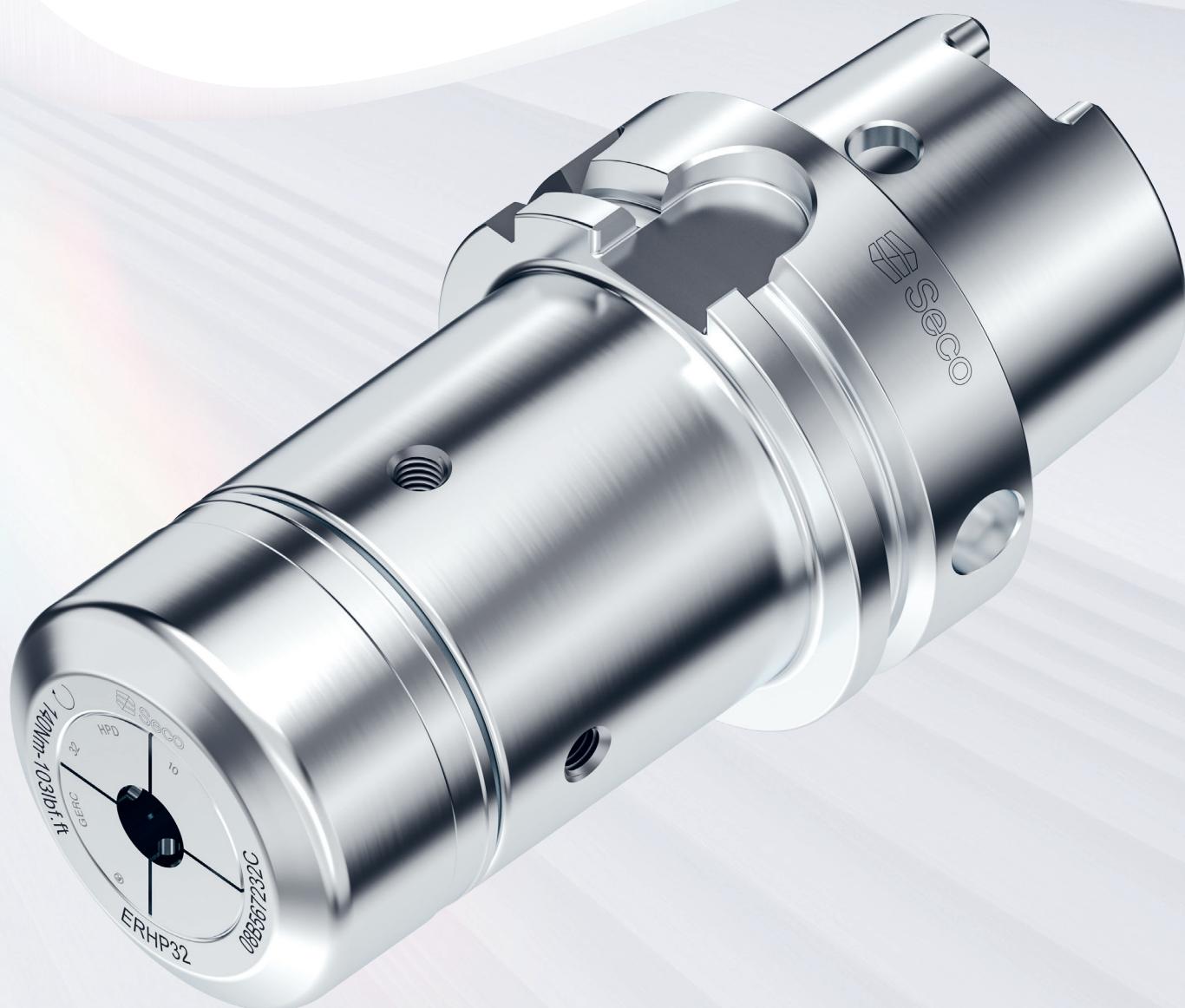




Catalog & technical guide

Tooling Systems 2026.1





At Seco, we make tools, tech, and solutions for the most advanced manufacturing challenges on Earth. From our founding in Fagersta Sweden, to today's global company, our business has always been made to measure, and built on trust.

Combining cutting-edge, precision tools with lasting, personal partnerships, we're a true people company helping our partners discover the future of the manufacturing industry.

We're proud to make for makers, invent for inventors, and partner with pioneers. Driving the future forward with our focus on innovation. In short - if the right tool for the job exists, we'll deliver it. If it doesn't, we'll create it.

We're proud to put sustainability at the heart of everything we do, challenging perceptions of our industry, changing the process of manufacturing, and playing our own small part in shaping a brighter looking future.

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Welcome to Seco Tools Tooling Systems



STTS (Seco Tools Tooling Systems), formerly EPB, was created in 1924 in Bouxwiller located in the eastern part of France, near the German border.

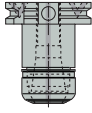
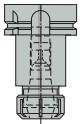
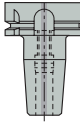
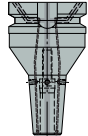
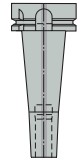
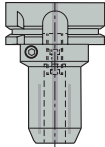
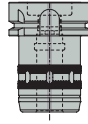
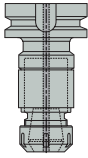
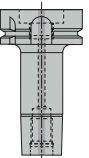
STTS is the competence center for CNC Tooling systems, responsible for the development and the manufacturing of rotating tool holders, Boring heads, and Antivibration solutions within the Seco Tools Group.

With modern production means from latest's generation, and a high degree of automation, STTS is producing a range of Premium solutions with the utmost quality and performance, with an environmental focus.

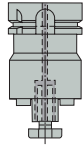
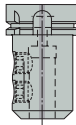
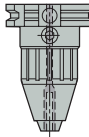
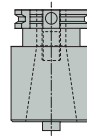

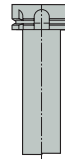
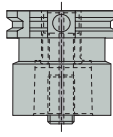
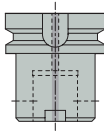
STTS offers a comprehensive range of rotating tool holders including:

- High precision collet chucks, and standard ER collet chucks
- A large range of Shrinkfit holders, standard DIN, reinforced and slim designs
- Hydraulic expansion chucks
- Power Milling chucks
- Synchronized tapping chucks
- Basic holders for the Seco screw-in system Combimaster, also in Steadyline antivibration style
- Different type of face mill holders for tenon driven cutters and disc mill cutters, also in Steadyline antivibration version
- Endmill holders with coolant channels through the face
- NC drill chucks
- Blanks
- Easyshrink EVO Heating device
- Operating accessories like pullstuds, collets, ToolBoy... coming in all kind of classical taper back ends.

Tool holders – Machine side vs Workpiece side

| | ER HP Collet chucks | ER Collet chucks | Shrinkfit DIN 4,5° | Shrinkfit HD | Shrinkfit M&D | Hydro chucks | PMC | ER Tapping chucks | Combimaster |
|---------------------------------|---|---|---|---|---|--|---|---|---|
| HSK-A |  |  |  |  |  |  |  |  |  |
| HSK-E | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) |
| DIN | HSK-A 92, 93, 94 | 100, 101 | 73, 74, 75-83, 84 | 85, 86-89 | 90, 91 | 95, 96, 97 | 98-99 | 103 | 235-236, 237 |
| | HSK-E 111, 112 | | 108, 109 | | 110 | | | | |
| | DIN69871 DIN T/F 130, 131 | 135, 136 | 125, 126 | 127, 128 | 129 | 132, 133 | 134 | 138 | 238-240, 241 |
| BT JIS | DIN2080 | | | | | | | | |
| | BT JIS 164, 165 | 170, 171 | 157-158, 159, 160 | 161, 162 | 163 | 166, 167, 168 | 169 | 173 | 242-243, 244 |
| | BT T/F 192, 193 | 197 | 189-190 | 191 | | 194, 195 | 196 | | 245 |
| CAT | CAT-V 211, 212 | 217, 218 | 205, 206-207, 208 | 209-210 | | 213, 215 | 216 | 219 | 246-247 |
| | CAT-V T/F 227 | 231, 232 | 224-225 | [XXX]-226 | | 228, 229 | 230 | | 248-250 |
| Combimaster | Capto 344, 345 | 349, 350 | 338, 339-340, 341 | 342-343 | | 346, 347 | 348 | 351, 352 | 251-252, 253 |
| | Graflex 288 | 290 | | | | 289 | | | |
| | Combimaster 256 | | | | | | | | 254-255 |
| Graflex | Cylindrical Weldon MT 360, 361 | 362, 363 | | | 357-358 | | | 364, 365-366 | 354, 355, 367, 368 |
| Seco Capto™ | | | | | | | | | |
| Others | | | | | | | | | |
| Operating & setting accessories | | | | | | | | | |
| Shrinkfit | | | | | | | | | |

Tool holders – Machine side vs Workpiece side

| | Shell mill holders | Weldon | NC Drill Chucks | SAXSA adapter | Blanks | Control bars | Seco Capto | Graflex | |
|-----------------------------|---|---|---|---|---|---|---|---|-------------|
| |  |  |  |  |  |  |  |  | |
| | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | Page(s) | |
| HSK-A | 57, 58-67 | 68, 69-72 | 102 | | 104 | 105 | 298, 299-300, 301 | 259, 260 | HSK-A |
| HSK-E | | | | | | | | | HSK-E |
| DIN69871 DIN T/F | 115-121 | 122, 123-124 | 137 | 139 | 140 | 141 | 302, 303-304, 305 | 261, 262 | DIN |
| DIN2080 | | | | | | | 294, 295 | 263 | DIN |
| BT JIS | 144-152 | 153, 154-156 | 172 | 174 | 175 | 176 | 306, 307-308, 309 | 264-265, 266 | BT JIS |
| BT T/F | 179-184, 185 | 186-188 | | | | | 310, 311 | 267, 268 | BT JIS |
| CAT-V | 199, 200-201 | 202-203, 204 | | | | | 296, 297 | 269, 270 | CAT |
| CAT-V T/F | 221-222 | 223 | | | | | 312, 313-314 | 271 | CAT |
| Capto | 323, 324-331 | 333, 334, 335, 336, 337 | | | | | 315, 316-321, 322 | 272, 273 | Combimaster |
| Graflex | 281, 282-285 | 286, 287 | 291 | | | | | 274, 275-280 | Combimaster |
| Combimaster | | | | | | | | | Combimaster |
| Cylindrical Weldon MT | | | | | | | | | Graflex |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Operating & setting accessories

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

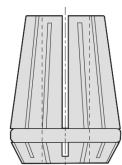
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

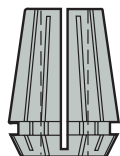
ER HP Collets



Page(s)

389, 390, 391-397

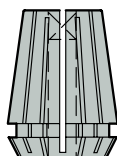
ER collets



Page(s)

399, 400, 401, 402

ER tapping collets with square drive



Page(s)

407, 408-409

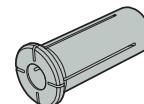
ER sealing rings



Page(s)

410, 411

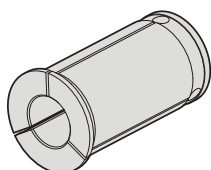
Hydro chucks sleeves



Page(s)

381, 382, 383, 384

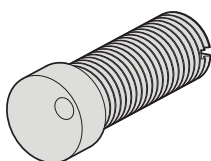
PMC Sleeves



Page(s)

385-386

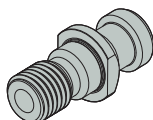
PMC coolant stop screws



Page(s)

387-388

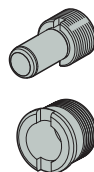
Pull studs



Page(s)

373-380

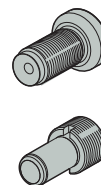
HSK coolant tubes and sealing plugs (incl. tube fitting keys)



Page(s)

370-371

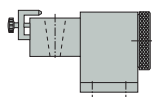
MQL coolant tubes & screws



Page(s)

371-372

Assembly supports, Tool Boy



Page(s)

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Easyshrink® Evo



Page(s)

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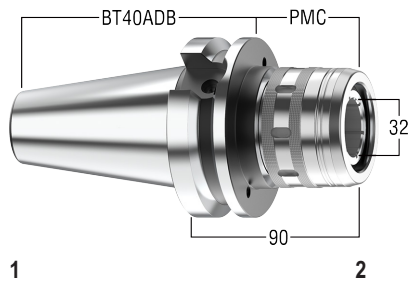
Easyshrink® Evo accessories and spare parts



Page(s)

418, 419-420

New codes (after September 2018)



| | | | | | | |
|---------|---|-----|---|----|---|-----|
| BT40ADB | - | PMC | - | 32 | - | 090 |
| 1 | | 2 | | 3 | | 4 |

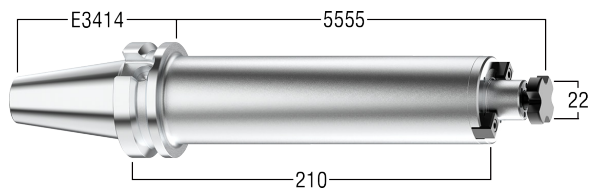
1 Machine side taper type

2 Workpiece side

3 Tool fitting size

4 Gage length

Codes (before September 2018)



| | | | | |
|---|------|------|----|-----|
| E | 3414 | 5555 | 22 | 210 |
| 1 | 2 | 3 | 4 | 5 |

1 Monobloc holder (EM for Graflex)

2 Machine side taper type

3 Workpiece side

4 Tool fitting size

5 Gage length

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

| Guide | Products released for sales before Seco News 2018-2 | Products released for sales from Seco News 2018-2 | |
|---------------------------------|---|---|--|
| | 5555/5556 | SM...KL1 | Steadyline®, vibration damping shell mill holders |
| HSK-A | 5525 | SM...L1 | Shell mill holders, with through coolant channels |
| | 552 | SM...F3 | Shell mill holders, small face |
| | 5524 | SM...F3L1 | Shell mill holders, small face with through coolant channels |
| HSK-E | 569 | SMF | Milling cutter holders, flange mounting |
| | 5656/5657 | DM | Disc mill holders |
| | 584 | EM | Side lock holders, Weldon |
| DIN | 5842 | EM...F5 | Side lock holders, Weldon short |
| | 5603/5403 | SFD | Shrinkfit holders, DIN type |
| | 5402 | SFD...L1 | Shrinkfit holders, DIN type, with peripheral coolant channels |
| BT JIS | 5403M, 5403M1 | SFD...M, SFD...M1 | Shrinkfit holders, MQL type |
| | 5600 | SFR | Shrinkfit holders reinforced |
| | 5801 | SFS | Shrinkfit holders, Mold and Die type |
| CAT | 5672 | ERHP | High precision collet chucks |
| | 5834 | HC | Hydraulic chucks |
| | - | HCR | Hydraulic chucks reinforced |
| Combimaster | - | HCS | Hydraulic chucks slim |
| | - | PMC | Power milling chucks |
| | 5675 | ER | ER collet chucks |
| Graflex | 5450 | ER | ER collet chucks, with cylindrical shank |
| | 5085 | UDC | Drill chucks |
| | 5867 | TCER | Tapping chucks for synchronized tapping, with micro compensation |
| Seco Capto™ | 543 | TA | Taper adapters SA |
| | 5023 | BLK | Greenstock blanks |
| | 586 | CTRB | Control bars |
| Others | K820/K821 | M...-K | Steadyline® vibration damping Combimaster holders |
| | 5820/5821/5822 | M | Combimaster holders |
| | GL/BA | GL/BA | Steadyline® vibration damping turning/boring bars |
| Operating & setting accessories | 401/402/403 | G | Graflex® adapters |
| | C | C | Seco Capto™ adapters |
| Shrinkfit | | | |

ISO attributes

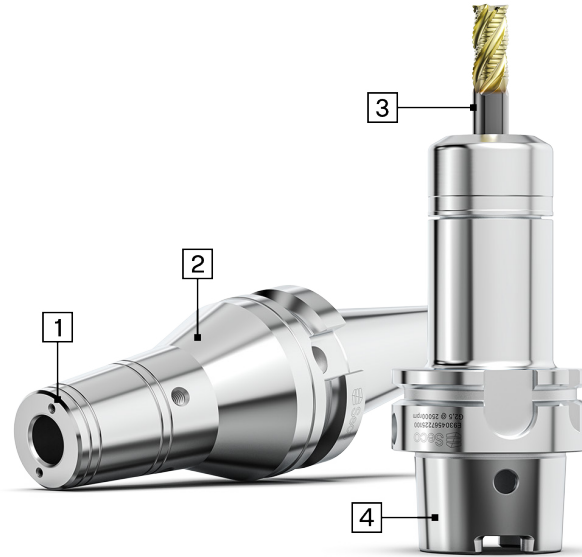
| ISO attribute | Explanation | |
|---------------|--|---------------------------------|
| ADIF1 | Additional information 1 | Guide |
| ADIF2 | Additional information 2 | |
| ADIF3 | Additional information 3 | |
| BD | Body diameter | HSK-A |
| BD1 | Body diameter 1 | |
| BD2 | Body diameter 2 | |
| BD3 | Body diameter 3 | HSK-E |
| BHTA | Body half taper angle | |
| BHTA1 | Body half taper angle 1 | |
| CBDP | Connection bore depth | DIN |
| CND | Coolant entry diameter | |
| CNDP | Coolant entry depth | |
| CNT | Coolant entry thread size | BT JIS |
| CRKS | Connection retention knob thread size | |
| CTMS | Connection text machine side | |
| CTWS | Connection text workpiece side | CAT |
| DCB | Connection bore diameter | |
| DCBN | Connection bore diameter minimum | |
| DCBX | Connection bore diameter maximum | Combimaster |
| DCN | Cutting diameter minimum | |
| DCON | Connection diameter | |
| DCX | Cutting diameter maximum | Graflex |
| DF | Flange diameter | |
| DMM | Shank diameter | |
| FLGT | Flange thickness | Seco Capto™ |
| KWW | Keyway width | |
| LB | Body length | |
| LB1 | Body length 1 | Others |
| LB2 | Body length 2 | |
| LB3 | Body length 3 | |
| LB4 | Body length 4 | Operating & setting accessories |
| LCOG | Position of the center of gravity | |
| LF | Functional length | |
| LFN | Minimum functional length | Shrinkfit |
| LFS | Functional length secondary | |
| LPR | Protruding length | |
| LSC | Clamping length | |
| LSCN | Clamping length minimum | |
| LSCX | Clamping length maximum | |
| LU | Usable length | |
| OAL | Overall length | |
| RFID | Data chip provision | |
| RL | Radial location (of the balancing screw) | |
| RPM | Rotational speed | |
| SRR | Recommended stock removal | |
| SW | Wrench size | |
| TDZ | Thread diameter size | |
| TDZ1 | Thread diameter size 1 | |
| TDZ2 | Thread diameter size 2 | |
| WF | Functional width | |

Our value proposition

Precise machine tools and advanced cutting tools together provide outstanding metal cutting productivity. However, the link between the cutting tool and machine spindle – the tool holder – is crucial in fully achieving that productivity. Each application has different requirements for a tool holding system. No holder can cover all the different applications. Seco Tools offer a wide variety of holding methods featuring a repeatable accuracy, high holding power and an adapted design to provide you an affordable way to fully utilize your cutting materials and machine capability to profitable advantages.

Your main expectations




- Less scraps and rework costs
- Finished product first-pass quality yield
- Maximize machine capabilities and spindle utilization
- Control costs / part
- Time reduction
- Achieve tight tolerances in complex workpiece shapes
- Fast and easy tool preparation



Our value proposition



Your benefits





- | | | |
|---------------------------------|--|--|
| Seco Capto™ | 1 – Secured tool gripping | <ul style="list-style-type: none"> - Increased rigidity for superior cutting results including high speed applications - Combine with SECO advanced cutting materials for considerable gains in productivity |
| Others | 2 – Optimal designs <ul style="list-style-type: none"> - Fine balanced in standard or pre-balanced by Design - Made from Premium steels - Through coolant delivery - Pre-drilled holes for RFID tags | <ul style="list-style-type: none"> - Designed for optimal rigidity and ensure workpiece accessibility - Faster speeds and feeds, without vibrations, delivering better surface finishes - Longer service life |
| Operating & setting accessories | 3 – High quality tool holders with exceptional and repeatable concentricity | <ul style="list-style-type: none"> - Even chip load on the cutting tool edges - Extended tool life - Less vibrations excellent surface finishes |
| Shrinkfit | 4 – Precisely ground taper back ends, tolerance class ≤ AT3 for SA, HSK according to ISO12164, and Seco Capto™ according to ISO 26623-1-PSC | <ul style="list-style-type: none"> - Perfect fit in the spindle for higher torque transmissibility - Better tool centering - No premature spindle wear |




| Shrinkfit | | | | |
|---------------------------|---|--|---|-------------------------------------|
| |  |  |  | |
| | SFD 5403 / 5603 | SFR 5600 | SFS 5801 | |
| Operations | Finishing milling | ■ ■ ■ ■ ■ | ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ |
| | Medium milling | ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ | ■ ■ □ □ □ |
| | Rough milling | ■ ■ ■ □ □ | ■ ■ ■ ■ ■ | NA |
| | High speed milling | ■ ■ ■ ■ ■ | ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ |
| | Drilling | ■ ■ ■ □ □ | ■ ■ ■ □ □ | ■ ■ ■ □ □ |
| | Reaming | ■ ■ ■ □ □ | ■ ■ □ □ □ | ■ ■ □ □ □ |
| | Tapping | NA | NA | NA |
| Characteristics | Clamping range (mm) | ∅3 – ∅32 | ∅6 – ∅32 | ∅3– ∅16 |
| | Clamping range (inch) | ∅0.25 – ∅1.25 | ∅0.5 – ∅1.25 | ∅0.125 – ∅0.312 |
| | Run-out | ≤3 µm/.0001" | ≤3 µm/.0001" | ≤3 µm/.0001" |
| | Max RPM* | 45 000 rpm | 45 000 rpm | 60 000 rpm |
| | Transmittable torque | 550 Nm/405 ft/lb (∅32 mm/1.25") | 750 Nm/553 ft/lb (∅32 mm/1.25") | 180 Nm/132 ft/lb (∅16 mm/0.312") |
| | Tool change | Easyshrink device | Easyshrink device | Easyshrink device |
| | Axial adjustment | Screw / stop rods | Screw / stop rods | Stop rods |
| | Max coolant pressure* | 100 bar/1450 psi | 100 bar/1450 psi | 100 bar/1450 psi |
| | Type of cooling | Central | Central + Peripheral | Central |
| | Balancing quality | G2.5 - 25 000 rpm or U ≤ 1g.mm | G2.5 - 25 000 rpm or U ≤ 1g.mm | G2.5 - 25 000 rpm or U ≤ 1g.mm |
| Option | MQL Peripheral cooling Balancing screws | Balancing screws | / | |
| Recommendations | <ul style="list-style-type: none"> ▪ First choice for semi-finishing and finishing in HSC applications, where quality is required ▪ Slim design ideal for 5 axis machines, deep cavities ▪ High static stiffness but low dynamic stiffness not adapted for HD roughing | | | |
| Tool shank quality | <p>Needs to be: h5 < ∅ 6 mm/0.236" h6 ≥ ∅ 6 mm/0.236"</p> | | | |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graffex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

