450 | 388 | 875 |
| 029149 | 1 | 1 | 20 | 500 | 438 | 1000 |
| 029150 | 2 | 2 | 25 | 200 | 125 | 430 |
| 029151 | 2 | 2 | 25 | 250 | 175 | 625 |
| 029152 | 2 | 2 | 25 | 300 | 225 | 820 |
| 029153 | 2 | 2 | 25 | 350 | 275 | 1015 |
| 029154 | 2 | 2 | 25 | 400 | 325 | 1200 |
| 029155 | 2 | 2 | 25 | 450 | 375 | 1400 |
| 029156 | 2 | 2 | 25 | 500 | 425 | 1600 |
| 029157 | 2 | 2 | 25 | 600 | 525 | 1800 |
| 029158 | 3 | 3 | 32 | 250 | 156 | 1000 |
| 029159 | 3 | 3 | 32 | 300 | 206 | 1300 |
| 029160 | 3 | 3 | 32 | 350 | 256 | 1550 |
| 029161 | 3 | 3 | 32 | 400 | 306 | 1850 |
| 029162 | 3 | 3 | 32 | 450 | 356 | 2100 |
| 029163 | 3 | 3 | 32 | 500 | 406 | 2400 |
| 029164 | 3 | 3 | 32 | 600 | 506 | 2700 |
| 029165 | 4 | 4 | 40 | 300 | 182,5 | 1650 |
| 029166 | 4 | 4 | 40 | 350 | 232,5 | 2150 |
| 029167 | 4 | 4 | 40 | 400 | 282,5 | 2650 |
| 029168 | 4 | 4 | 40 | 450 | 332,5 | 3100 |
| 029169 | 4 | 4 | 40 | 500 | 382,5 | 3600 |
| 029170 | 4 | 4 | 40 | 600 | 482,5 | 4200 |