Collet chucks

| Guide | | |
|---------------------------------|--|---|
| HSK-A |  |  |
| HSK-E | ERHP 5672 | ER 5675 |
| Operations | ■■■■■ ■■■■□ ■■■□□ ■■■■■ ■■■■□ ■■■■□ ■■■□□ | ■■■□□ ■■■□□ ■■□□□ ■■■□□ ■■■■□ ■■□□□ ■■■□□ |
| DIN | Clamping range (mm) ∅1 – ∅20 Clamping range (inch) ∅0.0625 – ∅0.75 Run-out 3 µm/.0001" (3x ∅) Max RPM* 60 000 rpm | Clamping range (mm) ∅0,5 – ∅26 Clamping range (inch) ∅0.0625 – ∅1 Run-out 15 µm/.0006" (3x ∅) Max RPM* 20 000 rpm |
| BT JIS | Transmittable torque 250 Nm/184 ft/lb (∅20 mm/0.75") 350 Nm/258 ft/lb with ball bearing nut | Transmittable torque 100 Nm/73 ft/lb (∅26 mm/1") |
| Characteristics | Tool change Spanner & torque spanner Axial adjustment Screw Max coolant pressure* 100 bar/1450 psi | Tool change Spanner & torque spanner Axial adjustment Screw Max coolant pressure* 100 bar/1450 psi |
| CAT | Type of cooling Central + Through collet | Type of cooling Central |
| Combimaster | Balancing quality G2.5 - 25 000 rpm or U ≤ 1g.mm | Balancing quality G6.3 - 15 000 rpm G2.5-25 000 rpm or U ≤ 1g.mm – HSK-A63 |
| Option | Sealed collets Collets with cooling holes Collets with square | Collet with square Nut for sealing discs Sealing discs |
| Recommendations | <ul style="list-style-type: none"> ▪ Ideally for precision HSC applications in finishing and light roughing to generate a good surface quality ▪ Alternative to shrinkfit holders (or cold clamping systems) for small diameters (<∅20 mm/0.75"), offering a great versatility ▪ Damping effect ▪ Tool breakage friendly (Easy to replace compare to shrinkfit holders) | |
| Graflex | <ul style="list-style-type: none"> ▪ Popular system, very versatile (one chuck + several collets to clamp a full range) ▪ 15µm/.0006" (3x ∅) ▪ Ideal for general applications ▪ Perfect for small tool shanks <∅20 mm/0.75" | |
| Seco Capto™ | | |
| Others | | |
| Operating & setting accessories | Tool shank quality Needs to be: h10 max | Tool shank quality Needs to be: h10 max |
| Shrinkfit | | |

| | Power milling chuck | Hydraulic chuck HC | Hydraulic chuck HCR | Hydraulic chuck HCS | | |
|--|--|---|--|---|-------------------------------------|-------------|
| |  |  |  |  | Guide | |
| | PMC | HC 5834 | HCR | HCS | HSK-A | |
| Operations | Finishing milling | ■ ■ ■ ■ □ □ | ■ ■ ■ ■ ■ ■ | ■ ■ ■ ■ ■ ■ | HSK-E | |
| | Medium milling | ■ ■ ■ ■ □ □ | ■ ■ ■ □ □ □ | ■ ■ □ □ □ □ | | |
| | Rough milling | ■ ■ ■ ■ □ □ | NA | ■ ■ ■ ■ ■ ■ | | |
| | High speed milling | ■ □ □ □ □ □ | ■ ■ ■ ■ □ □ | ■ ■ ■ ■ □ □ | | |
| | Drilling | ■ ■ ■ □ □ □ | ■ ■ ■ □ □ □ | ■ ■ ■ □ □ □ | | |
| | Reaming | ■ ■ □ □ □ □ | ■ ■ ■ ■ ■ ■ | ■ ■ ■ □ □ □ | | |
| | Tapping | NA | NA | NA | | |
| Characteristics | Clamping range (mm) | ∅6 – ∅32 | ∅3 – ∅32 | ∅12 – ∅20 – ∅32 in direct ∅3 – ∅32 through sleeves | ∅6 – ∅20 | DIN |
| | Clamping range (inch) | ∅0.75 – ∅1.25 | ∅0.118 – ∅1.25 | ∅0.472 – ∅0.787 – ∅1.25 in direct ∅0.118 – ∅1.25 through sleeves | ∅0.236 – ∅0.787 | BT JIS |
| | Run-out | >10 μm/.0004" (3x ∅) | ≤3 μm/.0001" | ≤3 μm/.0001" | ≤3 μm/.0001" | |
| | Max RPM* | 15 000 rpm | 40 000 rpm | 50 000 rpm (∅32/1.25" max 25 000 rpm) | 40 000 rpm | |
| | Transmittable torque | 1500 Nm/1106 ft/lb (∅32 mm/1.25") | 650 Nm/480 ft/lb (∅32 mm/1.25") (250 Nm for Seco Capto™/Graflex) | 900 Nm/664 ft/lb (∅32 mm/1.25") | 231 Nm/170 ft/lb (∅20 mm/0.787") | CAT |
| | Tool change | Spanner | Locking hex key | Locking hex key | Locking hex key | Combimaster |
| | Axial adjustment | Screw | | Screw | Screw | |
| | Max coolant pressure* | 30 bar/435 psi | 80 bar/1160 psi (70 bar/1015 psi for Seco Capto™/Graflex) | 80 bar/1160 psi | 80 bar/1160 psi | Graflex |
| | Type of cooling | Central | Central | Central | Central | |
| | Balancing quality | Pre-balanced | G2.5 - 25 000 or U≤1g.mm (except Seco Capto™) | G2.5 - 25 000 or U≤1g.mm | G2.5 - 25 000 or U≤1g.mm | |
| Option | Stop screws for through coolant Sleeves | Sleeves (sealed or peripheral coolant) | Sleeves (sealed or peripheral coolant) | Sleeves (sealed or peripheral coolant) | Seco Capto™ | |
| Recommendations | <ul style="list-style-type: none"> ▪ Ideal for heavy duty operations, high chips removal rates ▪ Alternative to shrinkfit or Weldon ▪ Easy to implement ▪ Versatile through use of reduction sleeves | <ul style="list-style-type: none"> ▪ Semi-finishing and finishing operations in High Speed Cutting (HSC) ▪ Not recommended for heavy milling with big radial loads ▪ Simple to use, but needs maintenance ▪ Flexibility thru red. sleeves ▪ Dampening effect | <ul style="list-style-type: none"> ▪ Universal chuck, for heavy roughing applications (HPM) or High Speed Cutting (HSC) in all kind of applications ▪ High rigidity, high torques ▪ Very easy to use ▪ Flexibility thru red. Sleeves ▪ Damping effect | <ul style="list-style-type: none"> ▪ For semi-finishing and finishing applications in deep cavities, like M&D ▪ Very easy to use ▪ Flexibility thru red. Sleeves | Others | |
| Tool shank quality | Recommended: h6 (max h7) | Needs to be: h6 | | | Operating & setting accessories | |
| * Depending on the holder's machine side taper type and size | | | | | Shrinkfit | |

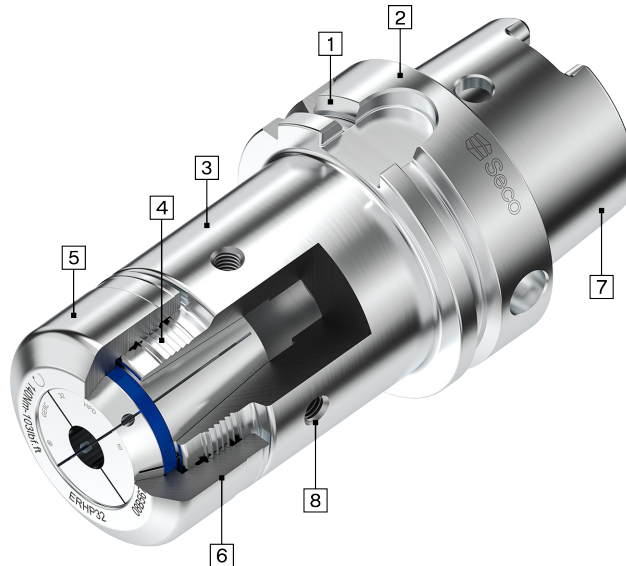
| | Side lock | Tapping chuck | Drill chuck |
|---------------------------------|---|--|---|
| Guide |  |  |  |
| HSK-A | EM 584 | TCER 5867 | UDC 5085 |
| HSK-E | Operations Finishing milling: NA Medium milling: ■ ■ ■ □ □ Rough milling: ■ ■ ■ ■ ■ High speed milling: NA Drilling: ■ ■ ■ □ □ Reaming: NA Tapping: NA | | |
| DIN | Clamping range (mm) : Ø6 – Ø50 Clamping range (inch) : Ø0.25 – Ø2 Run-out : ≤15 µm/.0006" (3x Ø) Max RPM* : 15 000 rpm | | |
| BT JIS | Transmittable torque : NA (Anti-pulling) | | |
| CAT | Characteristics Tool change : Locking hex key Axial adjustment : NA Max coolant pressure* : 120 bar/1740 psi Type of cooling : Central + Peripheral Balancing quality : Pre-balanced | | |
| Combimaster | Option : / | | |
| Graflex | Recommendations <ul style="list-style-type: none"> Very simple and quick tool changeover Most popular anti-pulling solution Rigid. Good for heavy roughing Can be very short Find its limits in terms of balance (flats) and accuracy, especially at HSC (risk to break expensive HPC tools) Not versatile Not tool breakage friendly Bore sizes 20, 25, 32 mm/0.787, 0.984, 1.260" with Seco Weldon ground face | | |
| Seco Capto™ | <ul style="list-style-type: none"> First choice for CNC machine tools and synchronized tapping operations High volume production / high precision Better surface quality on the flanks of the cut threads Longer tap life due to less friction and no tap breakage Greater process security Very accurate depth control Will never wear out Improved chip evacuation due to slim design | | |
| Others | <ul style="list-style-type: none"> Recommended for standard drills For carbide drills we highly recommend (for better run out): <ul style="list-style-type: none"> ERHP 5672 SFD 5403/5603 HC 5834 Easy handle | | |
| Operating & setting accessories | Tool shank quality : DIN 1835-1 Form B DIN 6535 Form HB | | |
| Shrinkfit | Needs to be: h9 with square | | |
| | DIN 1835-1 Form A DIN 6535 Form HA | | |

* Depending on the holder's machine side taper type and size

High precision collet chuck ER HP

Seco's ER HP high-precision collet chucks are engineered for exceptional accuracy and performance in high-speed machining. With a runout of just 3 microns at 3xD, these chucks ensure outstanding tool stability and minimal deflection.

Their advanced clamping mechanism delivers high torque transmission and uniform pressure distribution, making them ideal for modern high-performance cutting tools. Designed with a smooth, balanced profile, they support speeds up to 60,000 RPM, offering reliability and precision for the most demanding applications.



Most important features

| | | | |
|---|---|---|--|
| 1 | Made from Premium material for long service life | 5 | Combination of a high precision nut and a high precision collet mounted onto a high precision chuck, resulting in a repeatable runout $\leq 3 \mu\text{m}$ ** |
| 2 | Fine balanced in standard at G2,5-25,000 rpm or U $\leq 1 \text{ g. mm}^*$ symmetrical design, ideal for high speed applications | 6 | Quick tool change, large clamping capacity through HP collets (ER08 to ER32) |
| 3 | Strong body design for highest static rigidity | 7 | Selection of HSK-A63 and HSK-A100 ER HP chucks prepared to receive MQL coolant screws |
| 4 | Stable and strong tool gripping thanks to a trapezoidal thread, double guidance and a perfect seat for the collet inside the tapered hole | 8 | 4 threaded holes on a selection of HSK-A and E chucks to fine tuning balancing of the assembly chucks + tool mounted, for better surface finishes and longer tool life |

* Seco Capto™: at G6,3-20.000 rpm. Graflex: pre-balanced. When using axial stop screw do not exceed 10.000 rpm

** ER08 size runout is $\leq 5 \mu\text{m}$; straight shanks collet chucks have a runout of $\leq 5 \mu\text{m}$; Graflex runout is $\leq 8 \mu\text{m}$

Different designs to suit all kind of applications



Optimized strong body design for best rigidity, different projections available in standard



Reduced body size and nut design for all applications requesting difficult to access surfaces


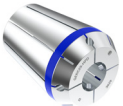
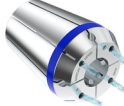


Cylindrical extensions with reduced nut to build long assemblies for deep reaches

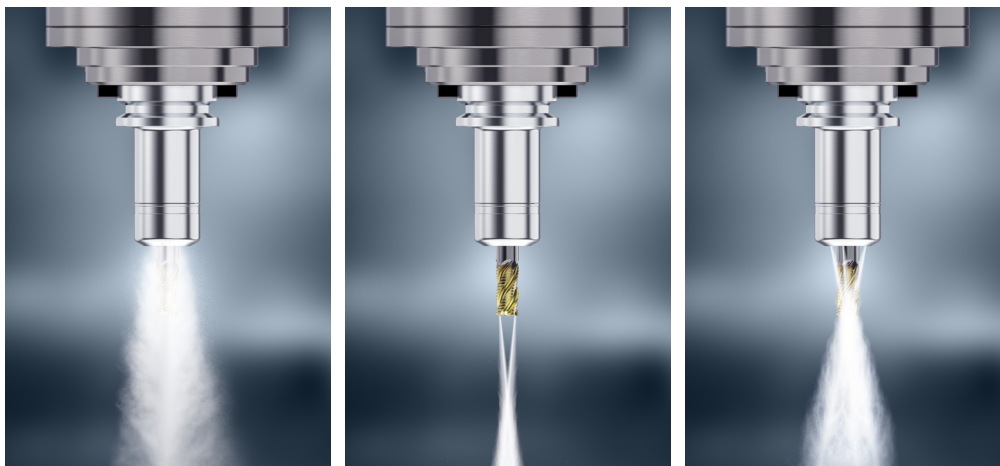
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High precision collets ER HP – 5672

The HP ER collets, based on the external design ISO15488-B, feature a 2 µm direct runout and are identified with a blue ring. Produced from special steel, with only 12 slots, they are more rigid. All collets are with an anti-rust coating. To ensure a good clamping force and best accuracy it is recommended to clamp on nominal diameter tools with shank tolerance h10 max (sealed design even h8 max.).

| Collet size | Not sealed | Sealed (60-80 bar max) | Sealed with 4 coolant channels (60-80 bar) |
|-----------------------|---|---|---|
| ER HP 08R |  Ø 1-5 mm h10 Ø 0.039-0.196" h10 |  |  |
| ER HP 11R | Ø 1-7 mm h10 Ø 0.039-0.275" h10 | Ø 3-6 mm h8 Ø 0.118-0.236" h8 | |
| ER HP 16R ER HP 16 | Ø 1-10 mm h10 Ø 0.039-0.394" h10 | Ø 3-10 mm h8 Ø 0.118-0.394" h8 | Ø 3-8 mm h8 Ø 0.118-0.315" h8 |
| ER HP 20 | Ø 1-13 mm h10 Ø 0.039-0.511" h10 | Ø 3-12 mm h10 Ø 0.118-0.472" h10 | Ø 4-12 mm h8 Ø 0.157-0.472" h8 |
| ER HP 25 | Ø 2-16 mm h10 Ø 0.079-0.630" h10 | Ø 3-16 mm h8 Ø 0.118-0.630" h8 | Ø 4-14 mm h8 Ø 0.157-0.551" h8 |
| ER HP 32 | Ø 2-20 mm h10 Ø 0.079-0.787" h10 | Ø 3-20 mm h10 Ø 0.118-0.787" h10 | Ø 4-20 mm h10 Ø 0.157-0.787" h10 |

Note: when using tool shanks with flats into sealed collets, make sure the tool flat is located behind the rubber seal i.o. to achieve a good sealing



Without sealing

Sealed for tools with internal coolant supply

Sealed for tools with internal coolant supply and additional coolant channels in order to bring the coolant to the cutting edge in tools without coolant supply

Torque wrenches, fix handles, and roller heads for ER HP collet chucks

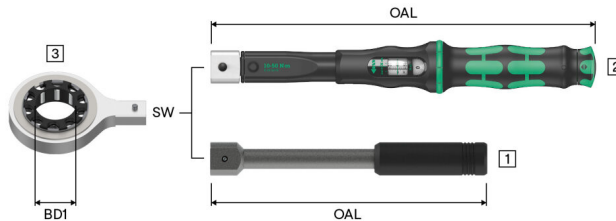
If you need to tighten the ER HP nuts several times a day, it is recommended that you use a torque wrench (2). However, if you only clamp the nuts occasionally, a fixed handle (1) is acceptable to clamp and unclamp the nut. Fixed handles have an optimized length design that enables the maximum recommended hand force to be generated.

The roller heads (3) are available from ER08 to ER32.

Torque wrenches should not be used to unclamp nuts (except for ER08). To unclamp the nut, use a fixed handle.

Every torque key is delivered with an ISO6789-1:2017 declaration of conformity and can be repaired or recalibrated.

For torque clamping data and maximum recommended rpm, please see "Clamping Torque, Max RPM, mounting recommendations" pages in this catalog.



ER Standard collet chucks ISO15488

Our standard range of ER collet chucks ISO15488 feature a unique 15 µm/.0006" (3x Ø) runout at 3xD.

All ER standard collet chucks are fine balanced to G6.3-15.000 rpm, G2.5-25 000 – HSK-A63 (except CAT-V and Seco Capto™, see product pages) .

ER collet chucks come also in extended version with a cylindrical shank, tolerance h5. They can be used when a long reach is required to access restricted areas. Maximum run out measures between 15 µm/.0006" to 18 µm/.0007".




Sockets for torque keys for standard ER collet chucks

For standard ER nut tightening and releasing, both spanner types , hook or sockets on torque keys are available as accessories, see accessories Product pages.



Standard collets ER ISO15488

Standard ER collets feature 5 µm direct runout. They offer a high flexibility in clamping, from nominal to -0,5 mm to -1 mm (0.020" to 0.039").

| Collet size | Capacity | Clamping range |
|---|---|--|
|  | | |
| ER 08 | Ø 1 - 5 mm (steps 0,5 mm) Ø 0.039 - 0.197" (steps 0.020") | -0,5 mm -0.020" |
| ER 11 | Ø 1 - 7 (steps 0,5 mm) Ø 0.039 - 0.275" (steps 0.020") | -0,5 mm -0.020" |
| ER 16 | Ø 1 - 2 mm (steps 0,5 mm) Ø 0.039 - 0.0787" (steps 0.020") Ø 2,5 - 10 mm (steps 0,5 mm) Ø 0.098 - 0.394" (steps 0.020") | -0,5 mm -0.020" -1 mm -0.039" |
| ER 20 | Ø 1 - 2 mm (steps 0,5 mm) Ø 0.039 - 0.0787" (steps 0.020") Ø 2,5 - 13 mm (steps 0,5 mm) Ø 0.098 - 0.0512" (steps 0.020") | -0,5 mm -0.020" -1 mm -0.039" |
| ER 25 | Ø 1 - 2 mm (steps 0,5 mm) Ø 0.039 - 0.0787" (steps 0.020") Ø 2,5 - 16 mm (steps 0,5 mm) Ø 0.098 - 0.630" (steps 0.020") | -0,5 mm -0.020" -1 mm -0.039" |
| ER 32 | Ø 2 - 20 mm (steps 0,5 mm) Ø 0.079 - 0.787" (steps 0.020") | -1 mm -0.039" |
| ER 40 | Ø 3 - 26 mm (steps 0,5 mm) Ø 0.118 - 1.023" (steps 0.020") | -1 mm -0.039" |

Sealing rings for ER sealing nuts

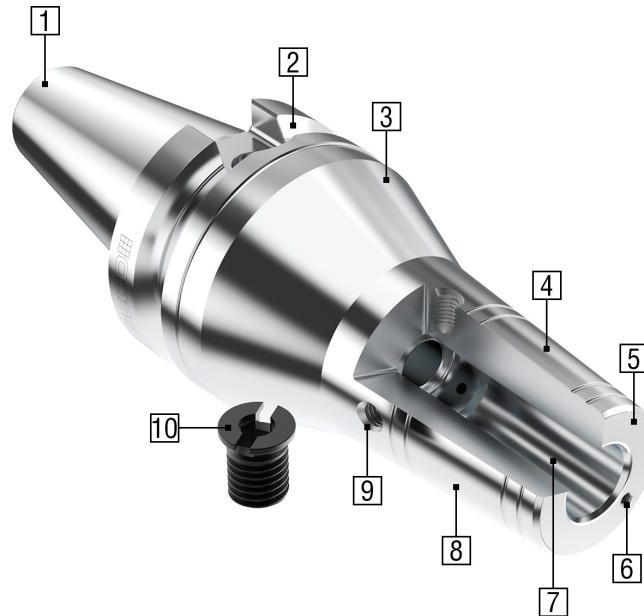
Sealing can be achieved by applying the concave front face of the stop end screw equipping the ER collet chucks onto the tool shank (for tool shanks without groove). The second method, is to use a selection of sealing rings available in most current diameters with a clamping range of nominal to -0,5 mm (-0.020"), to ensure a good flow when using tools with internal coolant. They are mounted on a specific nut. Can be applied up to 100 bar.

| Collet size* | Capacity | Clamping range |
|---|---|--------------------|
|  | | |
| ER 16 | Ø 3 - 10 mm (steps 0,5 mm) Ø 0.118 - 0.394" (steps 0.020") | -0,5 mm -0.020" |
| ER 20 | Ø 3 - 12 mm (steps 0,5 mm) Ø 0.118 - 0.472" (steps 0.020") | -0,5 mm -0.020" |
| ER 25 | Ø 3 - 16 mm (steps 0,5 mm) Ø 0.118 - 0.630" (steps 0.020") | -0,5 mm -0.020" |
| ER 32 | Ø 3 - 20 (steps 0,5 mm) Ø 0.118 to 0.394" (steps 0.020") | -0,5 mm -0.020" |

* ER40 and ER50 on request. ER08 and ER11 not available

Heat shrinkfit holders – SFD 5403/5603, SFD 5402, SFR 5600, SFS 5801

Shrinkfit holders are used extensively in complex 5-axis machining because of their ability to maintain excellent runout characteristics over a long tool length, and because they can be used in tight places. Furthermore, shrinkfit chucks are excellent for transferring high torque, and therefore are well-suited for High Performance Machining (HPM) applications. The balanced design, without mechanical moving parts, make them also the ideal system for high-speed machining.



Most important features

| | | | |
|---|---|----|---|
| 1 | Made from Premium heat resistant material (maxi 400°C acceptable temperature), through hardened 56 HRC +/- 2 | 6 | Peripheral coolant channels as standard on HSK-A63/100 SFD DIN type and SFR Reinforced type. MQL1 according to DIN69090-3 in standard. Others on request. |
| 2 | Fine balanced is standard at G2.5-25,000 rpm or ≤1 g.mm* | 7 | Grips the cutting tool 360° around the shank, leading to high gripping torque |
| 3 | Strong body design for highest static rigidity. SFD DIN version acc. to DIN69882-8; Type SFR is a reinforced version. | 8 | Slim design, available in different lengths preventing collision with workpiece. Use of extensions provide many options to machine deep cavities |
| 4 | Sealed system by design, ideal when machining materials generating dust | 9 | Threaded holes for balancing screws is standard** |
| 5 | Repeatable runout ≤ 3 μm | 10 | Axial stop screw delivered along with the holder (not mounted), featuring a central hole for coolant through |

* Seco Capto™: G6,3-20.000 rpm

** Except ∅ 3 to 5 mm (∅ 0.118" to 0.200"), and some SFR- 5600 version, see product pages

Our standard designs

DIN 4.5° version (5403/5603-SFD)

Based on the DIN69882-8 shape, delivered with a stop screw (except diam. 3 and 5 mm), and 4 balancing threaded holes. Comes in diverse lengths.

HSK version is "ready" for MQL option. Coolant channels through the face is standard for some HSK types (see product pages), others on request.



Reinforced version (5600-SFR)

The dimensions of the OD is one size wider compared to the DIN 4.5° type and features a conical reinforced outside contour resulting in higher rigidity and a higher transmittable torque. Coolant channels through the face delivered as standard. (2 channels up to $\varnothing 20$ mm / $\varnothing 0.787$ ", 3 channels for $\varnothing 25$ mm / $\varnothing 0.984$ " and $\varnothing 32$ mm / $\varnothing 1.260$ ").



Slim Mold & Die version (5801-SFS)

Long and slim design with a conical $5^\circ/3^\circ$ nose for easy access to difficult to reach surfaces like in Mold & Die applications. Also available as cylindrical extensions.



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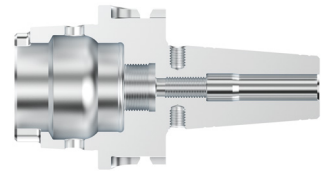
Shrinkfit

MQL for shrinkfit holders HSK-A DIN type (SFDMx/5403)

MQL (Minimum Quantity Lubrication) is a "near-dry" coolant solution, consisting in a mix of air and oil. Seco offers in standard a range of HSK-A shrinkit DIN 4,5° holders (5403/SFD) which can be equipped with specific coolant tubes and stop screws to apply MQL1, i.e. coolant through one channel.

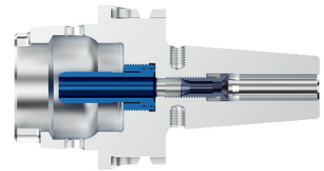
Type SFD 5403M

Shrinkfit holders, according to standard DIN 69090-3, prepared for MQL1. Accessories to be ordered separately.



Type SFD 5403M1

Shrinkfit holders ready for MQL1, delivered with MQL accessories fitted. MQL1 Shrinkfit holders, coolant tubes and stop screws according to standard DIN 69090-3.



Accessories for MQL Shrinkfit holders

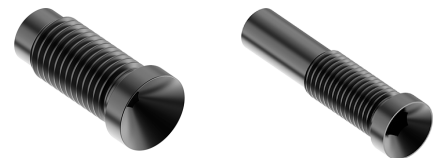
MQL 1: coolant tubes

- HSK-A63, MQL1 Shrinkfit holders need a conventional coolant tube 20E9304, as available for DIN type Shrinkfit holders.
- HSK-A100, MQL1 Shrinkfit holders need a specific coolant tube 20E9306M1: the internal diameters are optimized for MQL flow.



MQL1: Stop screws

Stop screws for MQL1 feature a tapered face, for efficient contact with tapered MQL tool shanks, according to standard DIN 69090-3.



Easyshrink EVO

The easyshrink EVO offers fast, ergonomic shrinking and unshrinking for steel, high speed steel (HSS), heavy metal or carbide tools, reducing tool-change downtime. Featuring a heating unit with optimized automatic heating programs, the Easyshrink EVO uses an induction heating element to prevent overheating, minimize energy consumption and keep focused on the clamping area.

Simple, Ergonomic and easy to use.



Most important features

- | | |
|--|--|
| <p>1 Different sizes of stop rods to easily adjust the depth of tool</p> | <p>6 Shrink and unshrink tool holders with a maximum length of: – 480 mm (18.898") with HSK-32 finned support – 430 mm (16.929") with SA50 finned support – 490 mm (19.291") with other finned support</p> |
| <p>2 Set of heat focusing stoppers enabling shrinking of Carbide and HSS tool shanks $\varnothing 3$ to 32 mm (0.118 to 1.260"). Split version available for large tools</p> | <p>7 Inductor: fast and optimized shrink and unshrink cycles for steel, HSS, heavy metal or carbide tools with Seco Tools holders</p> |
| <p>3 Small computer allowing a smart web interface through WIFI or ethernet (RJ45) connection – TDM Systems compatible – Special program easily programmable – Global view of the System status</p> | <p>8 Water cooler unit including 2 cooling bells and a water tank (optional, sold separately)</p> |
| <p>4 Simple control panel with led indicator: – 3 Standards programs for all Seco Tools Holders – 1 programmable mode for other tool holders (specific shape or competitors) – 1 manual mode</p> | <p>9 All new holders (>SN2020.1) are marked with a program code, helping operator to easily select the adapted heating mode of the device, preventing overheating and thus ensuring a long service life</p> |
| <p>5 Rotary plate with shrink depth setting – Prevents the user to have any contact with hot holders and allow to switch from the heating position to a cooling position – Adjustment for setting the depth of the cutting tool in your holder by moving the stop rod up & down – Standard integrated air fan cooler</p> | |

Easyshrink EVO Features

| Power | Capacity | Max. tool length | Max. machine interface | Dimensions (WxDxH) | Weight | Cooling time | Connections |
|-------|---------------------------|------------------------------------|------------------------|---|-----------------|--------------|--|
| 16 Kw | ∅3-32 mm ∅0.118-1.260" | 430 to 490 mm 16.929 to 19.291" | HSK-A125 | 317x943x820 mm 12.480x37.126x32.283" | 50 kg 115 lb | ±7 min | The device accepts following voltage : AC 3 x 400V (+/-10%) + PEN/25A/50-60Hz AC 3 x 400V (+/-10%) + N + PE/25A/50-60Hz For other voltages, a specific device is available on demand. |

DELIVERY CONTENT: 5 standard heat focusing stoppers for ∅3 to ∅32, 8 stop rods, 2 cooling bells, 1 pair of gloves, 1 operating instructions

Accessories

Finned support

Provides positioning of the tool holder onto the support module.
Finned supports for each type of machine side taper used on Shrinkfit tool holders.
Available for all types of tool holders



Contact bushing

Contact bushing for each type and size of Shrinkfit tool holder used.
Available for all types of Shrinkfit holders and diameters.
Required to extract heat from the front end of the holder towards the liquid cooling bell.



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- Combimaster
- Graflex
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Spare parts

Stops rods

Set of standard and thin stop rods.

Enables the tool shrinking depth setting and ejection of broken tools.

4 stop rods with 2.5 mm (0.098") front end & 4 stop rods with 5 mm (0.197") front end covering a shrink depth capacity 0 to 240 mm (0 to 9.449") : 0-60 (0 to 2.362") / 60-120 (2.362"-4.724") / 120-180 (4.724-7.087") / 180-240 mm (7.087-9.449")



Air cooling cone

Directs the air stream against the front end of the holder for cooling.



Heat focusing stopper

Magnetic insulator that allows the magnetic field to be concentrated on the front part of the tool holder and to achieve optimised heating.

Available for shrinking and unshrinking tool holders $\varnothing 3$ to $\varnothing 32$ mm ($\varnothing 0.118$ " to $\varnothing 1.26$ ").



Split heat focusing stopper

Split magnetic insulator that allows the magnetic field to be concentrated on the front part of the tool holder and to achieve optimised heating of tools with a front end that is larger than shank.



Water cooler Features

| Cooling time | Extension table | Dimensions of refrigeration unit (WxDxH) | Weight |
|--------------|--|--|----------------|
| ±1min | Storage of 5 contact bushings & 1 cooling bell | 314x650x285 mm 12.362x25.590x11.220" | 35 kg 77 lb |

DELIVERY CONTENT: 1 refrigeration unit, tubes support, 2 bells, 1 extension table.

For the use on a 60hz electricity grid, a specific water cooler is required and available on demand.



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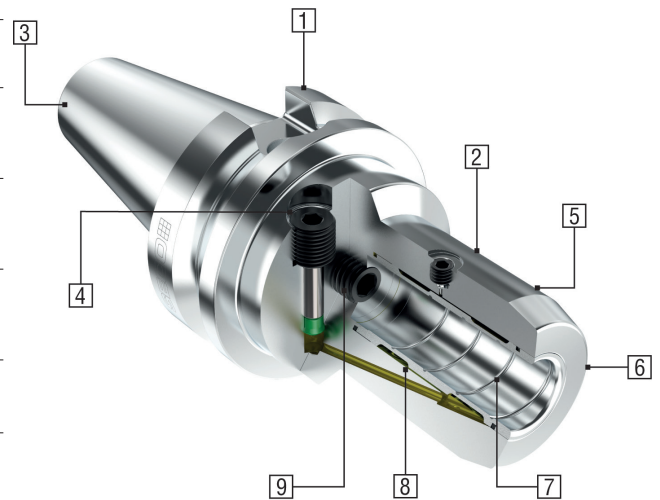
Shrinkfit

Hydraulic expansion chucks – HC (former 5834), HCR and HCS

Hydraulic chucks, that use oil pressure to compress an internal membrane within the holder body, feature repeatable low runout, quick and easy tool change, and are effective for reaming, drilling, threading and light milling with end mills at high spindle speeds. The HCR Power version can perform High Machining Performance thanks to a high radial rigidity, as well as High-Speed Machining.

Most important features

- 1 Fine balanced in standard at G2,5-25,000 rpm or ≤ 1 g.mm
(Seco Capto™: G6,3-20.000 rpm)
- 2 HC version with body shape according to DIN69882-7
- 3 Made from Premium material, high mechanical strength and good resistance to thermal shocks
- 4 Very easy to use, just turn one screw until stop. Not additional equipment needed
- 5 Good gripping forces (shank tolerance h6 maximum), especially Power version offering high clamping forces
- 6 Repeatable runout ≤ 3 μ m
HC Straight shanks: runout ≤ 6 μ m
- 7 Helical groove to ensure oil-free or debris-free tool shank surface
- 8 Oil reservoir acts as a damping agent
- 9 Axial stop screw for tool length adjustment



Our standard designs

HC Conventional version

The HC conventional hydro-chucks are an easy and efficient solution for high precision works like for drilling, reaming, threading, and light milling in all kind of components. Can be used along with slotted reduction sleeves offering a great flexibility.

Very easy tool changes, reducing set-up times, without need of peripheral equipment's.



HCR Reinforced version

The HCR reinforced version is a universal solution for round tools, dedicated for all kind of machining applications from high performance machining (HPM) to high-speed cutting (HSC)

Its short and compact design offers a high radial rigidity, and high gripping forces (up to 900 Nm for diam 32 !)

Fine balanced, it is suitable for high-speed applications up to 50.000 rpm (diam. 12 and 20 mm).

The range features a direct clamping for diam. 12, 20 and 32, but various other diameters can be clamped through slotted reduction sleeves. All kind of tool shank types can be clamped even in direct mount.



HCS Slim 3° version

The HCS Slim 3° designs are ideal for excellent workpiece accessibility, machining of narrow and deep areas in light milling and drilling operations.

This range is completed with cylindrical extensions enabling to build long and slim assemblies once mounted into the HCR Power chucks for example.



Reduction sleeves for hydraulic chucks

Slotted reduction sleeves from diam. 12, 20 and 32 mm allow the clamping of several different tool shank sizes with just one toolholder, offering a great flexibility and reducing inventory costs.

They are available in two versions:

- coolant-proof for tools with coolant facilities,
- with peripheral coolant channels for tools without internal cooling holes.

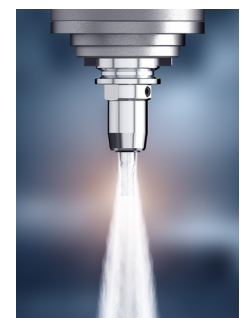
Both versions are equipped with a length pre-adjustment ring.

Runout and transmissible torque will remain unchanged.

All kind of tool shank types can be mounted into the sleeves



Sealed reduction sleeves 05FHC for tools with coolant holes



Reduction sleeves 05FHC... L1 with peripheral coolant channels for tools without coolant holes

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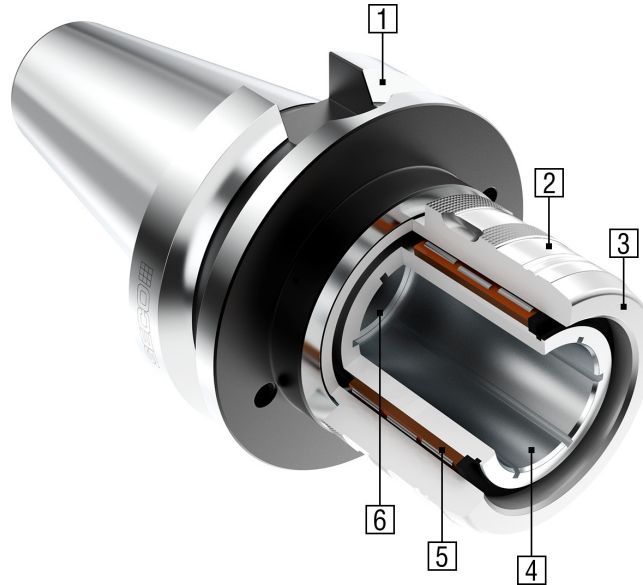
Acceptable tool shanks

| Designs | | Cylindrical Form A | Weldon 1 flat Form B | Weldon 2 flats Form B | Whistle Notch Form E |
|---------------------------|--------------------|---|---|---|---|
| | |  |  |  |  |
| Direct clamping | HC (Conventional) | ∅ 6 - 32 mm ∅ 0.236 - 1.260" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | ∅ 25 - 32 mm ∅ 1 - 1.260" | ∅ 6 - 32 mm ∅ 0.236 - 1.260" |
| | HCR (Reinforced) | ∅ 6 - 32 mm ∅ 0.236 - 1.260" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | ∅ 25 - 32 mm ∅ 1 - 1.260" | ∅ 6 - 32 mm ∅ 0.236 - 1.260" |
| | HC (Capto/Graflex) | ∅ 6 - 32 mm ∅ 0.236 - 1.260" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | cannot be clamped in direct | cannot be clamped in direct |
| | HCS (Slim) | ∅ 6 - 32 mm ∅ 0.236 - 1.260" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | cannot be clamped in direct | cannot be clamped in direct |
| Through reduction sleeves | HC (Conventional) | ∅ 3 - 25 mm ∅ 0.118 - 1" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | ∅ 25 mm ∅ 1" | ∅ 6 - 25 mm ∅ 0.236 - 1" |
| | HCR (Reinforced) | ∅ 3 - 25 mm ∅ 0.118 - 1" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | ∅ 25 mm ∅ 1" | ∅ 6 - 25 mm ∅ 0.236 - 1" |
| | HCS (Slim) | ∅ 3 - 25 mm ∅ 0.118 - 1" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | ∅ 25 mm ∅ 1" | ∅ 6 - 25 mm ∅ 0.236 - 1" |

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Power Milling Chucks (PMC)

Mechanical milling chucks provide strong gripping force and high radial rigidity via multiple rows of needle bearings. The design enables heavy milling and quick tool changes as an alternative to shrink fit holders. When using reduction sleeves, a larger clamping capacity can be covered with just one holder, reducing shop's inventory. Optional coolant-stop screws enable Power Milling Chucks to engage through-tool coolant.



Most important features

- | | | | |
|---|--|---|---|
| 1 | Pre-balanced by design, maxi 15,000 Rpm for $\varnothing 20$ mm (0.787") and 10,000 Rpm for $\varnothing 32$ mm (1.260") | 4 | High gripping forces enabling torques transmissions up to 640 Nm (472 ft/lbf) minimum for $\varnothing 20$ mm ($\varnothing 0.787$ ") and 1500 Nm (1106 ft/lbf) minimum for $\varnothing 32$ mm ($\varnothing 1.260$ ") Shank tolerance maxi h6 |
| 2 | Strong body shape, high rigidity | 5 | Needle bearing design for better clamping power |
| 3 | Runout: 10 to 15 μ m at 3 x D | 6 | Axial stop screw for tool length adjustment (not for HSK and Seco Capto™). Stop screw for coolant in option |

Reduction sleeves for PMC

Reduction sleeves allow a great clamping versatility: with only one chuck and several sleeves you can cover a large range of clamping capacity and reduce your tool inventory.

Care: PMC reduction sleeves are only intended for PMC holders (all other sleeves not compatible).



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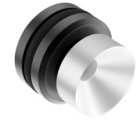
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Through coolant capabilities and accessories

For tools without coolant channels

- Direct chuck clamping: coolant flows through grooves in chucks' bore, along the tool
- Clamping through reduction sleeve: coolant flows through sleeve slots along the tool
- Chucks delivered with stop end screw: to ensure the best coolant flow, rotate the screw backwards or remove it completely.







For tools with coolant channels

For reliable coolant flow, use a "stop screws for through coolant", available as accessories. Select the suitable screw according to chuck size, or reduction sleeve thanks to the chart shown in the product pages.



Acceptable tool shanks

| Shank types | Cylindrical DIN1835-1A DIN6535 HA | Weldon DIN1835-1 B DIN6535 HB | Weldon DIN1835-1 B DIN6535 HB | Whistle & Notch |
|---------------------------------|---|---|--|---|
| |  |  |  |  |
| Direct clamping | ∅ 20 - 32 mm ∅ 0.750 - 1.260" | ∅ 20 mm ∅ 0.787" | Do not clamp ∅ 32 mm / ∅ 1.260" | Do not clamp |
| Clamping with reduction sleeves | ∅ 6 - 25 mm ∅ 0.236 - 0.984" | ∅ 6 - 20 mm ∅ 0.236 - 0.787" | ∅ 25 mm ∅ 10.984" | ∅ 6 - 25 mm ∅ 0.236 - 10.984" |

Tapping chucks with micro-compensation, for synchronized tapping TCER5867

Improves tapping performances during synchronized tapping. The built-in axial micro flexure (+/- 0,5 mm) prevents stress on taps, which may appear from micro-deviation of the synchronism between the spindle rotation, feed and tap pitch. That micro-compensation mechanism offers longer tap life, protects taps against breakage, increases productivity and improves thread quality.





Most important features

- | | |
|---|--|
| <p>1 Internal coolant through, or through sealing discs in specific nuts up to 80 bar /1160 psi</p> <p>2 Using standard ER Collets with square drives, ER11 (M2-M5), ER20 (M4-M12), ER25 (M8-M20), ER40 (M16-M30), ER50 (M20-M48)</p> | <p>3 Built-in patented axial micro flexure (+/- 0,5mm) preventing from tap stress</p> <p>4 Strong body shape, Available as straight shanks with Weldon flats, HSK, DIN, BT and Seco Capto™ high rigidity</p> |
|---|--|

ER Collets with inner square

The specific ER collets feature an internal driving square at the back to fit the tap's square in order to prevent it from rotating in the collet. Dedicated clamping size on the nominal diameter.

| Collet size | Capacity | Clamping range | Collet size* | Capacity with sealing rings | Clamping range | | |
|---|----------|------------------------------------|--------------|---|----------------|---|--------------------|
|  | ER 11 | Ø2,5 to 6 mm Ø 0.098 to 0.236" | 0 |  | ER 16 | Ø 3 to 10 mm (steps 0,5 mm) Ø 0.118 to 0.394" (steps 0.020") | -0,5 mm -0.020" |
| | ER 20 | Ø 4 to 12 mm Ø 0.157 to 0.472" | 0 | | ER 20 | Ø 3 to 12 mm (steps 0,5 mm) Ø 0.118 to 0.472" (steps 0.020") | -0,5 mm -0.020" |
| | ER 25 | Ø 4 to 16 mm Ø 0.0157 to 0.629" | 0 | | ER 25 | Ø 3 to 16 mm (steps 0,5 mm) Ø 0.118 to 0.630" (steps 0.020") | -0,5 mm -0.020" |
| | ER 40 | Ø 12 to 22 mm Ø 0.472 to 0.866" | 0 | | ER 32 | Ø 3-20 (steps 0,5 mm) Ø 0.118 to 0.394" (steps 0.020") | -0,5 mm -0.020" |
| | ER 50 | Ø 22 to 36 mm Ø 0.866 to 1.417" | 0 | * ER40 and ER50 on request. ER08 and ER11 not available Note: ER50 collet comes without square (included in the chuck) | | | |

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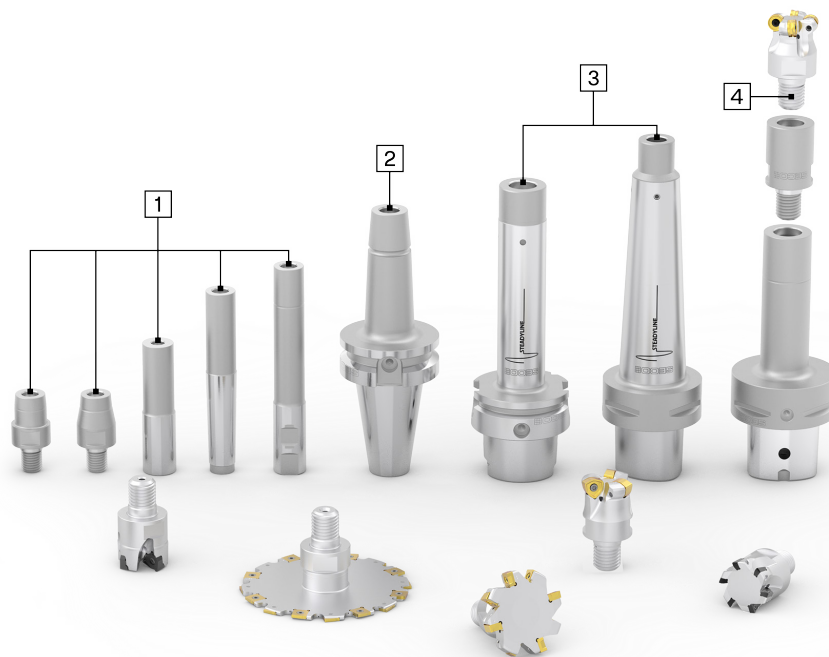
Combimaster – 5820/5821/5822/K820/K821

Combimaster is a modular milling cutter system with a wide range of shank types, lengths, and interchangeable cutter heads.

With square shoulder and end mills, copy mills, face mills, plunge mills and disc mills included, the system offers maximum flexibility over a wide range of applications. All Combimaster heads and shanks have coolant holes and many of the cutter heads are available in different pitch versions. The range includes the Steadyline vibration damping holders that automatically counteracts and eliminates tool vibration, and an ER collet system for face, disc and side milling operations.

Most important features

- | | |
|--|--|
| <p>1 A variety of extensions and reducers allow to build the optimal suited tool for best workpiece accessibility. Includes cylindrical extensions in steel, heavy metal and carbide allowing applications up to 10xD</p> | <p>4 "Screw-in" connection system in different pitches from M6 to M20. Very rigid and precise. Suitable for HSM</p> |
| <p>2 Optimized designs to improve stability. Exist in conical shape for highest rigidity (5820) or straight forms (5821) for best accessibility, all fine balanced G6,3-20.000</p> | <p>5 All adapters have coolant through facility</p> |
| <p>3 Steadyline antivibration version for optimum workpiece access, conical shape for highest rigidity (K820) or straight shape for best accessibility (K821) available in several lengths</p> | |



Combimaster to shrinkfit DIN holders

A range of DIN 4,5° shrinkfit adapters with M16 Combimaster connection size allow to use round tools like solid end mills with shanks diameter 6, 8, 10 and 12 mm (∅ 0.236", 0.315", 0.394" and 0.472")





Note: when mounted on Steadyline version fine tuning of assembly is recommended-please request.



Milling cutters holders

Seco Tools offers a broad range of shell mill holders based on spigot and tenon drive features according to ISO 3937 or DIN6357. Providing excellent results in rough to fine milling applications, this portfolio includes options for most machine side connections, as well as most workpiece side diameters.



| Type | Features | Designs |
|---|--|---|
| <p>Type SM...L1 (5525) Holder for tenon driven milling cutters, enlarged bearing face with coolant channels</p> | <ul style="list-style-type: none"> – Spigot and tenon drive acc. to ISO 3937, with enlarged (>ISO) bearing face for optimized rigidity – Multiple coolant channels through the spigot's face – Diam. 40 mm (1.575") with 4 threaded holes acc. to DIN6357 – Available in standard in Steadyline antivibration version – In case the cutter has no through coolant, use cross head center bolt with coolant channels, available in option – G6.3-20.000 rpm balancing (except CAT, HSK-A125 and Graflex) |  |
| <p>Type SM...F3L1 (5524) Holder for tenon driven milling cutters and disc mills type B, small bearing face with coolant channels</p> | <ul style="list-style-type: none"> – Spigot and tenon drive acc. to ISO 3937, small bearing face – Suitable for disc mill cutters type B – Multiple coolant channels through the spigot's face – In case the cutter has no through coolant, use cross head center bolt with coolant channels, option available – G6.3-20.000 rpm balancing (except CAT, HSK-A125 and Graflex) |  |
| <p>Type SMF (569) Holder for tenon driven milling cutters, large bearing face</p> | <ul style="list-style-type: none"> – Spigot and large tenon drive as well as enlarged bearing face acc. to DIN6357/DIN2079 with 4 screws to secure clamping when heavy roughing applications with high torque transmissions – Coolant through the spigot, one central channel – G6.3-20.000 rpm balancing (except CAT, HSK-A125 and Graflex) |  |
| <p>Type DM (5656/5657) Disc mill holder piston type, for disc mills type A</p> | <ul style="list-style-type: none"> – The disc mill is held by an adjustable sliding shaft arbor equipped with a driving key. The arbor and disc mill are locked using a pulling screw. – Slim workpiece side clamping flange for optimized accessibility – Prebalanced by design |  |

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Steadyline Milling cutter holders

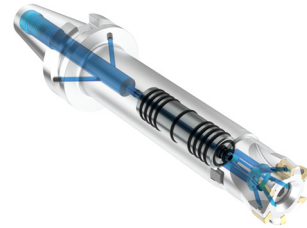
As the use of long overhang tools becomes increasingly popular throughout the manufacturing industry, Seco offers a patented line of Steadyline® damping tools including shell mill holders and Combimaster holders covering a broad range of milling applications from Ø20 (Ø0.787") to over Ø160 mm (Ø6.299").

The highly rigid and stable Steadyline® system effectively reduces unwanted vibrations in extreme cutting conditions via a "dynamic passive system" inside the holder body where a damping mass counter vibrates against the first flex vibration.

As such, these products can perform typical long overhang operations twice as fast as traditional tools, reduce spindle stress as well as offer high metal-removal rates, smooth part surface finishes and long tool life.

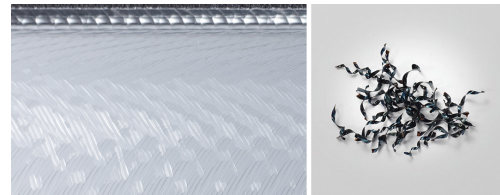
Inside view of a Steadyline Combimaster screw in system equipped with a R217.96-1640.RE-08-3A Square 6 shoulder and slot milling cutter

Inside view of Steadyline Shell mill holder equipped with a R220.69-0040-10-6A Turbo Mill cutter for challenging face milling applications



Machined with Steadyline

Machined with conventional holder, equivalent dimension



Designs

Steadyline Shell mill holder

Steadyline Combimaster

– **Conical-reinforced shape** maximizes the rigidity of the holder, to achieve high static and up to three times greater dynamic rigidity than equivalent solid holders

SM-KM-L1 ("5556") conical-reinforced shape

- Spigot sizes from Ø16 to 40 mm (Ø0.630 to 1.575")
- Enlarged bearing face
- Multiple coolant channels through the spigot's face
- Available in different projections up to 350 mm (Ø13.780")



M...K (K820) conical reinforced shape

- Connection sizes from M12 to M20
- Rigid and accurate Screw-in system, enabling to mount a large panel of replaceable milling heads for all kind of applications
- Available in different projections



– When the accessibility to the machining area does not allow conical holders, the **cylindrical shape** provides an excellent compromise between strong rigidity and accessibility. This enables machining over 5xD overhang with cutting speeds similar to short assemblies, increasing depth of cut by up to 3 times compared to classic long holders

SM-K-L1 ("5555") cylindrical shape



M...K (K821) cylindrical shape



Interested in finding out how to overcome tool overhang challenges?

Then we have an great overview of our Steadyline® products, which include cost-effective milling holders as well as turning and boring bars, perform typical long overhang operations twice as fast as traditional tools. Plus, these highly productive vibration-damping solutions offer high metal-removal rates, smooth part surface finishes and long tool life – all while reducing machine tool stress.

You will find out how the very accurate and rigid GL Connection will enable you to exchange in record times the front heads or just get expertise on how to achieve stable conditions with our solutions.

Visit secotools.com for all the latest information, machining data, manufacturing techniques and other developments on Steadyline® products or access our comprehensive Steadyline® brochure directly thru the QR code.



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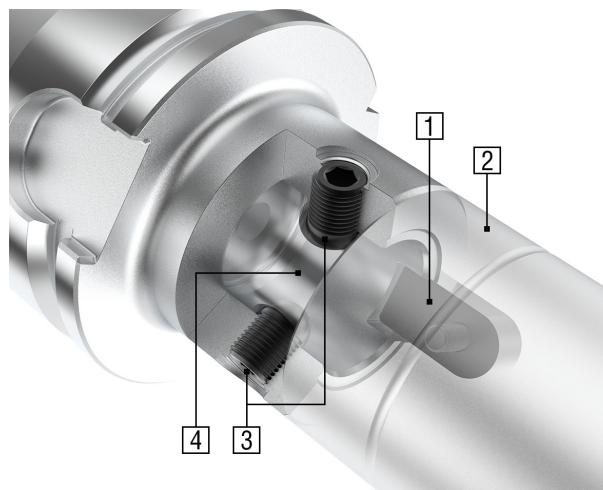
Shrinkfit

Graflex Modular system

Graflex assemblies include arbors, intermediates, tool holders and boring heads that can be rapidly built together when they are needed.

Suitable for milling, drilling, tapping, reaming and boring, Graflex modules offer tooling of variable lengths and diameters and can be fitted on all types of machines simply by substituting the Graflex basic arbor.

Excellent connection rigidity and precision enables Graflex assemblies to be used in similar machining conditions as the same sized Monobloc holders. The wide range of modules permits tooling dimensions closest to the required machining operation for optimized cutting conditions.



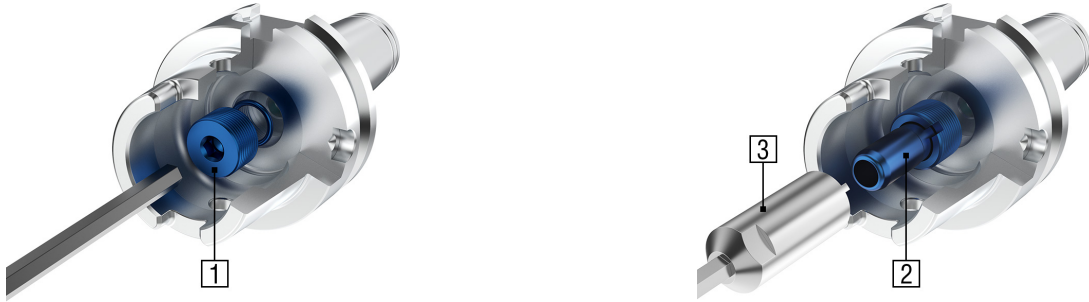
Most important features

- | | | | |
|---|--|---|---|
| 1 | The tenon secures the assembly. For operations involving interrupted cuts, the blocking screw on the tenon can be tightened to avoid micro rotational movements | 3 | Two ball screws, with fine pitched thread, turn radial pressure into axial locking pressure that forces the two faces together. The self-locking features amplifies the interfacial pressure: the harder the cutting forces, the tighter the connection becomes and the higher the rigidity of the assembly Radial access to the ball screw makes it very easy to handle, even directly on the machine |
| 2 | Great flexibility: assemblies of variable lengths and diameters can rapidly be built together, when they are needed. Graflex® modules e.g. tool holders and boring heads, as well as cutting tools can be fitted on all types of machines, by the substitution of only the basic Graflex® arbors, available in variety of machine side connections (HSK-A, HSK-E, DIN, BT, CAT, Seco Capto™ ...). The Graflex® modules are suitable for milling, drilling, tapping, reaming and boring. | 4 | The long spigot and face connection, combined with tight manufacturing tolerances, offer a strong and very accurate clamping of the assemblies. |

| |
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WARNING:

Using holders without a coolant tube or a plug fitted, when required by machine tool builder, could cause unseen machine spindle damages.



HSK-A and HSK-E coolant tubes and sealing plugs

- 1 Sealing plugs are recommended to protect the spindle
- 2 Coolant tubes are screwed into the backend of the HSK-A and HSK-E holders (HSK-C and F not required) to allow the distribution of the coolant from spindle to tool and protect the spindle and have a +/-1° of angular motion. This degree of freedom is provided to compensate for any misalignment during HSK clamping process
- 3 Key need to be ordered separately (see product pages)

Pull studs (retention knobs)

The pull stud is the component on which the machine drawbar grabs to pull back the tapered back end of the holder into the spindle.

Mainly designed according to international standards (DIN, BT-JIS ANSI, ISO...), it can also exist in different specific designs (on request). It is important to select the appropriate pull stud to avoid damages to the spindle



Assembly supports, Tool Boy

Provides a safe and efficient tool preparation facility. Can be easily fixed on a workbench. The head can be oriented in 4 indexed positions (horizontal and vertical). Different locking systems designs, depending on the holder's tapers designs (see product pages).

Tool boy is composed by a base unit and an interchangeable head but delivered as a complete unit.



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Seco Tools Tooling Systems can offer you all kind of special made rotating tool holders, fine and roughing boring bars as well as Steadyline holders for turning, boring and milling.

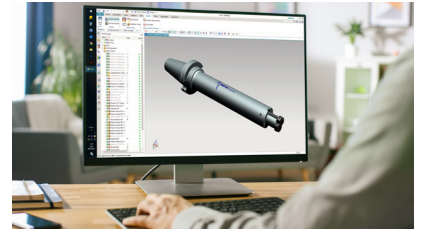
With our long experience, over 60 years in the industry, we have the expertise to design and manufacture your custom-made tools with the highest quality and best performance guarantees.

A team of global product specialists can support you to develop the best adapted solutions for your specific needs. Our design team will provide you with an approval drawing before manufacturing.

And finally, a dedicated workshop, only for custom-made orders, located in France, will produce your solutions within promised lead times.

We have already supplied a large number of winning solutions in the past to customers active in all main industry segments (Aerospace, Automotive, Power generation, General engineering, ...) which helped them to stay competitive, cost-effective, and deliver in time their finished components.

Please contact your Seco representative.



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Balancing qualities

Guide

At high spindle speeds (rpm) raises a number of dynamic forces which generate vibrations, shortening tool life, lowers quality of the machined surface, and creates machine wear. Not all holders are dedicated to run at higher rotations, depending also from the back-end types and sizes, it's why at Seco Tooling Systems, we apply a specific balancing strategy based on the commonly accepted industry standard (ISO1940) which express the balancing quality with G grades.

You will find through the product pages (under column "balancing") and through this guide pages, indications about the balancing quality for each of our holders:

HSK-A

- not balanced at all
- PB: pre-balanced holders by design
- G6.3-20.000 rpm
- G2.5-25.000 rpm or $U \leq 1$ g.mm for all holders dedicated for High Speed Cutting applications

HSK-E

On request, and if feasible, we can fine balance all holders to G2.5.

DIN

BT JIS



CAT

Combimaster

Holes for RFID carrier

Graflex

Product pages contain a column 'RFID hole', mentioning if a hole for RFID carrier is available on the tool holders:

RFID hole = 1: the tool holder feature a hole for RFID carrier, according to respective machine side norms.

RFID carriers can be fitted on request, please enquire.

RFID hole = 0: RFID carrier hole not available. Holes for RFID carriers can be machined and RFID carriers fitted on request, please enquire.

Seco Capto™

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Clamping torques, fixed handles, torque keys and roller heads for ER HP Collet chucks

- For nut tightening use either the fixed handle or a torque key. For releasing the nut use only fixed handles (except for size ER08 where a torque key can be used to release the nut)
- To ensure best low runout, clamp only cylindrical tool shanks DIN 1835-1 Form A/DIN 6535 Form HA, shank tolerance maxi h10, clamped on nominal diameter
- The maximum indicated rpm will depend on taper back-end type and size
- See Accessories Product pages for more details

| Collet size | Nut OD | Capacity DCBN-DCBX | Recommended clamping torque | Fixed handle ref. | Torque key ref. | Roller head ref. | Max recommended RPM |
|-------------|--------|------------------------------|--------------------------------|-------------------|-----------------|------------------|---------------------------|
| ER HP 08R | 10 | 1,0-5,0 mm 0.039-0.197" | 8 Nm 5.900 ft lb | | 03DYE003025 | 03ERB010 | 60.000 |
| ER HP 11R | 16 | 1,0-2,5 mm 0.039-0.098" | 10 Nm 7.376 ft lb | 03LME0912140 | 03DYE003025 | 03ER016 | 60.000 |
| | | 3,0-7,0 mm 0.118-0.275" | 20 Nm 14.75 ft lb | | | | |
| ER HP 16R | 22 | 1,0-4,5 mm 0.039-0.138" | 20 Nm 14.75 ft lb | 03LME0912140 | 03DYE010050 | 03ER022 | 60.000 |
| | | 5,0-10,0 mm 0.196-0.394" | 30 Nm 22.13 ft lb | | | | |
| ER HP 16 | 30 | 1,0-4,5 mm 0.039-0.138" | 30 Nm 22.13 ft lb | 03LME1418260 | 03DYE10100B | 03ER030B | 42.000 |
| | | 5,0-10,0 mm 0.196-0.394" | 80 Nm 59.00 ft lb | | | | |
| ER HP 20 | 32 | 1,0-5,5 mm 0.039-0.217" | 40 Nm 29.50 ft lb | 03LME1418260 | 03DYE10100B | 03ER032B | 30.000 |
| | | 6,0-13 mm 0.236-0.512" | 80 Nm 59.00 ft lb | | | | |
| ER HP 25 | 40 | 1,0-5,5 mm 0.039-0.217" | 40 Nm 29.50 ft lb | 03LME1418260 | 03DYE10100B | 03ER040 | 25.000 |
| | | 6,0-13 mm 0.236-0.512" | 90 Nm 73.00 ft lb | | | | |
| ER HP 32 | 50 | 2,0-5,5 mm 0.078-0.217" | 40 Nm 29.50 ft lb | | | | 25.000 |
| | | 6,0-15,5 mm 0.236-0.590" | 120 Nm 88.50 ft lb | 03LME1418370 | 03DYE040200 | 03ER050 | |
| | | 16,0-19,5 mm 0.629-0.768" | 140 Nm 103.26 ft lb | | | | |
| | | 20,0 mm 0.787" | 180 Nm 132.76 ft lb | | | | |

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Clamping torques, torque keys, and sockets for standard ER Collet chucks

For standard ER nut tightening and releasing, both spanner types , hook or sockets on torque keys are available as accessories, see Product pages and accessories Product pages

| | Collet size | Nut OD | Capacity DCBN-DCBX | Recommended tightening torque | Torque key | | Socket type |
|-------|-------------|--------|---------------------------|----------------------------------|-----------------|-----------------|-------------|
| | | | | | Torque key ref. | Torque capacity | |
| HSK-A | ER 16 | 27 | 0,5-10 mm 0.020-0.394" | 56 Nm max 41.2 ft lb max | 03DYE10100B | 10-100 Nm | 03EF1425S |
| HSK-E | ER20 | 30 | 0,5-13 mm 0.020-0.512" | 80 Nm max 59 ft lb max | 03DYE10100B | 10-100 Nm | 03EF1430S |
| | ER25 | 22 | 1,0-16 mm 0.039-0.630" | 104 Nm max 76.7 ft lb max | 03DYE040200 | 40-200 Nm | 03EF1425E |
| | ER32 | 50 | 2,0-20mm 0.079-0.787" | 136 Nm max 100.3 ft lb max | 03DYE040200 | 40-200 Nm | 03EF1432E |
| DIN | ER40 | 32 | 2,0-26 mm 0.079-0.118" | 176 Nm max 129.81 ft lb max | 03DYE040200 | 40-200 Nm | 03EF1440E |

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ER Collet chucks, cylindrical extensions (ER-5450)

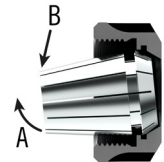
| Collet size | Capacity DCBN-DCBX | Recommended tightening torque*, max |
|-------------|---|-------------------------------------|
| ER 08R | \varnothing 0,5 - 5 mm \varnothing 0.020 - 0.197" | 6 Nm max 4.42 ft lb max |
| ER 11R | \varnothing 0,5 - 7 mm \varnothing 0.020 - 0.276" | 16 Nm max 11.80 ft lb max |
| ER 16R | \varnothing 5,0 - 10 mm \varnothing 0.020 - 0.394" | 24 Nm max 17.70 ft lb max |
| ER 20R | \varnothing 5,0 - 13 mm \varnothing 0.020 - 0.512" | 28 Nm max 20.65 ft lb max |
| ER 25R | \varnothing 1,0 - 16 mm \varnothing 0.039 - 0.630" | 32 Nm max 23.60 ft lb max |

* For nut tightening and releasing, both key types hook and roller (torque spanner and classic spanner) are available as Accessories, see Product Pages

Note: To ensure lowest runout, clamp only cylindrical tool shanks DIN 1835-1 Form A/ DIN 6535 Form HA, shank tol. maxi h10, clamped on nominal diameter. Runout can vary when using axial stop screw.

Mounting advice
Collet

- Insert collet into the nut aligned with the mark. Push collet by applying pressure (A) until hearing a « click ».
- Fit the tool and screw the nut onto the tool holder.
- To release the collet, unscrew the nut from the tool holder, apply radial pressure (B).
- Never lock the nut without a tool in place.


Sealing ring

- Insert sealing ring into the nut from the back, until it "clicks" into the nut's front face. The sealing ring's marked face should be oriented inside the nut to avoid erosion of the diameter information marking.
- Release by pressure onto the sealing ring's front face



Shrinkfit holders

Guide

Recommended Max RPM**

| Clamping Ø | Type DIN (SFD-/SFD...L1-5603/5403)/5402)* | Type reinforced (SFR-5600) | Type Slim M&D (SFS-5801) | |
|-------------|---|----------------------------|--------------------------|--------|
| HSK-A | 3 mm 0.118" | 45.000 | – | 60.000 |
| | 4 mm 0.157" | 45.000 | – | 60.000 |
| HSK-E | 5 mm 0.196" | 45.000 | – | 60.000 |
| | 6 mm 0.236" | 45.000 | 45.000 | 40.000 |
| DIN | 8 mm 0.315" | 45.000 | 45.000 | 40.000 |
| | 10 mm 0.394" | 40.000 | 40.000 | 40.000 |
| | 12 mm 0.472" | 40.000 | 40.000 | 40.000 |
| BT JIS | 14 mm 0.551" | 38.000 | – | 40.000 |
| | 16 mm 0.630" | 38.000 | 38.000 | 40.000 |
| CAT | 18 mm 0.708" | 35.000 | – | – |
| | 20 mm 0.787" | 35.000 | 35.000 | – |
| Combimaster | 25 mm 0.984" | 32.000 | 30.000 | – |
| | 32 mm 1.260" | 30.000 | 25.000 | – |

* Tool shanks

– Type: Cylindrical DIN 1835-1 Form A/ DIN 6535 Form HA

– Tolerances: Ø 3 to 5 mm (Ø 0.118" to 0.197") maximum h5, tool shank must be carbide or heavy metal (e.g. Densimet). Ø 6 to 32 mm (Ø 0.236" to 1.260") maximum h6, tool shank can be steel, HSS, carbide or heavy metal. Using h5 for Ø 6 to 32 mm (Ø 0.236" to 1.260") provides a safer minimum clamping torque. Make sure the minimum shrinking depth LSC shown in the Product pages for each holder is followed when fitting the tool shank into the holder.

** For Shrink fit holders equipped with MQL1: maxi 16.000 rpm.

***Heat resistance: maximum acceptable temperature: 400°C

Seco Capto™

Kit of balancing screws for Shrinkfit holders (all except Slim types)

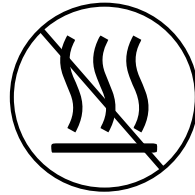
These kits contain screws of different sizes, to be mounted into the balancing threaded holes of all shrinkfit holders except the slim version. The screws will allow to fine tune the balancing quality of the assemblies holder+tool on a suitable balancing machine. The screws must be inserted until stop in the threaded holes with a torque of 1 Nm (0.736 ft lb).



Others

Operating & setting accessories

Shrinkfit



Hydraulic chucks are not Shrinkfit chucks: don't heat them!

Hydraulic expansion chucks (HC-5834)

| Clamping Ø | Max rpm (min ⁻¹) | | | | | Minimum clamping depth | |
|-----------------|------------------------------|-------------------------------|--------------------|--------|---|---|--|
| | Standard design HC | Reinforced design HCR | Slim design 3° HCS | | | | |
| | HSK-A, DIN, BT, BT T/F, CAT | Seco Capto™, Graflex, CAT T/F | All | All | Standard HC and Reinforced HCR in HSK-A, DIN, BT, BT T/F, CAT, Seco Capto™, Graflex | Standard HC in CAT-T/F, and all slim HCS 3° | |
| 6 mm 0.236" | 50.000 | 40.000 | | 40.000 | 27 mm 1.063" | 27 mm 1.063" | |
| 8 mm 0.315" | 50.000 | 40.000 | | 40.000 | 27 mm 1.063" | 27 mm 1.063" | |
| 10 mm 0.394" | 50.000 | 40.000 | | 40.000 | 31 mm 1.220" | 32 mm 1.260" | |
| 12 mm 0.472" | 50.000 | 40.000 | 50.000 | 40.000 | 36 mm 1.417" | 37 mm 1.457" | |
| 14 mm 0.551" | 50.000 | 40.000 | | 40.000 | 36 mm 1.417" | 37 mm 1.457" | |
| 16 mm 0.630" | 50.000 | 40.000 | | 40.000 | 39 mm 1.535" | 42 mm 1.654" | |
| 20 mm 0.787" | 50.000 | 40.000 | 50.000 | 40.000 | 41 mm 1.614" | 42 mm 1.654" | |
| 25 mm 0.984" | 25.000 | 25.000 | | 25.000 | 47 mm 1.850" | 48 mm 1.890" | |
| 32 mm 1.260" | 25.000 | 25.000 | 25.000 | 25.000 | 51 mm 2.000" | 55 mm 2.165" | |

- Operating temperature: 20-50°C
- Max. coolant pressure: 80 bar/1160 psi, Seco Capto™ and Graflex: 70 bar/1015 psi
- Adjustment range of the length: 10 mm. Tool must be inserted at recommended minimum clamping length (see chart)
- Tool shank quality: h6 or better
- Adapt your parameters in case of long tools, heavy tools, and when using extensions
- HC Straight shanks limited to maxi 10.000 rpm

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

Tapping chucks with micro-compensation (TCER-5867)

Guide

| Tapping chuck size | Recommended tightening torque |
|--------------------|-------------------------------|
| ER 11 | 30 Nm 22.13 ft lb |
| ER 20 | 100 Nm 73.76 ft lb |
| ER 25 | 130 Nm 95.88 ft lb |
| ER 40 | 220 Nm 163.26 ft lb |
| ER 50 | 260 Nm 191.77 ft lb |

HSK-A

HSK-E

– For nut tightening and releasing, both spanner types: hook and roller (torque spanner and classic spanner) are available as Accessories, see Product Pages and detailed description of the roller spanners in chapter Operating & setting accessories.

DIN

NC Drill chucks (UDC-5085)

BT JIS

| Capacity \varnothing | Minimum transmissible torque | Maximum tightening torque |
|---|------------------------------|----------------------------------|
| \varnothing 1 - 13 mm \varnothing 0.039 - 0.512" | 80 Nm 59.00 ft lb | 10 - 15 Nm 7.37 - 11.06 ft lb |
| \varnothing 2,5 - 16 mm \varnothing 0.098 - 0.630" | 120 Nm 88.51 ft lb | 10 - 15 Nm 7.37 - 11.06 ft lb |

CAT

Combimaster (M-5820/5821/5822)

Combimaster

| Combimaster connection size | Tightening torque | Tightening key size SW |
|-----------------------------|-----------------------|------------------------|
| M6 | 10 Nm 7.38 ft lb | 9 mm 0.354" |
| M8 | 25 Nm 18.44 ft lb | 11 mm 0.433" |
| M10 | 40 Nm 29.50 ft lb | 15 mm 0.590" |
| M12 | 60 Nm 44.25 ft lb | 19 mm 0.748" |
| M16 | 80 Nm 59.00 ft lb | 26 mm 1.023" |
| M20 | 120 Nm 88.51 ft lb | 32 mm 1.260" |

Graflex

Seco Capto™

Recommendations of use for Combimaster extensions in Heavy Metal and Carbide:

– Heavy Metal and Carbide extensions are recommended for long overhangs
 – Heavy Metal provides a high modulus of rigidity, but is sensitive to bending. Carbide is very rigid but brittle, thus sensitive to shocks. Only to use for finishing operations with small ap and ae

Others

– Use Combimaster cutters with fewer inserts to reduce vibrations
 – Select inserts with light geometries, with small edge rounding and preferably with PVD coating
 – High feed is a perfect solution in correlation for long applications
 – Ensure a very good chips evacuations

Operating & setting accessories

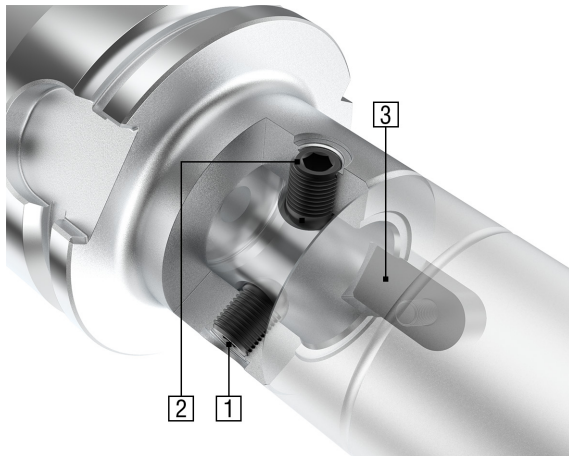
Seco Capto™

Shrinkfit

| Seco Capto™ sizes | Center Bolt tightening torque | Cam tightening torque for receivers with segment clamping |
|-------------------|--|---|
| C3 | 40 - 50 Nm <i>29.50 - 36.88 ft lb</i> | 35 Nm <i>25.81 ft lb</i> |
| C4 | 50 - 60 Nm <i>36.88 - 44.25 ft lb</i> | 50 Nm <i>36.88 ft lb</i> |
| C5 | 90 - 100 Nm <i>66.38 - 73.76 ft lb</i> | 70 Nm <i>51.69 ft lb</i> |
| C6 | 160 - 180 Nm <i>118.00 - 132.76 ft lb</i> | 90 Nm <i>66.38 ft lb</i> |
| C8 | 160 - 180 Nm <i>118.00 - 132.76 ft lb</i> | 130 Nm <i>95.88 ft lb</i> |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

Graflex Modular System



Case 1: normal cuts

- Clean properly the pieces to be assembled
- Lightly tighten screw #1 until it makes contact
- Lightly tighten screw #2 until it makes contact
- Torque screw #1 (low values= light cutting; High values= heavy duty cutting)
- Torque screw #2 (low values= light cutting; High values= heavy duty cutting)

Case 2: intermittent cuts

- Tighten key with radial screw #3, before final tightening of screw #1 and #2

| Graflex size | Graflex screws 1 and 2 | | Tenon blocking screw 3 |
|--------------|--|------|-----------------------------|
| | Low | High | |
| G0 | 1,5 - 2 Nm <i>1.106 - 1.47 ft lb</i> | | - |
| G1 | 1,5 - 2 Nm <i>1.106 - 1.47 ft lb</i> | | - |
| G2 | 2,5 - 4 Nm <i>1.844 - 2.95 ft lb</i> | | - |
| G3 | 5 - 8 Nm <i>3.69 - 5.90 ft lb</i> | | 0,4 Nm <i>0.29 ft lb</i> |
| G4 | 13 - 20 Nm <i>9.59 - 14.75 ft lb</i> | | 0,7 Nm <i>0.52 ft lb</i> |
| G5 | 17 - 25 Nm <i>12.54 - 18.44 ft lb</i> | | 2 Nm <i>1.47 ft lb</i> |
| G6 | 23 - 35 Nm <i>16.97 - 25.81 ft lb</i> | | 4 Nm <i>2.95 ft lb</i> |
| G7 | 40 - 60 Nm <i>29.50 - 44.25 ft lb</i> | | 8 Nm <i>5.9 ft lb</i> |

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Shrinkfit

Sealing screws and sealing dowels

Tool holders with steep tapers (DIN, BT, CAT) featuring ADB coolant holes, are equipped with two removable sealing screws or sealing dowels mounted into the flange.

Sealing screws Part No 950A0406 for taper size 40 and Part No 950A0606 for taper size 50 (reusable)

- To use the coolant channels through the flange (Form B type), remove the sealing screws / Dowel, and utilize a sealed pull stud
- To use coolant through the center (Form AD type), be sure the plugs are mounted in the flanges, and utilize a pull stud with a drilled coolant channel
- To mount the sealing screws: clean, apply some sealing paste onto the thread (recommended: Loctite 577); screw the sealing screw until its back face is flush with holder's flange; It is recommended to wait 24 hours to reach the maximum sealing resistance (100 bar)



Sealing dowels Part No 564301701 for taper size 40 and Part No 564301702 for taper size 50 (single use only !)

1.1
The holders are delivered from stock with plugged B coolant channels (ready for central coolant form AD) with two plastic dowels

Dismounting:

2.1
To allow coolant through the flange (Form B type), remove the dowel locking screw with a hex key 1,5 mm

2.2
Mount two hexagon socket head screws M3 by screwing it 1,5 to 2 turns into the plastic body 2.3-With pliers, pull out the screw and the plastic body together

2.3
With pliers, pull out the screw and the plastic body together

Mounting:

3.1
Sealing dowels, available as spare parts are for single use only.

3.2
Introduce the two new sealing dowel's plastic bodies, without screw, completely into the two through coolant channels by using an assembly tool, the dowels must not stand out of the flange.

3.3
Tighten the two dowels completely with a size 1,5 mm hex key.

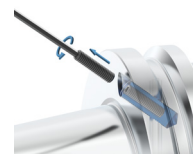


Fig. 2.1



Fig. 2.2



Fig. 2.3

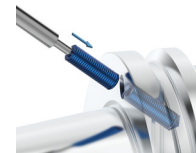


Fig. 3.2

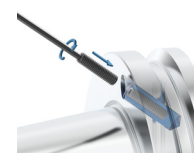


Fig. 3.3

Safety

- Always select the best appropriate tool holder type in accordance with your machining application, and tool shank design (see advices in the technical guide)
- Tool must be inserted all the way and securely clamped into or onto the tool holder, using appropriate means (like torque wrenches when clamping torque is recommended). In any case don't over torque, or do not overheat when using a shrink fit heating device.
- Use a Toolboy fixture strongly bolted on a workbench to handle tool assembling/disassembling in safe conditions
- Carefully follow the instructions when delivered along with the products. Special care is requested for the use of the Easyshrink EVO and the Steadyliner antivibration holders.
- Use gloves to protect hands and wear protective foot wear. Direct touch of sharp cutting edges may cause injuries
- Handle and carry heavy assemblies with appropriate lifting equipment's
- Make sure to never exceed the maximum cutting conditions recommended for the tool and/or the tool holder
- Do not touch the tool or tool holders when rotating on the machine



Maintenance

- Check on a regular basis the machine spindle's pulling power
- Thoroughly clean all parts (tool holder inner bore and taper, tool shank, spindle,...) before and after use to guarantee best performance.
- Dismount your assemblies periodically to clean and oil them
- Store the holders in a clean and dry place; spray a fine layer of oil to prevent corrosion
- Look for wear on the taper (fretting corrosion) and bores, as well as on the accessories like collets, pull studs,... replace them whenever needed. Make sure the tool shank is undamaged before insertion
- We can offer maintenance/repair services for all our Hydro chucks, please send a request. Never remove the pressurizing screw or the air-release screw



Recycling

- Recycling of our products, when they have come to the end of their useful life, must be done following the local regulations and legislations. Preferably dismantle products to sort out parts of the tool holders according to material type: ferrous materials (steel), nonferrous materials, plastics, others.
- Most of the products are delivered in paper card or plastic boxes which can be recycled accordingly to local regulations and legislations
- Some products are wrapped in anti-corrosion protection papers which can be treated like brown/craft paper according to local regulations and legislations.
- Products which are wrapped in oily plastic bags can be considered as Industrial hazardous waste to be treated according to local regulations and legislations.



Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

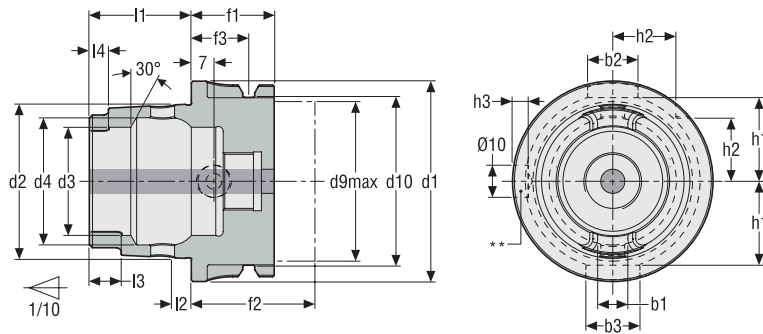
Shrinkfit



HSK-A

Seco allows you to get the most out of both your machine and tools by offering a comprehensive range of tool holders to connect them. **HSK-A** is a lighter weight tool compared to ISO-tapers and offers high consistency in terms of radial and axial accuracy. The range covers all standard workpiece side connections, as well Seco's unique connections.

- Steadyline, vibration damping shell mill holders
- Shell mill holders, with through coolant channels
- Milling cutter holders, flange mounting
- Disc mill holders
- Side lock holders, Weldon
- Shrinkfit holders
- High precision collet chucks
- Hydraulic chucks and Power milling chucks
- ER collet chucks
- Drill chucks and Tapping chucks
- Greenstock blanks and Control bars



| DIN | Machine side catalogue designation | Hole for RFID carrier** | Dimensions | | | | | | | | | | | | | | | | | | |
|----------|------------------------------------|-------------------------|----------------|----------------|--------------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------------------|
| | | | d ₁ | d ₂ | d _g max | d ₃ | d ₁₀ | d ₄ | f ₁ | f ₂ | f ₃ | l ₁ | l ₂ | l ₃ | l ₄ | b ₁ | b ₂ | b ₃ | h ₁ | h ₂ | h ₃ ^{+0.2} |
| BT JIS | mm | | | | | | | | | | | | | | | | | | | | |
| CAT | inch | | | | | | | | | | | | | | | | | | | | |
| HSK-A32 | ** | | 32 | 24 | 26 | 17 | 26,5 | 20,5 | 20 | 35 | 16 | 16 | 3,2 | 5 | 3 | 7,05 | 7 | 9 | 13 | 9,5 | 5,4 |
| | | | 1.260 | 0.945 | 1.024 | 0.669 | 1.043 | 0.807 | 0.787 | 1.378 | 0.630 | 0.630 | 0.126 | 0.197 | 0.118 | 0.278 | 0.276 | 0.354 | 0.512 | 0.374 | 0.213 |
| HSK-A100 | ** | | 100 | 75 | 88 | 53 | 92 | 63 | 29 | 45 | 20 | 50 | 10 | 15 | 10 | 20,02 | 20 | 22 | 44 | 31,5 | 4,9 |
| | | | 3.937 | 2.953 | 3.465 | 2.087 | 3.622 | 2.480 | 1.142 | 1.772 | 0.787 | 1.969 | 0.394 | 0.591 | 0.394 | 0.788 | 0.787 | 0.866 | 1.732 | 1.240 | 0.193 |
| HSK-A125 | ** | | 125 | 95 | 111 | 67 | 117 | 80 | 29 | 45 | 20 | 63 | 12,5 | 19 | 12 | 25,02 | 25 | 28 | 55,5 | 31,5 | 4,8 |
| | | | 4.921 | 3.740 | 4.370 | 2.638 | 4.606 | 3.150 | 1.142 | 1.772 | 0.787 | 2.480 | 0.492 | 0.748 | 0.472 | 0.985 | 0.984 | 1.102 | 2.185 | 1.240 | 0.189 |
| HSK-A40 | ** | | 40 | 30 | 34 | 21 | 34,8 | 25,5 | 20 | 35 | 16 | 20 | 4 | 6 | 3,5 | 8,05 | 9 | 11 | 17 | 12 | 5,2 |
| | | | 1.575 | 1.181 | 1.339 | 0.827 | 1.370 | 1.004 | 0.787 | 1.378 | 0.630 | 0.787 | 0.157 | 0.236 | 0.138 | 0.317 | 0.354 | 0.433 | 0.669 | 0.472 | 0.205 |
| HSK-A50 | ** | | 50 | 38 | 42 | 26 | 43 | 32 | 26 | 42 | 18 | 25 | 5 | 7,5 | 4,5 | 10,54 | 12 | 14 | 231 | 15,5 | 5,1 |
| | | | 1.969 | 1.496 | 1.654 | 1.024 | 1.693 | 1.260 | 1.024 | 1.654 | 0.709 | 0.984 | 0.197 | 0.295 | 0.177 | 0.415 | 0.472 | 0.551 | 9.094 | 0.610 | 0.201 |
| HSK-A63 | ** | | 63 | 48 | 53 | 34 | 55 | 40 | 26 | 42 | 18 | 32 | 6,3 | 10 | 6 | 12,54 | 16 | 18 | 26,5 | 20 | 5 |
| | | | 2.480 | 1.890 | 2.087 | 1.339 | 2.165 | 1.575 | 1.024 | 1.654 | 0.709 | 1.260 | 0.248 | 0.394 | 0.236 | 0.494 | 0.630 | 0.709 | 1.043 | 0.787 | 0.197 |
| HSK-A80 | ** | | 80 | 60 | 67 | 42 | 70 | 50 | 26 | 42 | 18 | 40 | 8 | 12 | 8 | 16,04 | 18 | 20 | 34 | 25 | 4,9 |
| | | | 3.150 | 2.362 | 2.638 | 1.654 | 2.756 | 1.969 | 1.024 | 1.654 | 0.709 | 1.575 | 0.315 | 0.472 | 0.315 | 0.631 | 0.709 | 0.787 | 1.339 | 0.984 | 0.193 |

Seco's holders HSK-A have a radial hole through the taper for manual clamping, compatible with HSK-C.

Note: These machine side dimensions are applied to all the holders shown in the Product pages.

** In order to know if a hole for RFID carrier exists, see 'RFID hole' column in Product pages:

1= hole for RFID carrier available, if required a carrier can be fitted on request, please enquire.

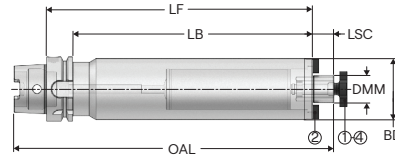
0= hole for RFID carrier not available, if required hole can be machined and a carrier can be fitted on request, please enquire.

Steadyline®, vibration damping
- Metric/ Inch

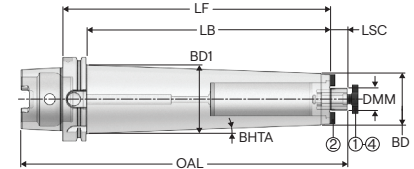
HSK-A/ ISO12164-1-HSK-A



Design 1 (5555)



Design 2 (5556)



-DMM 40 mm / 1.575", includes 4 threaded holes for M12 screws on the bearing face $\varnothing 66,7$ mm / 2.626" according to DIN 6357
-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
-For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

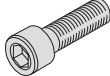

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | BD1 | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|---------------|-------------|----------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|---------------|--------|-------|-----------|-----------|-----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| E930455516160 | 02706254 | HSK-A63 | 16,0 0.630 | 160,0 6.299 | 38,0 1.496 | 38,0 1.496 | 209,0 8.228 | 134,0 5.276 | 17,0 0.669 | 1 | - | 1 | PB | 2,4 5.290 |
| E930455522210 | 02675615 | HSK-A63 | 22,0 0.866 | 210,0 8.268 | 48,0 1.890 | 48,0 1.890 | 261,0 10.276 | 184,0 7.244 | 19,0 0.748 | 1 | - | 1 | PB | 3,54 7.800 |
| E930455522260 | 02675617 | HSK-A63 | 22,0 0.866 | 260,0 10.236 | 48,0 1.890 | 63,925 2.517 | 311,0 12.244 | 234,0 9.213 | 19,0 0.748 | 2 | 1,8 | 1 | PB | 5,38 11.860 |
| E930455527260 | 02675619 | HSK-A63 | 27,0 1.063 | 260,0 10.236 | 60,0 2.362 | 60,0 2.362 | 313,0 12.323 | 234,0 9.213 | 21,0 0.827 | 1 | - | 1 | PB | 6,56 14.460 |
| E930655522210 | 02675620 | HSK-A100 | 22,0 0.866 | 210,0 8.268 | 48,0 1.890 | 48,0 1.890 | 279,0 10.984 | 181,0 7.126 | 19,0 0.748 | 1 | - | 1 | PB | 4,8 10.580 |
| E930655522260 | 02675621 | HSK-A100 | 22,0 0.866 | 260,0 10.236 | 48,0 1.890 | 65,0 2.559 | 329,0 12.953 | 231,0 9.094 | 19,0 0.748 | 2 | 2,0 | 1 | PB | 6,78 14.950 |
| E930655527260 | 02670609 | HSK-A100 | 27,0 1.063 | 260,0 10.236 | 60,0 2.362 | 60,0 2.362 | 331,0 13.031 | 231,0 9.094 | 21,0 0.827 | 1 | - | 1 | PB | 7,92 17.460 |
| E930655527320 | 02670605 | HSK-A100 | 27,0 1.063 | 320,0 12.598 | 60,0 2.362 | 82,0 3.228 | 391,0 15.394 | 291,0 11.457 | 21,0 0.827 | 2 | 2,0 | 1 | PB | 11,86 26.150 |
| E930655532330 | 02706255 | HSK-A100 | 32,0 1.260 | 330,0 12.992 | 78,0 3.071 | 78,0 3.071 | 404,0 15.906 | 301,0 11.850 | 24,0 0.945 | 1 | - | 1 | PB | 14,42 31.790 |
| E930655540350 | 02753468 | HSK-A100 | 40,0 1.575 | 350,0 13.780 | 89,0 3.504 | 89,0 3.504 | 427,0 16.811 | 321,0 12.638 | 27,0 1.063 | 1 | - | 1 | PB | 19,4 42.770 |

Accessories

| For | Bolt, through coolant | Spanner 3 |
|------------|-----------------------|-----------|
| 16 / 0.630 | 5801608L | 03E9304 |
| 22 / 0.866 | 5802210L | 03E9304 |
| 22 / 0.866 | 5802210L | 03E9306 |
| 27 / 1.063 | 5802712L | 03E9304 |
| 27 / 1.063 | 5802712L | 03E9306 |
| 32 / 1.260 | 5803216L | 03E9306 |
| 40 / 1.575 | 5804020L | 03E9306 |

Spare Parts, included in delivery

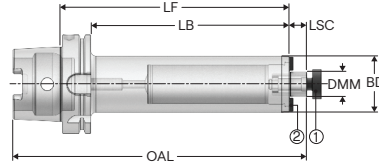
| Guide | For | Bolt | Screw | Tenon |
|---------------------------------|------------|---|---|---|
| | |  |  |  |
| HSK-A | 16 / 0.630 | 5801608 | 950D0312 | 16C2080810A |
| | 22 / 0.866 | 5802210 | 950D0416 | 16C2101111 |
| | 27 / 1.063 | 5802712 | 950D0516 | 16C2121214A |
| | 32 / 1.260 | 5803216 | 950D0516 | 16C2141421A |
| | 40 / 1.575 | 5804020 | 950D0616 | 16C2161621A |
| HSK-E | | | | |
| DIN | | | | |
| BT JIS | | | | |
| CAT | | | | |
| Combimaster | | | | |
| Graflex | | | | |
| Seco Capto™ | | | | |
| Others | | | | |
| Operating & setting accessories | | | | |
| Shrinkfit | | | | |

Steadyline[®], vibration damping
- Inch

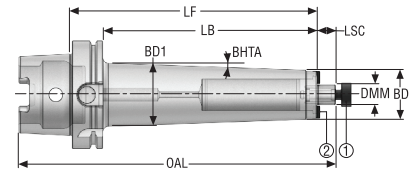
HSK-A/ ISO12164-1-HSK-A



Design 1 (5555)



Design 2 (5556)


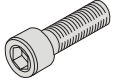



-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
-For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | BD1 | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E9306555075750 | 02689508 | HSK-A100 | 0.750 | 7.500 | 1.750 | 1.750 | 10.157 | 6.358 | 0.689 | 1 | - | 1 | PB | 9.480 |

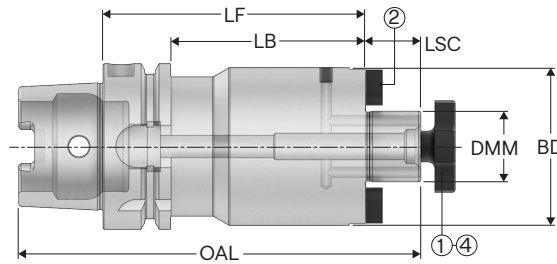
Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|-------|---|---|--|
| 0.750 |  58211905 |  950D0312 |  16C2080712A |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

With through coolant channels – ISO 3937
– Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



–DMM 40 mm / 1.575", includes 4 threaded holes for M12 screws on the bearing face $\varnothing 66,7$ mm / 2.626" according to DIN 6357
–For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
–For ISO attribute explanation, see page 15


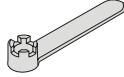
Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw


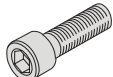

| BT JIS | Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|---------------------------------|---------------------|-------------|----------|---------------|----------------|---------------|----------------|----------------|---------------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| CAT | HSKA63-SM16-050-L1 | 03301550 | HSK-A63 | 16,0 0.630 | 50,0 1.969 | 38,0 1.496 | 99,0 3.898 | 24,0 0.945 | 17,0 0.669 | 1 | G6.3 | 0,9 1.980 |
| | HSKA63-SM16-100-L1 | 03301551 | HSK-A63 | 16,0 0.630 | 100,0 3.937 | 38,0 1.496 | 148,0 5.827 | 74,0 2.913 | 17,0 0.669 | 1 | G6.3 | 1,4 3.090 |
| | HSKA63-SM16-145-L1 | 03301552 | HSK-A63 | 16,0 0.630 | 145,0 5.709 | 38,0 1.496 | 194,0 7.638 | 119,0 4.685 | 17,0 0.669 | 1 | G6.3 | 1,8 3.970 |
| Combimaster | HSKA63-SM22-050-L1 | 03301556 | HSK-A63 | 22,0 0.866 | 50,0 1.969 | 48,0 1.890 | 101,0 3.976 | 24,0 0.945 | 19,0 0.748 | 1 | G6.3 | 1,1 2.430 |
| | HSKA63-SM22-100-L1 | 03301557 | HSK-A63 | 22,0 0.866 | 100,0 3.937 | 48,0 1.890 | 151,0 5.945 | 74,0 2.913 | 19,0 0.748 | 1 | G6.3 | 1,8 3.970 |
| | HSKA63-SM22-160-L1 | 03301558 | HSK-A63 | 22,0 0.866 | 160,0 6.299 | 48,0 1.890 | 211,0 8.307 | 134,0 5.276 | 19,0 0.748 | 1 | G6.3 | 2,6 5.730 |
| Grafflex | HSKA63-SM27-060-L1 | 03301563 | HSK-A63 | 27,0 1.063 | 60,0 2.362 | 60,0 2.362 | 113,0 4.449 | 34,0 1.339 | 21,0 0.827 | 1 | G6.3 | 1,4 3.090 |
| | HSKA63-SM27-100-L1 | 03301564 | HSK-A63 | 27,0 1.063 | 100,0 3.937 | 60,0 2.362 | 153,0 6.024 | 74,0 2.913 | 21,0 0.827 | 1 | G6.3 | 2,3 5.070 |
| | HSKA63-SM27-160-L1 | 03301565 | HSK-A63 | 27,0 1.063 | 160,0 6.299 | 60,0 2.362 | 213,0 8.386 | 134,0 5.276 | 21,0 0.827 | 1 | G6.3 | 3,1 6.830 |
| Seco Capto™ | HSKA63-SM32-060-L1 | 03301568 | HSK-A63 | 32,0 1.260 | 60,0 2.362 | 78,0 3.071 | 116,0 4.567 | 34,0 1.339 | 24,0 0.945 | 1 | G6.3 | 1,7 3.750 |
| | HSKA63-SM32-100-L1 | 03301569 | HSK-A63 | 32,0 1.260 | 100,0 3.937 | 78,0 3.071 | 156,0 6.142 | 74,0 2.913 | 24,0 0.945 | 1 | G6.3 | 3,1 6.830 |
| | HSKA63-SM40-060-L1 | 03301571 | HSK-A63 | 40,0 1.575 | 60,0 2.362 | 89,0 3.504 | 119,0 4.685 | 34,0 1.339 | 27,0 1.063 | 1 | G6.3 | 2,1 4.630 |
| Others | HSKA100-SM16-100-L1 | 03301572 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 38,0 1.496 | 167,0 6.575 | 71,0 2.795 | 17,0 0.669 | 1 | G6.3 | 2,7 5.950 |
| | HSKA100-SM22-050-L1 | 03301576 | HSK-A100 | 22,0 0.866 | 50,0 1.969 | 48,0 1.890 | 119,0 4.685 | 21,0 0.827 | 19,0 0.748 | 1 | G6.3 | 2,4 5.290 |
| | HSKA100-SM22-100-L1 | 03301577 | HSK-A100 | 22,0 0.866 | 100,0 3.937 | 48,0 1.890 | 169,0 6.654 | 71,0 2.795 | 19,0 0.748 | 1 | G6.3 | 3,1 6.830 |
| | HSKA100-SM22-160-L1 | 03301578 | HSK-A100 | 22,0 0.866 | 160,0 6.299 | 48,0 1.890 | 229,0 9.016 | 131,0 5.157 | 19,0 0.748 | 1 | G6.3 | 3,9 8.600 |
| Operating & setting accessories | HSKA100-SM27-050-L1 | 03301583 | HSK-A100 | 27,0 1.063 | 50,0 1.969 | 60,0 2.362 | 121,0 4.764 | 21,0 0.827 | 21,0 0.827 | 1 | G6.3 | 2,6 5.730 |
| | HSKA100-SM27-100-L1 | 03301584 | HSK-A100 | 27,0 1.063 | 100,0 3.937 | 60,0 2.362 | 171,0 6.732 | 71,0 2.795 | 21,0 0.827 | 1 | G6.3 | 3,7 8.160 |
| | HSKA100-SM27-160-L1 | 03301585 | HSK-A100 | 27,0 1.063 | 160,0 6.299 | 60,0 2.362 | 231,0 9.094 | 131,0 5.157 | 21,0 0.827 | 1 | G6.3 | 5,0 11.020 |
| Shrinkfit | HSKA100-SM32-050-L1 | 03301589 | HSK-A100 | 32,0 1.260 | 50,0 1.969 | 78,0 3.071 | 124,0 4.882 | 21,0 0.827 | 24,0 0.945 | 1 | G6.3 | 3,0 6.610 |
| | HSKA100-SM32-100-L1 | 03301590 | HSK-A100 | 32,0 1.260 | 100,0 3.937 | 78,0 3.071 | 174,0 6.850 | 71,0 2.795 | 24,0 0.945 | 1 | G6.3 | 4,8 10.580 |
| | HSKA100-SM32-160-L1 | 03301591 | HSK-A100 | 32,0 1.260 | 160,0 6.299 | 78,0 3.071 | 234,0 9.213 | 131,0 5.157 | 24,0 0.945 | 1 | G6.3 | 7,1 15.650 |

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|---------------------|-------------|----------|---------------|----------------|---------------|----------------|----------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| HSKA100-SM40-060-L1 | 03301595 | HSK-A100 | 40,0 1.575 | 60,0 2.362 | 89,0 3.504 | 137,0 5.394 | 31,0 1.220 | 27,0 1.063 | 1 | G6.3 | 3,7 8.160 |
| HSKA100-SM40-100-L1 | 03301596 | HSK-A100 | 40,0 1.575 | 100,0 3.937 | 89,0 3.504 | 177,5 6.988 | 71,0 2.795 | 27,0 1.063 | 1 | G6.3 | 5,6 12.350 |
| HSKA100-SM40-160-L1 | 03301597 | HSK-A100 | 40,0 1.575 | 160,0 6.299 | 89,0 3.504 | 237,0 9.331 | 131,0 5.157 | 27,0 1.063 | 1 | G6.3 | 8,5 18.740 |
| HSKA125-SM22-100-L1 | 03229672 | HSK-A125 | 22,0 0.866 | 100,0 3.937 | 48,0 1.890 | 182,0 7.165 | 71,0 2.795 | 19,0 0.748 | 1 | PB | 4,4 9.700 |
| HSKA125-SM27-100-L1 | 03229673 | HSK-A125 | 27,0 1.063 | 100,0 3.937 | 60,0 2.362 | 184,0 7.244 | 71,0 2.795 | 21,0 0.827 | 1 | PB | 5,0 11.020 |
| HSKA125-SM32-100-L1 | 03229674 | HSK-A125 | 32,0 1.260 | 100,0 3.937 | 78,0 3.071 | 187,0 7.362 | 71,0 2.795 | 24,0 0.945 | 1 | PB | 6,1 13.450 |
| HSKA125-SM40-100-L1 | 03229675 | HSK-A125 | 40,0 1.575 | 100,0 3.937 | 89,0 3.504 | 190,0 7.480 | 71,0 2.795 | 27,0 1.063 | 1 | PB | 6,1 13.450 |

Accessories

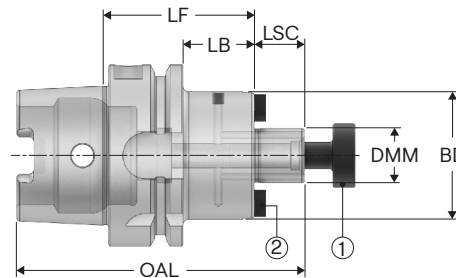
| For | Coolant tube | Spanner |
|---------------------|---|---|
| |  |  |
| A63-A100/ 16/ 0.630 | 20E9304 | 5811608 |
| A63-A100/ 16/ 0.630 | 20E9306 | 5811608 |
| A63-A100/ 22/ 0.866 | 20E9304 | 5812210 |
| A63-A100/ 22/ 0.866 | 20E9306 | 5812210 |
| A63-A100/ 27/ 1.063 | 20E9304 | 5812712 |
| A63-A100/ 27/ 1.063 | 20E9306 | 5812712 |
| A63-A100/ 32/ 1.260 | 20E9304 | 5813216 |
| A63-A100/ 32/ 1.260 | 20E9306 | 5813216 |
| A63-A100/ 40/ 1.575 | 20E9304 | 5814020 |
| A63-A100/ 40/ 1.575 | 20E9306 | 5814020 |
| A125/ 22/ 0.866 | 20E9307 | 5812210 |
| A125/ 27/ 1.063 | 20E9307 | 5812712 |
| A125/ 32/ 1.260 | 20E9307 | 5813216 |
| A125/ 40/ 1.575 | 20E9307 | 5814020 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|---------------------|---|---|---|
| |  |  |  |
| A63-A100/ 16/ 0.630 | 5801608 | 950D0312 | 16C716A |
| A63-A100/ 22/ 0.866 | 5802210 | 950D0416 | 16C722A |
| A63-A100/ 27/ 1.063 | 5802712 | 950D0512 | 16C727A |
| A63-A100/ 32/ 1.260 | 5803216 | 950D0616 | 16C732A |
| A63-A100/ 40/ 1.575 | 5804020 | 950D0616 | 16C740A |
| A125/ 22/ 0.866 | 5802210 | 950D0414 | 16C11012206 |
| A125/ 27/ 1.063 | 5802712 | 950D0516 | 16C11214243 |
| A125/ 32/ 1.260 | 5803216 | 950D0516 | 16C2141421 |
| A125/ 40/ 1.575 | 5804020 | 950D0616 | 16C2161621 |

With through coolant channels – ISO 3937
– Inch

HSK-A/ ISO12164-1-HSK-A


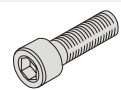



–For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
–For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

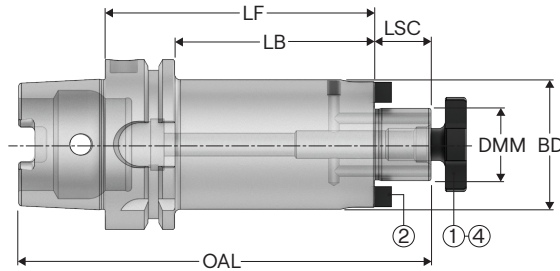
| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|--------------------------|-------------|----------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | | | | | | | | | |
| HSKA63-SM0.750-2.000-L1 | 03301669 | HSK-A63 | 0.750 | 2.000 | 1.750 | 3.948 | 0.976 | 0.688 | 1 | G6.3 | 2.200 |
| HSKA63-SM0.750-3.000-L1 | 03301670 | HSK-A63 | 0.750 | 3.000 | 1.750 | 4.948 | 1.976 | 0.688 | 1 | G6.3 | 2.870 |
| HSKA63-SM1.000-2.370-L1 | 03301671 | HSK-A63 | 1.000 | 2.370 | 2.250 | 4.318 | 1.346 | 0.688 | 1 | G6.3 | 3.090 |
| HSKA63-SM1.250-2.370-L1 | 03301672 | HSK-A63 | 1.250 | 2.370 | 2.750 | 4.318 | 1.346 | 0.688 | 1 | G6.3 | 3.750 |
| HSKA63-SM1.500-2.370-L1 | 03301673 | HSK-A63 | 1.500 | 2.370 | 3.500 | 4.570 | 1.346 | 0.940 | 1 | G6.3 | 4.630 |
| HSKA100-SM0.750-4.000-L1 | 03301674 | HSK-A100 | 0.750 | 4.000 | 1.750 | 6.657 | 2.858 | 0.688 | 1 | G6.3 | 6.390 |
| HSKA100-SM1.000-2.000-L1 | 03301675 | HSK-A100 | 1.000 | 2.000 | 2.250 | 4.657 | 0.858 | 0.688 | 1 | G6.3 | 5.730 |
| HSKA100-SM1.000-4.000-L1 | 03301676 | HSK-A100 | 1.000 | 4.000 | 2.250 | 6.657 | 2.858 | 0.688 | 1 | G6.3 | 7.720 |
| HSKA100-SM1.250-4.000-L1 | 03301677 | HSK-A100 | 1.250 | 4.000 | 2.750 | 6.657 | 2.858 | 0.688 | 1 | G6.3 | 9.480 |
| HSKA100-SM1.500-2.250-L1 | 03301678 | HSK-A100 | 1.500 | 2.250 | 3.500 | 5.158 | 1.108 | 0.940 | 1 | G6.3 | 8.160 |
| HSKA100-SM2.000-4.000-L1 | 03301679 | HSK-A100 | 2.000 | 4.000 | 4.870 | 6.908 | 2.858 | 0.940 | 1 | G6.3 | 17.640 |
| HSKA125-SM0.750-4.000-L1 | 03229702 | HSK-A125 | 0.750 | 4.000 | 1.750 | 7.169 | 2.858 | 0.689 | 1 | PB | 9.920 |
| HSKA125-SM1.000-4.000-L1 | 03229703 | HSK-A125 | 1.000 | 4.000 | 2.250 | 7.169 | 2.858 | 0.689 | 1 | PB | 11.020 |
| HSKA125-SM1.250-4.000-L1 | 03229704 | HSK-A125 | 1.250 | 4.000 | 1.250 | 7.169 | 2.858 | 0.689 | 1 | PB | 12.570 |
| HSKA125-SM1.500-4.000-L1 | 03229705 | HSK-A125 | 1.500 | 4.000 | 3.500 | 7.421 | 2.858 | 0.941 | 1 | PB | 15.650 |
| HSKA125-SM2.000-4.000-L1 | 03229706 | HSK-A125 | 2.000 | 4.000 | 4.874 | 7.421 | 2.858 | 0.941 | 1 | PB | 22.490 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|---------------|--|--|--|
| 0.750 |  58271905 |  950DNC012031 |  16C71905 |
| 0.750 (-A125) | 58211905 | 950D0312 | 16C11905A |
| 1.000 | 58272540 | 950DNC016037 | 16C72540 |
| 1.000 (-A125) | 58212540 | 950D0416 | 16C12540A |
| 1.250 | 58273175 | 950DNC019050 | 16C73175 |
| 1.250 (-A125) | 58213175 | 950D0516 | 16C23175 |
| 1.500 | 58273810 | 950DNC025050 | 16C73810 |
| 1.500 (-A125) | 58213810 | 950D0616 | 16C23810 |
| 2.000 | 58275080 | 950DNC031075 | 16C75080 |
| 2.000 (-A125) | 58215080 | - | 16C25080 |

Small face with through coolant channels – ISO 3937
– Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



–Small workpiece side diameter BD according to ISO 3937, suitable for Seco disc mill cutters Type B
–For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
–For ISO attribute explanation, see page 15


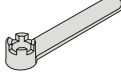
Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw




| Designation | Item number | CTMS | DMM | | LF | | BD | | OAL | | RFID hole | Balancing | Weight |
|-----------------------|-------------|----------|---------------|----------------|---------------|----------------|----------------|---------------|------------|------------|---------------|-----------|--------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| HSKA63-SM22-050-F3L1 | 03301553 | HSK-A63 | 22,0 0.866 | 50,0 1.969 | 40,0 1.575 | 101,0 3.976 | 24,0 0.945 | 19,0 0.748 | 1 | G6.3 | 1,0 2.200 | | |
| HSKA63-SM22-100-F3L1 | 03301554 | HSK-A63 | 22,0 0.866 | 100,0 3.937 | 40,0 1.575 | 151,0 5.945 | 74,0 2.913 | 19,0 0.748 | 1 | G6.3 | 1,5 3.310 | | |
| HSKA63-SM22-160-F3L1 | 03301555 | HSK-A63 | 22,0 0.866 | 160,0 6.299 | 40,0 1.575 | 211,0 8.307 | 134,0 5.276 | 19,0 0.748 | 1 | G6.3 | 2,0 4.410 | | |
| HSKA63-SM27-060-F3L1 | 03301559 | HSK-A63 | 27,0 1.063 | 60,0 2.362 | 48,0 1.890 | 113,0 4.449 | 34,0 1.339 | 21,0 0.827 | 1 | G6.3 | 1,3 2.870 | | |
| HSKA63-SM27-100-F3L1 | 03301560 | HSK-A63 | 27,0 1.063 | 100,0 3.937 | 48,0 1.890 | 153,0 6.024 | 74,0 2.913 | 21,0 0.827 | 1 | G6.3 | 1,8 3.970 | | |
| HSKA63-SM27-160-F3L1 | 03301561 | HSK-A63 | 27,0 1.063 | 160,0 6.299 | 48,0 1.890 | 213,0 8.386 | 134,0 5.276 | 21,0 0.827 | 1 | G6.3 | 2,7 5.950 | | |
| HSKA63-SM32-060-F3L1 | 03301566 | HSK-A63 | 32,0 1.260 | 60,0 2.362 | 58,0 2.283 | 116,0 4.567 | 34,0 1.339 | 24,0 0.945 | 1 | G6.3 | 1,5 3.310 | | |
| HSKA63-SM32-100-F3L1 | 03301567 | HSK-A63 | 32,0 1.260 | 100,0 3.937 | 58,0 2.283 | 156,0 6.142 | 74,0 2.913 | 24,0 0.945 | 1 | G6.3 | 2,3 5.070 | | |
| HSKA63-SM40-060-F3L1 | 03301570 | HSK-A63 | 40,0 1.575 | 60,0 2.362 | 70,0 2.756 | 119,0 4.685 | 34,0 1.339 | 27,0 1.063 | 1 | G6.3 | 1,8 3.970 | | |
| HSKA100-SM22-050-F3L1 | 03301573 | HSK-A100 | 22,0 0.866 | 50,0 1.969 | 40,0 1.575 | 119,0 4.685 | 21,0 0.827 | 19,0 0.748 | 1 | G6.3 | 2,3 5.070 | | |
| HSKA100-SM22-100-F3L1 | 03301574 | HSK-A100 | 22,0 0.866 | 100,0 3.937 | 40,0 1.575 | 169,0 6.654 | 71,0 2.795 | 19,0 0.748 | 1 | G6.3 | 2,8 6.170 | | |
| HSKA100-SM22-160-F3L1 | 03301575 | HSK-A100 | 22,0 0.866 | 160,0 6.299 | 40,0 1.575 | 229,0 9.016 | 131,0 5.157 | 19,0 0.748 | 1 | G6.3 | 3,4 7.500 | | |
| HSKA100-SM27-050-F3L1 | 03301580 | HSK-A100 | 27,0 1.063 | 50,0 1.969 | 48,0 1.890 | 121,0 4.764 | 21,0 0.827 | 21,0 0.827 | 1 | G6.3 | 2,4 5.290 | | |
| HSKA100-SM27-100-F3L1 | 03301581 | HSK-A100 | 27,0 1.063 | 100,0 3.937 | 48,0 1.890 | 171,0 6.732 | 71,0 2.795 | 21,0 0.827 | 1 | G6.3 | 3,3 7.280 | | |
| HSKA100-SM27-160-F3L1 | 03301582 | HSK-A100 | 27,0 1.063 | 160,0 6.299 | 48,0 1.890 | 231,0 9.094 | 131,0 5.157 | 21,0 0.827 | 1 | G6.3 | 3,9 8.600 | | |
| HSKA100-SM32-050-F3L1 | 03301586 | HSK-A100 | 32,0 1.260 | 50,0 1.969 | 58,0 2.283 | 124,0 4.882 | 21,0 0.827 | 24,0 0.945 | 1 | G6.3 | 2,6 5.730 | | |
| HSKA100-SM32-100-F3L1 | 03301587 | HSK-A100 | 32,0 1.260 | 100,0 3.937 | 58,0 2.283 | 174,0 6.850 | 71,0 2.795 | 24,0 0.945 | 1 | G6.3 | 3,6 7.940 | | |
| HSKA100-SM32-160-F3L1 | 03301588 | HSK-A100 | 32,0 1.260 | 160,0 6.299 | 58,0 2.283 | 234,0 9.213 | 131,0 5.157 | 24,0 0.945 | 1 | G6.3 | 4,9 10.800 | | |
| HSKA100-SM40-060-F3L1 | 03301592 | HSK-A100 | 40,0 1.575 | 60,0 2.362 | 70,0 2.756 | 137,0 5.394 | 31,0 1.220 | 27,0 1.063 | 1 | G6.3 | 3,3 7.280 | | |
| HSKA100-SM40-100-F3L1 | 03301593 | HSK-A100 | 40,0 1.575 | 100,0 3.937 | 70,0 2.756 | 177,0 6.969 | 71,0 2.795 | 27,0 1.063 | 1 | G6.3 | 4,4 9.700 | | |
| HSKA100-SM40-160-F3L1 | 03301594 | HSK-A100 | 40,0 1.575 | 160,0 6.299 | 70,0 2.756 | 237,0 9.331 | 131,0 5.157 | 27,0 1.063 | 1 | G6.3 | 6,2 13.670 | | |

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Accessories

| Guide | For | Coolant tube | Spanner |
|-------|-----------|---|---|
| | |  |  |
| HSK-A | 22/ 0.866 | 20E9304 | 5812210 |
| | 22/ 0.866 | 20E9306 | 5812210 |
| | 27/ 1.063 | 20E9304 | 5812712 |
| | 27/ 1.063 | 20E9306 | 5812712 |
| HSK-E | 32/ 1.260 | 20E9304 | 5813216 |
| | 32/ 1.260 | 20E9306 | 5813216 |
| | 40/ 1.575 | 20E9304 | 5814020 |
| | 40/ 1.575 | 20E9306 | 5814020 |

Spare Parts, included in delivery

| DIN | For | Bolt | Screw | Tenon |
|--------|-----------|---|---|---|
| | |  |  |  |
| BT JIS | 22/ 0.866 | 5802210 | 950D0410 | 16C722 |
| | 27/ 1.063 | 5802712 | 950D0512 | 16C727 |
| | 32/ 1.260 | 5803216 | 950D0616 | 16C732 |
| | 40/ 1.575 | 5804020 | 950D0616 | 16C740 |

CAT

Combimaster

Graflex

Seco Capto™

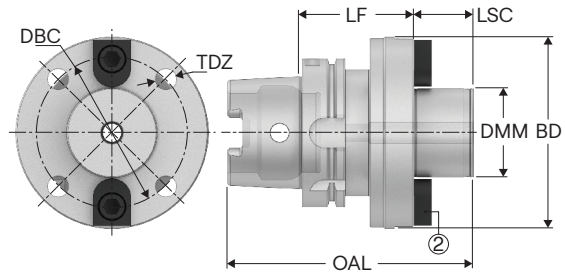
Others

Operating & setting accessories

Shrinkfit

Flange mounting – DIN 6357/ DIN 2079
– Metric/ Inch

HSK-A/ ISO12164-1-HSK-A




–For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
–For ISO attribute explanation, see page 15

Spare parts:
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LSC | DBC | TDZ | RFID hole | Balan- cing | Weight |
|-------------------|-------------|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|----------------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| HSKA100-SMF60-075 | 03301598 | HSK-A100 | 60,0 2.362 | 75,0 2.953 | 129,0 5.079 | 165,0 6.496 | 40,0 1.575 | 101,6 4.000 | M16x2 | 1 | G6.3 | 6,5 14.330 |
| HSKA125-SMF60-085 | 03229644 | HSK-A125 | 60,0 2.362 | 85,0 3.346 | 129,0 5.079 | 188,0 7.402 | 40,0 1.575 | 101,6 4.000 | M16x2 | 1 | PB | 9,2 20.280 |

Spare Parts, included in delivery

| For | Screw | Tenon |
|-------------------|--|--|
| HSKA100-SMF60-075 |  950D1225 |  16C35060 |
| HSKA125-SMF60-085 | 950D1225 | 16C35060 |

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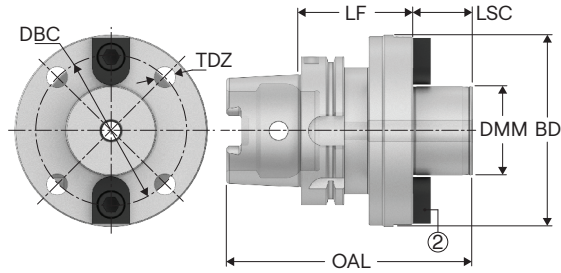
Others

Operating & setting accessories

Shrinkfit

Flange mounting – DIN 6357/ DIN 2079
– Inch

HSK-A/ ISO12164-1-HSK-A



–For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
–For ISO attribute explanation, see page 15

Spare parts:
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LSC | DBC | TDZ | RFID hole | Balancing | Weight |
|------------------------|-------------|----------|-------|-------|-------|-------|-------|-------|----------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | | lbs |
| HSKA125-SMF2.500-3.500 | 03229685 | HSK-A125 | 2.500 | 3.500 | 4.874 | 7.122 | 1.142 | 4.000 | 5/8" UNC | 1 | PB | 20.280 |

Spare Parts, included in delivery

| For | Screw | Tenon |
|------------------------|--|--|
| HSKA125-SMF2.500-3.500 |  950D1225 |  16C35060 |

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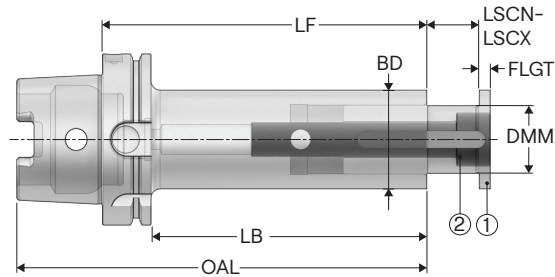
Seco Capto™

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- Metric/ Inch

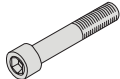



- Best suited for Seco disc mill cutters Type A
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

Spare parts:
1 = Slide rod
2 = Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | FLGT | LSCN | LSCX | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|---------------|-----------------|----------------|--------------|------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| E930456572290 | 02602714 | HSK-A63 | 22,0 0.866 | 90,0 3.543 | 35,0 1.378 | 122,0 4.803 | 64,0 2.520 | 4,0 0.157 | 0,0 0.0 | 12,0 0.472 | 1 | PB | 1,2 2.650 |
| E9304565727120 | 02602715 | HSK-A63 | 27,0 1.063 | 120,0 4.724 | 42,0 1.654 | 152,0 5.984 | 94,0 3.701 | 5,0 0.197 | 0,0 0.0 | 15,0 0.591 | 1 | PB | 1,7 3.750 |
| E9306565740190 | 02602720 | HSK-A100 | 40,0 1.575 | 190,0 7.480 | 58,0 2.283 | 240,0 9.449 | 161,0 6.339 | 7,0 0.276 | 0,0 0.0 | 30,0 1.181 | 1 | PB | 5,3 11.680 |
| E9306565750235 | 02602721 | HSK-A100 | 50,0 1.969 | 235,0 9.252 | 72,0 2.835 | 285,0 11.220 | 206,0 8.110 | 8,0 0.315 | 0,0 0.0 | 32,0 1.260 | 1 | PB | 8,5 18.740 |

Spare Parts, included in delivery

| For | Screw | Slide rod |
|----------------|---|--|
| E930456572290 |  19C565722 |  565722 |
| E9304565727120 | 19C565727 | 565727 |
| E9306565740190 | 19C565740 | 565740 |
| E9306565750235 | 19C565750 | 565750 |

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DIN 1835 Form B/ DIN 6535 Form HB
- Metric/ Inch

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Graffex

Seco Capto™

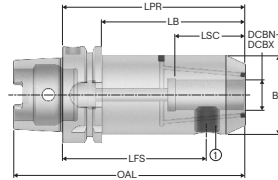
Others

Operating & setting accessories

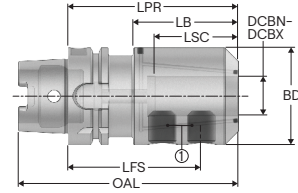
Shrinkfit



Design 1



Design 2





-Weldon ØDCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
-With 2 coolant channels for front lubrication which can be sealed with included screws
-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|---------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|--------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| HSKA63-EM06-065-L1 | 03301689 | HSK-A63 | 6,0 0.236 | 65,0 2.559 | 39,0 1.535 | 35,0 1.378 | 25,0 0.984 | 97,0 3.819 | 47,0 1.850 | 1 | 1 | G6.3 | 0,8 1.760 |
| HSKA63-EM06-120-L1 | 10325527 | HSK-A63 | 6,0 0.236 | 120,0 4.724 | 94,0 3.701 | 35,4 1.394 | 25,0 0.984 | 152,0 5.984 | 102,0 4.016 | 1 | 1 | G6.3 | 1,0 2.200 |
| HSKA63-EM08-065-L1 | 03301690 | HSK-A63 | 8,0 0.315 | 65,0 2.559 | 39,0 1.535 | 32,0 1.260 | 28,0 1.102 | 97,0 3.819 | 47,0 1.850 | 1 | 1 | G6.3 | 0,8 1.760 |
| HSKA63-EM08-120-L1 | 03301691 | HSK-A63 | 8,0 0.315 | 120,0 4.724 | 94,0 3.701 | 32,0 1.260 | 28,0 1.102 | 152,0 5.984 | 102,0 4.016 | 1 | 1 | G6.3 | 1,1 2.430 |
| HSKA63-EM10-065-L1 | 03301692 | HSK-A63 | 10,0 0.394 | 65,0 2.559 | 39,0 1.535 | 36,0 1.417 | 35,0 1.378 | 97,0 3.819 | 45,0 1.772 | 1 | 1 | G6.3 | 0,9 1.980 |
| HSKA63-EM10-120-L1 | 03301693 | HSK-A63 | 10,0 0.394 | 120,0 4.724 | 94,0 3.701 | 36,0 1.417 | 35,0 1.378 | 152,0 5.984 | 100,0 3.937 | 1 | 1 | G6.3 | 1,3 2.870 |
| HSKA63-EM12-080-L1 | 03301694 | HSK-A63 | 12,0 0.472 | 80,0 3.150 | 54,0 2.126 | 41,0 1.614 | 42,0 1.654 | 112,0 4.409 | 57,5 2.264 | 1 | 1 | G6.3 | 1,2 2.650 |
| HSKA63-EM12-120-L1 | 03301695 | HSK-A63 | 12,0 0.472 | 120,0 4.724 | 94,0 3.701 | 41,0 1.614 | 42,0 1.654 | 152,0 5.984 | 97,5 3.839 | 1 | 1 | G6.3 | 1,6 3.530 |
| HSKA63-EM14-080-L1 | 03301696 | HSK-A63 | 14,0 0.551 | 80,0 3.150 | 54,0 2.126 | 41,0 1.614 | 44,0 1.732 | 112,0 4.409 | 57,5 2.264 | 1 | 1 | G6.3 | 1,2 2.650 |
| HSKA63-EM16-080-L1 | 03301697 | HSK-A63 | 16,0 0.630 | 80,0 3.150 | 54,0 2.126 | 44,0 1.732 | 48,0 1.890 | 112,0 4.409 | 56,0 2.205 | 1 | 1 | G6.3 | 1,3 2.870 |
| HSKA63-EM16-120-L1 | 03301698 | HSK-A63 | 16,0 0.630 | 120,0 4.724 | 94,0 3.701 | 44,0 1.732 | 48,0 1.890 | 152,0 5.984 | 96,0 3.780 | 1 | 1 | G6.3 | 1,9 4.190 |
| HSKA63-EM18-080-L1 | 03301699 | HSK-A63 | 18,0 0.709 | 80,0 3.150 | 54,0 2.126 | 44,0 1.732 | 50,0 1.969 | 112,0 4.409 | 56,0 2.205 | 1 | 1 | G6.3 | 1,4 3.090 |
| HSKA63-EM20-080-L1 | 03301700 | HSK-A63 | 20,0 0.787 | 80,0 3.150 | 54,0 2.126 | 46,0 1.811 | 52,0 2.047 | 112,0 4.409 | 55,0 2.165 | 1 | 1 | G6.3 | 1,4 3.090 |
| HSKA63-EM20-120-L1 | 03301701 | HSK-A63 | 20,0 0.787 | 120,0 4.724 | 94,0 3.701 | 46,0 1.811 | 52,0 2.047 | 152,0 5.984 | 95,0 3.740 | 1 | 1 | G6.3 | 2,1 4.630 |
| HSKA63-EM25-110-L1 | 03301702 | HSK-A63 | 25,0 0.984 | 110,0 4.331 | 68,0 2.677 | 54,0 2.126 | 63,0 2.480 | 142,0 5.591 | 86,0 3.386 | 2 | 1 | G6.3 | 2,3 5.070 |
| HSKA63-EM25-160-L1 | 10325528 | HSK-A63 | 25,0 0.984 | 160,0 6.299 | 134,0 5.276 | 54,0 2.126 | 63,0 2.480 | 192,0 7.559 | 136,0 5.354 | 2 | 1 | G6.3 | 3,5 7.720 |
| HSKA63-EM32-110-L1 | 10007275 | HSK-A63 | 32,0 1.260 | 110,0 4.331 | 84,0 3.307 | 58,0 2.283 | 72,0 2.835 | 142,0 5.591 | 86,0 3.386 | 2 | 1 | G6.3 | 2,6 5.730 |
| HSKA63-EM32-160-L1 | 10325529 | HSK-A63 | 32,0 1.260 | 160,0 6.299 | 134,0 5.276 | 58,0 2.283 | 72,0 2.835 | 192,0 7.559 | 136,0 5.354 | 2 | 1 | G6.3 | 4,2 9.260 |
| HSKA100-EM06-080-L1 | 03301703 | HSK-A100 | 6,0 0.236 | 80,0 3.150 | 51,0 2.008 | 35,0 1.378 | 25,0 0.984 | 130,0 5.118 | 62,0 2.441 | 1 | 1 | G6.3 | 2,2 4.850 |
| HSKA100-EM08-080-L1 | 03301704 | HSK-A100 | 8,0 0.315 | 80,0 3.150 | 51,0 2.008 | 35,0 1.378 | 28,0 1.102 | 130,0 5.118 | 62,0 2.441 | 1 | 1 | G6.3 | 2,2 4.850 |
| HSKA100-EM10-080-L1 | 03301705 | HSK-A100 | 10,0 0.394 | 80,0 3.150 | 51,0 2.008 | 35,0 1.378 | 35,0 1.378 | 130,0 5.118 | 60,0 2.362 | 1 | 1 | G6.3 | 2,4 5.290 |
| HSKA100-EM12-080-L1 | 03301706 | HSK-A100 | 12,0 0.472 | 80,0 3.150 | 51,0 2.008 | 41,0 1.614 | 42,0 1.654 | 130,0 5.118 | 57,5 2.264 | 1 | 1 | G6.3 | 2,5 5.510 |

| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|---------------------|-------------|----------|---------------|----------------|----------------|---------------|----------------|----------------|----------------|-----|--------|-----------|---------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | |
| HSKA100-EM14-080-L1 | 03301707 | HSK-A100 | 14,0 0.551 | 80,0 3.150 | 51,0 2.008 | 41,0 1.614 | 44,0 1.732 | 130,0 5.118 | 57,5 2.264 | 1 | 1 | G6.3 | 2,5 5.510 | |
| HSKA100-EM16-100-L1 | 03301708 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 71,0 2.795 | 44,0 1.732 | 48,0 1.890 | 150,0 5.906 | 76,0 2.992 | 1 | 1 | G6.3 | 2,9 6.390 | |
| HSKA100-EM16-160-L1 | 03301709 | HSK-A100 | 16,0 0.630 | 160,0 6.299 | 131,0 5.157 | 44,0 1.732 | 48,0 1.890 | 210,0 8.268 | 136,0 5.354 | 1 | 1 | G6.3 | 3,7 8.160 | |
| HSKA100-EM20-100-L1 | 03301710 | HSK-A100 | 20,0 0.787 | 100,0 3.937 | 71,0 2.795 | 46,0 1.811 | 52,0 2.047 | 150,0 5.906 | 75,0 2.953 | 1 | 1 | G6.3 | 3,0 6.610 | |
| HSKA100-EM20-160-L1 | 03301711 | HSK-A100 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 46,0 1.811 | 52,0 2.047 | 210,0 8.268 | 135,0 5.315 | 1 | 1 | G6.3 | 4,0 8.820 | |
| HSKA100-EM25-100-L1 | 03301712 | HSK-A100 | 25,0 0.984 | 100,0 3.937 | 71,0 2.795 | 54,0 2.126 | 65,0 2.559 | 150,0 5.906 | 76,0 2.992 | 2 | 1 | G6.3 | 3,5 7.720 | |
| HSKA100-EM25-160-L1 | 03301713 | HSK-A100 | 25,0 0.984 | 160,0 6.299 | 131,0 5.157 | 54,0 2.126 | 65,0 2.559 | 210,0 8.268 | 136,0 5.354 | 2 | 1 | G6.3 | 5,0 11.020 | |
| HSKA100-EM32-100-L1 | 10007273 | HSK-A100 | 32,0 1.260 | 100,0 3.937 | 71,0 2.795 | 58,0 2.283 | 72,0 2.835 | 150,0 5.906 | 76,0 2.992 | 2 | 1 | G6.3 | 3,8 8.380 | |
| HSKA100-EM32-160-L1 | 10007274 | HSK-A100 | 32,0 1.260 | 160,0 6.299 | 131,0 5.157 | 58,0 2.283 | 72,0 2.835 | 210,0 8.268 | 136,0 5.354 | 2 | 1 | G6.3 | 5,7 12.570 | |
| HSKA100-EM40-120-L1 | 03301714 | HSK-A100 | 40,0 1.575 | 120,0 4.724 | 91,0 3.583 | 68,0 2.677 | 80,0 3.150 | 170,0 6.693 | 90,0 3.543 | 2 | 1 | G6.3 | 4,7 10.360 | |
| HSKA100-EM50-130-L1 | 03301715 | HSK-A100 | 50,0 1.969 | 130,0 5.118 | 101,0 3.976 | 78,0 3.071 | 100,0 3.937 | 180,0 7.087 | 95,0 3.740 | 2 | 1 | G6.3 | 6,3 13.890 | |

Spare Parts, included in delivery

| For | Coolant screw | Locking screw |
|-------------------------|---|---|
| |  |  |
| 6 / 0.236 | 950A0304 | 951C0610 |
| 6 / 0.236 | 950A0304 | 951C0610 |
| 8 / 0.315 | 950A0304 | 951C0810 |
| 10 / 0.394 | 950A0304 | 951C1012 |
| 12 / 0.472 | 950A0304 | 951C1216 |
| 14 / 0.551 | 950A0304 | 951C1214 |
| 16 / 0.630 - 18 / 0.709 | 950A0304 | 951C1416 |
| 20 / 0.787 | 950A0304 | 951C1616 |
| 25 / 0.984 | 950A0304 | 951C1820 |
| 25 / 0.984 | 950A0304 | 951C1820 |
| 32 / 1.260 - 40 / 1.575 | 950A0304 | 951C2020 |
| 32 / 1.260 - 40 / 1.575 | 950A0304 | 951C2020 |
| 50 / 1.969 | 950A0304 | 951C2425 |

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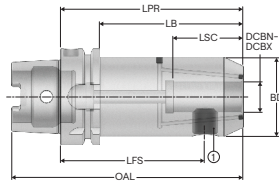
Others

Operating & setting accessories

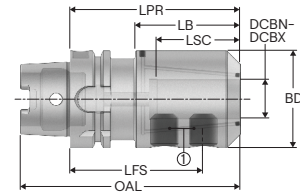
Shrinkfit



Design 1



Design 2



-With 2 coolant channels for front lubrication which can be sealed with included screws
-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|--------------------------|-------------|----------|-----------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| HSKA63-EM0.375-2.750-L1 | 03301734 | HSK-A63 | 0.375 | 2.750 | 1.726 | 1.500 | 1.000 | 4.010 | 2.000 | 1 | 1 | G6.3 | 1.760 |
| HSKA63-EM0.500-3.250-L1 | 03301735 | HSK-A63 | 0.500 | 3.250 | 2.226 | 1.620 | 1.250 | 4.510 | 2.380 | 1 | 1 | G6.3 | 2.200 |
| HSKA63-EM0.625-3.250-L1 | 03301736 | HSK-A63 | 0.625 | 3.250 | 2.226 | 1.870 | 1.500 | 4.510 | 2.340 | 1 | 1 | G6.3 | 2.430 |
| HSKA63-EM0.750-3.370-L1 | 03301737 | HSK-A63 | 0.750 | 3.370 | 2.346 | 2.000 | 1.750 | 4.630 | 2.370 | 1 | 1 | G6.3 | 2.650 |
| HSKA63-EM1.000-4.500-L1 | 03301738 | HSK-A63 | 1.000 | 4.500 | 3.476 | 2.250 | 2.000 | 5.760 | 3.380 | 2 | 1 | G6.3 | 3.750 |
| HSKA63-EM1.250-4.500-L1 | 03301739 | HSK-A63 | 1.250 | 4.500 | 3.476 | 2.250 | 2.500 | 5.760 | 3.380 | 2 | 1 | G6.3 | 4.850 |
| HSKA100-EM0.500-6.000-L1 | 03301740 | HSK-A100 | 0.500 | 6.000 | 4.858 | 1.620 | 1.250 | 7.969 | 5.130 | 1 | 1 | G6.3 | 6.170 |
| HSKA100-EM0.625-6.000-L1 | 03301741 | HSK-A100 | 0.625 | 6.000 | 4.858 | 1.870 | 1.500 | 7.969 | 5.090 | 1 | 1 | G6.3 | 6.610 |
| HSKA100-EM0.750-4.000-L1 | 03301742 | HSK-A100 | 0.750 | 4.000 | 2.858 | 2.000 | 1.750 | 5.969 | 3.000 | 1 | 1 | G6.3 | 6.170 |
| HSKA100-EM1.000-4.000-L1 | 03301744 | HSK-A100 | 1.000 | 4.000 | 2.858 | 2.250 | 2.000 | 5.969 | 2.880 | 2 | 1 | G6.3 | 6.170 |
| HSKA100-EM1.250-4.000-L1 | 03301745 | HSK-A100 | 1.250 | 4.000 | 2.858 | 2.250 | 2.500 | 5.969 | 2.880 | 2 | 1 | G6.3 | 7.280 |
| HSKA100-EM1.500-5.000-L1 | 03301746 | HSK-A100 | 1.500 | 5.000 | 3.858 | 2.620 | 2.750 | 6.969 | 3.880 | 2 | 1 | G6.3 | 9.260 |

Spare Parts, included in delivery

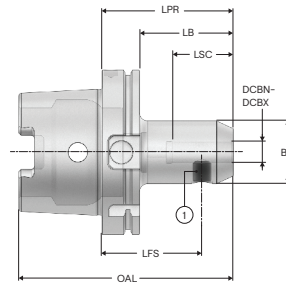
| For | Coolant screw | Locking screw |
|-------------|--|---------------|
| 0.375 |  950A0304 | 951CNF037031 |
| 0.500 | 950A0304 | 951CNF043037 |
| 0.625 | 950A0304 | 951CNF056050 |
| 0.750-0.875 | 950A0304 | 951CNF062050 |
| 1.000-1.500 | 950A0304 | 951CNF075068 |

DIN 1835 Form B/ DIN 6535 Form HB
- Metric/ Inch

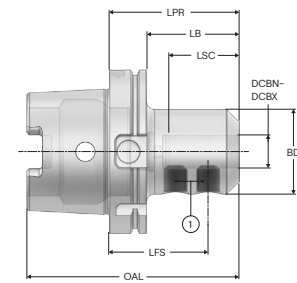
HSK-A/ ISO12164-1-HSK-A



Design 1



Design 2



-Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)

-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370

-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|------------------|-------------|----------|---------------|----------------|----------------|---------------|----------------|----------------|----------------|--------|-----------|-----------|---------------|
| | | | | | | | | | | | | | |
| HSKA125-EM16-100 | 03229629 | HSK-A125 | 16,0 0.630 | 100,0 3.937 | 71,0 2.795 | 46,0 1.811 | 48,0 1.890 | 163,0 6.417 | 76,0 2.992 | 1 | 1 | PB | 4,2 9.260 |
| HSKA125-EM20-100 | 03229630 | HSK-A125 | 20,0 0.787 | 100,0 3.937 | 71,0 2.795 | 48,0 1.890 | 52,0 2.047 | 163,0 6.417 | 75,0 2.953 | 1 | 1 | PB | 4,5 9.920 |
| HSKA125-EM20-160 | 03229631 | HSK-A125 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 48,0 1.890 | 52,0 2.047 | 223,0 8.780 | 135,0 5.315 | 1 | 1 | PB | 5,5 12.130 |
| HSKA125-EM25-100 | 03229632 | HSK-A125 | 25,0 0.984 | 100,0 3.937 | 71,0 2.795 | 54,0 2.126 | 65,0 2.559 | 163,0 6.417 | 76,0 2.992 | 2 | 1 | PB | 4,8 10.580 |
| HSKA125-EM25-160 | 03229633 | HSK-A125 | 25,0 0.984 | 160,0 6.299 | 131,0 5.157 | 54,0 2.126 | 65,0 2.559 | 223,0 8.780 | 136,0 5.354 | 2 | 1 | PB | 6,4 14.110 |
| HSKA125-EM32-100 | 03229634 | HSK-A125 | 32,0 1.260 | 100,0 3.937 | 71,0 2.795 | 58,0 2.283 | 72,0 2.835 | 163,0 6.417 | 76,0 2.992 | 2 | 1 | PB | 5,1 11.240 |
| HSKA125-EM32-160 | 03229635 | HSK-A125 | 32,0 1.260 | 160,0 6.299 | 131,0 5.157 | 58,0 2.283 | 72,0 2.835 | 223,0 8.780 | 136,0 5.354 | 2 | 1 | PB | 7,1 15.650 |
| HSKA125-EM40-120 | 03229636 | HSK-A125 | 40,0 1.575 | 120,0 4.724 | 91,0 3.583 | 68,0 2.677 | 80,0 3.150 | 183,0 7.205 | 90,0 3.543 | 2 | 1 | PB | 6,0 13.230 |
| HSKA125-EM50-120 | 03229637 | HSK-A125 | 50,0 1.969 | 120,0 4.724 | 91,0 3.583 | 78,0 3.071 | 100,0 3.937 | 183,0 7.205 | 85,0 3.346 | 2 | 1 | PB | 7,3 16.090 |

Spare Parts, included in delivery

| For | Locking screw |
|---------------------|---------------|
| 16/ 0.630 | 951C1416 |
| 20/ 0.787 | 951C1616 |
| 25/ 0.984 | 951C1820 |
| 32/ 1.260-40/ 1.575 | 951C2020 |
| 50/ 1.969 | 951C2425 |



DIN 1835 Form B/ DIN 6535 Form HB
- Inch

Guide

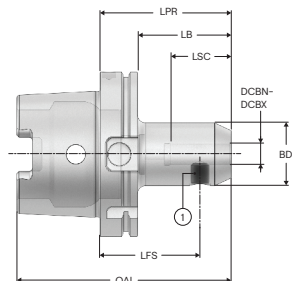
HSK-A

HSK-E

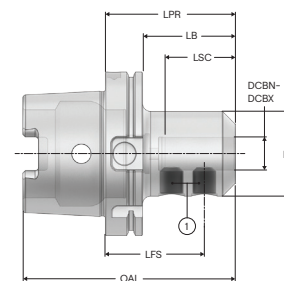
DIN



Design 1



Design 2



-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

BT JIS

CAT

Combimaster

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|-----------------------|-------------|----------|-----------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| HSKA125-EM0.500-3.500 | 03229676 | HSK-A125 | 0.500 | 3.500 | 2.358 | 1.614 | 1.614 | 5.980 | 2.630 | 1 | 1 | PB | 8.380 |
| HSKA125-EM0.625-3.750 | 03229677 | HSK-A125 | 0.625 | 3.750 | 2.608 | 1.870 | 1.870 | 6.230 | 2.840 | 1 | 1 | PB | 9.040 |
| HSKA125-EM0.750-3.750 | 03229678 | HSK-A125 | 0.750 | 3.750 | 2.608 | 2.008 | 2.000 | 6.230 | 2.750 | 1 | 1 | PB | 9.260 |
| HSKA125-EM0.750-6.000 | 03229679 | HSK-A125 | 0.750 | 6.000 | 4.858 | 2.008 | 2.000 | 8.480 | 5.000 | 1 | 1 | PB | 11.020 |
| HSKA125-EM1.000-4.250 | 03229680 | HSK-A125 | 1.000 | 4.250 | 3.108 | 2.244 | 2.500 | 6.730 | 3.130 | 2 | 1 | PB | 10.360 |
| HSKA125-EM1.000-6.000 | 03229681 | HSK-A125 | 1.000 | 6.000 | 4.858 | 2.244 | 2.500 | 8.480 | 4.880 | 2 | 1 | PB | 13.010 |
| HSKA125-EM1.250-4.250 | 03229682 | HSK-A125 | 1.250 | 4.250 | 3.108 | 2.244 | 2.748 | 6.730 | 3.130 | 2 | 1 | PB | 11.460 |
| HSKA125-EM1.500-4.500 | 03229683 | HSK-A125 | 1.500 | 4.500 | 3.358 | 2.618 | 3.500 | 6.980 | 3.000 | 2 | 1 | PB | 14.330 |
| HSKA125-EM2.000-5.250 | 03229684 | HSK-A125 | 2.000 | 5.250 | 4.108 | 3.110 | 4.000 | 7.730 | 3.840 | 2 | 1 | PB | 18.300 |

Spare Parts, included in delivery

Graflex

Seco Capto™

Others

Operating & setting accessories

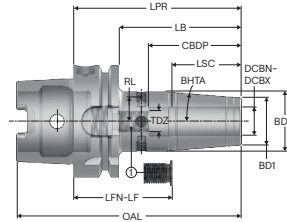
Shrinkfit

| For | Locking screw |
|-------|---------------|
| 0.500 | 951CNC043037 |
| 0.625 | 951CNC056050 |
| 0.750 | 951CNC062050 |
| 1.000 | 951CNC075068 |
| 1.250 | 951CNC075068 |
| 2.000 | 951CNC062050 |



DIN type
- Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBK | | LPR | LB | CDBP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight | | | | | | | | | | | | |
|----------------|-------------|---------|-----------|-------|-------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|-----------|-----------|--------|-------|-------|-------|-------|------|-------|--------|-----|---|------|------|-------|
| | | | mm | inch | | | | | | | | | | | | | | | | mm | inch | | | | | | | | | | |
| E930256030680 | 02752844 | HSK-A40 | 6,0 | 0.236 | 80,0 | 3.150 | 60,0 | 2.362 | 37,5 | 1.476 | 22,0 | 0.866 | 21,0 | 0.827 | 27,0 | 1.063 | 100,0 | 3.937 | 1.732 | 44,0 | 1.732 | 54,0 | 2.126 | 10,5 | 0.413 | M5x0.8 | 4,5 | 0 | G2.5 | 0,5 | 1.100 |
| E930256030880 | 02752847 | HSK-A40 | 8,0 | 0.315 | 80,0 | 3.150 | 60,0 | 2.362 | 37,5 | 1.476 | 26,0 | 1.024 | 21,0 | 0.827 | 27,0 | 1.063 | 100,0 | 3.937 | 1.732 | 44,0 | 1.732 | 54,0 | 2.126 | 10,5 | 0.413 | M6x1 | 4,5 | 0 | G2.5 | 0,5 | 1.100 |
| E930256031080 | 02752848 | HSK-A40 | 10,0 | 0.394 | 80,0 | 3.150 | 60,0 | 2.362 | 42,5 | 1.673 | 31,0 | 1.220 | 24,0 | 0.945 | 32,0 | 1.260 | 100,0 | 3.937 | 1.535 | 39,0 | 1.535 | 49,0 | 1.929 | 13,0 | 0.512 | M8x1 | 4,5 | 0 | G2.5 | 0,5 | 1.100 |
| E930256031290 | 02752849 | HSK-A40 | 12,0 | 0.472 | 90,0 | 3.543 | 70,0 | 2.756 | 47,5 | 1.870 | 34,0 | 1.339 | 24,0 | 0.945 | 32,0 | 1.260 | 110,0 | 4.331 | 1.732 | 44,0 | 1.732 | 54,0 | 2.126 | 13,0 | 0.512 | M10x1 | 4,5 | 0 | G2.5 | 0,49 | 1.080 |
| E930256031690 | 02752850 | HSK-A40 | 16,0 | 0.630 | 90,0 | 3.543 | 70,0 | 2.756 | 50,5 | 1.988 | 39,0 | 1.535 | 27,0 | 1.063 | 34,0 | 1.339 | 110,0 | 4.331 | 1.614 | 41,0 | 1.614 | 51,0 | 2.008 | 14,0 | 0.551 | M12x1 | 4,5 | 0 | G2.5 | 0,6 | 1.320 |
| E930454030680 | 03098277 | HSK-A63 | 6,0 | 0.236 | 80,0 | 3.150 | 54,0 | 2.126 | 37,5 | 1.476 | 22,0 | 0.866 | 21,0 | 0.827 | 27,0 | 1.063 | 112,0 | 4.409 | 1.732 | 44,0 | 1.732 | 54,0 | 2.126 | 10,5 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 0,9 | 1.980 |
| E9304540306120 | 03098278 | HSK-A63 | 6,0 | 0.236 | 120,0 | 4.724 | 94,0 | 3.701 | 37,5 | 1.476 | 22,0 | 0.866 | 21,0 | 0.827 | 27,0 | 1.063 | 152,0 | 5.984 | 3.307 | 84,0 | 3.307 | 94,0 | 3.701 | 10,5 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| E9304540306160 | 03098279 | HSK-A63 | 6,0 | 0.236 | 160,0 | 6.299 | 134,0 | 5.276 | 37,5 | 1.476 | 22,0 | 0.866 | 21,0 | 0.827 | 27,0 | 1.063 | 192,0 | 7.559 | 4.882 | 124,0 | 4.882 | 134,0 | 5.276 | 10,5 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| E930454030880 | 03098280 | HSK-A63 | 8,0 | 0.315 | 80,0 | 3.150 | 54,0 | 2.126 | 38,0 | 1.496 | 26,0 | 1.024 | 21,0 | 0.827 | 27,0 | 1.063 | 112,0 | 4.409 | 1.713 | 43,5 | 1.713 | 54,0 | 2.126 | 10,5 | 0.413 | M6x1 | 4,5 | 1 | G2.5 | 0,9 | 1.980 |
| E9304540308120 | 03098281 | HSK-A63 | 8,0 | 0.315 | 120,0 | 4.724 | 94,0 | 3.701 | 38,0 | 1.496 | 26,0 | 1.024 | 21,0 | 0.827 | 27,0 | 1.063 | 152,0 | 5.984 | 3.287 | 83,5 | 3.287 | 94,0 | 3.701 | 10,5 | 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| E9304540308160 | 03098282 | HSK-A63 | 8,0 | 0.315 | 160,0 | 6.299 | 134,0 | 5.276 | 38,0 | 1.496 | 26,0 | 1.024 | 21,0 | 0.827 | 27,0 | 1.063 | 192,0 | 7.559 | 4.862 | 123,5 | 4.862 | 134,0 | 5.276 | 10,5 | 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| E930454031085 | 03098283 | HSK-A63 | 10,0 | 0.394 | 85,0 | 3.346 | 59,0 | 2.323 | 43,5 | 1.713 | 31,0 | 1.220 | 24,0 | 0.945 | 32,0 | 1.260 | 117,0 | 4.606 | 1.693 | 43,0 | 1.693 | 54,0 | 2.126 | 13,0 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 0,9 | 1.980 |
| E9304540310120 | 03098284 | HSK-A63 | 10,0 | 0.394 | 120,0 | 4.724 | 94,0 | 3.701 | 43,5 | 1.713 | 31,0 | 1.220 | 24,0 | 0.945 | 32,0 | 1.260 | 152,0 | 5.984 | 3.071 | 78,0 | 3.071 | 89,0 | 3.504 | 13,0 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,1 | 2.430 |
| E9304540310160 | 03098285 | HSK-A63 | 10,0 | 0.394 | 160,0 | 6.299 | 134,0 | 5.276 | 43,5 | 1.713 | 31,0 | 1.220 | 24,0 | 0.945 | 32,0 | 1.260 | 192,0 | 7.559 | 4.646 | 118,0 | 4.646 | 129,0 | 5.079 | 13,0 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,4 | 3.090 |
| E930454031290 | 03098286 | HSK-A63 | 12,0 | 0.472 | 90,0 | 3.543 | 64,0 | 2.520 | 48,0 | 1.890 | 34,0 | 1.339 | 24,0 | 0.945 | 32,0 | 1.260 | 122,0 | 4.803 | 1.713 | 43,5 | 1.713 | 54,0 | 2.126 | 13,0 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| E9304540312120 | 03098287 | HSK-A63 | 12,0 | 0.472 | 120,0 | 4.724 | 94,0 | 3.701 | 48,0 | 1.890 | 34,0 | 1.339 | 24,0 | 0.945 | 32,0 | 1.260 | 152,0 | 5.984 | 2.894 | 73,5 | 2.894 | 84,0 | 3.307 | 13,0 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,1 | 2.430 |
| E9304540312160 | 03098288 | HSK-A63 | 12,0 | 0.472 | 160,0 | 6.299 | 134,0 | 5.276 | 48,0 | 1.890 | 34,0 | 1.339 | 24,0 | 0.945 | 32,0 | 1.260 | 192,0 | 7.559 | 4.469 | 113,5 | 4.469 | 124,0 | 4.882 | 13,0 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,4 | 3.090 |
| E930454031490 | 03098289 | HSK-A63 | 14,0 | 0.551 | 90,0 | 3.543 | 64,0 | 2.520 | 49,0 | 1.929 | 34,0 | 1.339 | 27,0 | 1.063 | 34,0 | 1.339 | 122,0 | 4.803 | 1.673 | 42,5 | 1.673 | 54,0 | 2.126 | 14,0 | 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| E9304540314120 | 03098290 | HSK-A63 | 14,0 | 0.551 | 120,0 | 4.724 | 94,0 | 3.701 | 49,0 | 1.929 | 34,0 | 1.339 | 27,0 | 1.063 | 34,0 | 1.339 | 152,0 | 5.984 | 2.854 | 72,5 | 2.854 | 84,0 | 3.307 | 14,0 | 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| E930454031695 | 03098291 | HSK-A63 | 16,0 | 0.630 | 95,0 | 3.740 | 69,0 | 2.717 | 52,5 | 2.067 | 39,0 | 1.535 | 27,0 | 1.063 | 34,0 | 1.339 | 127,0 | 5.000 | 1.772 | 45,0 | 1.772 | 56,0 | 2.205 | 14,0 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| E9304540316120 | 03098292 | HSK-A63 | 16,0 | 0.630 | 120,0 | 4.724 | 94,0 | 3.701 | 52,5 | 2.067 | 39,0 | 1.535 | 27,0 | 1.063 | 34,0 | 1.339 | 152,0 | 5.984 | 2.717 | 69,0 | 2.717 | 81,0 | 3.189 | 14,0 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| E9304540316160 | 03098293 | HSK-A63 | 16,0 | 0.630 | 160,0 | 6.299 | 134,0 | 5.276 | 52,5 | 2.067 | 39,0 | 1.535 | 27,0 | 1.063 | 34,0 | 1.339 | 192,0 | 7.559 | 4.370 | 111,0 | 4.370 | 121,0 | 4.764 | 14,0 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,4 | 3.090 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

| Guide | Designation | Item number | CTMS | DCBN- | | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------------------------|-------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|--------|-----|-------|-----------|--------------|--------|
| | | | | DCBX | DCBN | | | | | | | | | | | | | | | |
| HSK-A | E930454031895 | 03098294 | HSK-A63 | 18,0 0.709 | 95,0 3.740 | 69,0 2.717 | 53,0 2.087 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 127,0 5.000 | 44,5 1.752 | 56,0 2.205 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 1,2 2.650 | |
| | E9304540318120 | 03098295 | HSK-A63 | 18,0 0.709 | 120,0 4.724 | 94,0 3.701 | 53,0 2.087 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 152,0 5.984 | 71,0 2.795 | 81,0 3.189 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 1,4 3.090 | |
| | E9304540320100 | 03098296 | HSK-A63 | 20,0 0.787 | 100,0 3.937 | 74,0 2.913 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 132,0 5.197 | 47,5 1.870 | 59,0 2.323 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,2 2.650 | |
| HSK-E | E9304540320120 | 03098297 | HSK-A63 | 20,0 0.787 | 120,0 4.724 | 94,0 3.701 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 152,0 5.984 | 67,5 2.657 | 79,0 3.110 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,4 3.090 | |
| | E9304540320160 | 03098298 | HSK-A63 | 20,0 0.787 | 160,0 6.299 | 134,0 5.276 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 192,0 7.559 | 107,5 4.232 | 119,0 4.685 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,8 3.970 | |
| | E9304540325115 | 03098299 | HSK-A63 | 25,0 0.984 | 115,0 4.528 | 89,0 3.504 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 147,0 5.787 | 58,0 2.283 | 68,0 2.677 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 1,8 3.970 | |
| DIN | E9304540325160 | 03098300 | HSK-A63 | 25,0 0.984 | 160,0 6.299 | 134,0 5.276 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 192,0 7.559 | 98,0 3.858 | 113,0 4.449 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| | E9304540332120 | 03098301 | HSK-A63 | 32,0 1.260 | 120,0 4.724 | 94,0 3.701 | 70,0 2.756 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 152,0 5.984 | 56,5 2.224 | 69,0 2.717 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 1,7 3.750 | |
| | E930654030685 | 03098308 | HSK-A100 | 6,0 0.236 | 85,0 3.346 | 56,0 2.205 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 135,0 5.315 | 49,0 1.929 | 59,0 2.323 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,2 4.850 | |
| BT JIS | E9306540306120 | 03098309 | HSK-A100 | 6,0 0.236 | 120,0 4.724 | 91,0 3.583 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 170,0 6.693 | 84,0 3.307 | 94,0 3.701 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,4 5.290 | |
| | E9306540306160 | 03098310 | HSK-A100 | 6,0 0.236 | 160,0 6.299 | 131,0 5.157 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 210,0 8.268 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| | E930654030885 | 03098311 | HSK-A100 | 8,0 0.315 | 85,0 3.346 | 56,0 2.205 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 135,0 5.315 | 48,5 1.909 | 59,0 2.323 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,2 4.850 | |
| CAT | E9306540308120 | 03098312 | HSK-A100 | 8,0 0.315 | 120,0 4.724 | 91,0 3.583 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 170,0 6.693 | 83,5 3.287 | 94,0 3.701 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| | E9306540308160 | 03098313 | HSK-A100 | 8,0 0.315 | 160,0 6.299 | 131,0 5.157 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 210,0 8.268 | 123,5 4.862 | 134,0 5.276 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| | E930654031090 | 03098314 | HSK-A100 | 10,0 0.394 | 90,0 3.543 | 61,0 2.402 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 140,0 5.512 | 48,0 1.890 | 59,0 2.323 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| Combimaster | E9306540310120 | 03098315 | HSK-A100 | 10,0 0.394 | 120,0 4.724 | 91,0 3.583 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 170,0 6.693 | 78,0 3.071 | 89,0 3.504 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| | E9306540310160 | 03098316 | HSK-A100 | 10,0 0.394 | 160,0 6.299 | 131,0 5.157 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 210,0 8.268 | 118,0 4.646 | 129,0 5.079 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,7 5.950 | |
| | E930654031295 | 03098317 | HSK-A100 | 12,0 0.472 | 95,0 3.740 | 66,0 2.598 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 145,0 5.709 | 48,5 1.909 | 59,0 2.323 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| Graflex | E9306540312120 | 03098318 | HSK-A100 | 12,0 0.472 | 120,0 4.724 | 91,0 3.583 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 170,0 6.693 | 73,5 2.894 | 86,0 3.386 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,4 5.290 | |
| | E9306540312160 | 03098319 | HSK-A100 | 12,0 0.472 | 160,0 6.299 | 131,0 5.157 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 210,0 8.268 | 113,5 4.469 | 124,0 4.882 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,7 5.950 | |
| | E930654031495 | 03098320 | HSK-A100 | 14,0 0.551 | 95,0 3.740 | 66,0 2.598 | 49,0 1.929 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 145,0 5.709 | 47,5 1.870 | 59,0 2.323 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| Seco Capto™ | E9306540316100 | 03098321 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 71,0 2.795 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 150,0 5.906 | 50,0 1.969 | 61,0 2.402 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2,4 5.290 | |
| | E9306540316130 | 03098322 | HSK-A100 | 16,0 0.630 | 130,0 5.118 | 101,0 3.976 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 180,0 7.087 | 78,0 3.071 | 91,0 3.583 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| | E9306540316160 | 03098323 | HSK-A100 | 16,0 0.630 | 160,0 6.299 | 131,0 5.157 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 210,0 8.268 | 108,0 4.252 | 121,0 4.764 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2,7 5.950 | |
| Others | E9306540318100 | 03098324 | HSK-A100 | 18,0 0.709 | 100,0 3.937 | 71,0 2.795 | 53,0 2.087 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 150,0 5.906 | 51,0 2.008 | 61,0 2.402 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| | E9306540320105 | 03098325 | HSK-A100 | 20,0 0.787 | 105,0 4.134 | 76,0 2.992 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 155,0 6.102 | 51,0 2.008 | 64,0 2.520 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| | E9306540320130 | 03098326 | HSK-A100 | 20,0 0.787 | 130,0 5.118 | 101,0 3.976 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 180,0 7.087 | 77,5 3.051 | 89,0 3.504 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 2,8 6.170 | |
| Operating & setting accessories | E9306540320160 | 03098327 | HSK-A100 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 210,0 8.268 | 107,5 4.232 | 119,0 4.685 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3,1 6.830 | |
| | E9306540325115 | 03098328 | HSK-A100 | 25,0 0.984 | 115,0 4.528 | 86,0 3.386 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 165,0 6.496 | 58,0 2.283 | 68,0 2.677 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,1 6.830 | |
| | E9306540325160 | 03098329 | HSK-A100 | 25,0 0.984 | 160,0 6.299 | 131,0 5.157 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 210,0 8.268 | 103,0 4.055 | 113,0 4.449 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,8 8.380 | |
| Shrinkfit | E9306540332120 | 03098330 | HSK-A100 | 32,0 1.260 | 120,0 4.724 | 91,0 3.583 | 70,0 2.756 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 170,0 6.693 | 56,5 2.224 | 69,0 2.717 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 2,9 6.390 | |
| | HSKA125-SFD06-160 | 03229645 | HSK-A125 | 6,0 0.236 | 160,0 6.299 | 131,0 5.157 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 223,0 8.780 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | PB | 3,9 8.600 | |
| | HSKA125-SFD08-160 | 03229646 | HSK-A125 | 8,0 0.315 | 160,0 6.299 | 131,0 5.157 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 223,0 8.780 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M6x1 | 4,5 | 1 | PB | 3,9 8.600 | |
| | HSKA125-SFD10-120 | 03229647 | HSK-A125 | 10,0 0.394 | 120,0 4.724 | 91,0 3.583 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 183,0 7.205 | 79,0 3.110 | 89,0 3.504 | 13,0 0.512 | M8x1 | 4,5 | 1 | PB | 3,8 8.380 | |

| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|----------------|----------------|---------------|-------|-----|-------|-----------|--------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | | | | | | |
| HSKA125-SFD10-160 | 03229648 | HSK-A125 | 10,0 0.394 | 160,0 6.299 | 131,0 5.157 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 223,0 8.780 | 119,0 4.685 | 129,0 5.079 | 13,0 0.512 | M8x1 | 4,5 | 1 | PB | 4,1 9.040 | |
| HSKA125-SFD10-200 | 03229649 | HSK-A125 | 10,0 0.394 | 200,0 7.874 | 171,0 6.732 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 263,0 10.354 | 159,0 6.260 | 169,0 6.654 | 13,0 0.512 | M8x1 | 4,5 | 1 | PB | 4,2 9.260 | |
| HSKA125-SFD12-120 | 03229650 | HSK-A125 | 12,0 0.472 | 120,0 4.724 | 91,0 3.583 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 183,0 7.205 | 74,0 2.913 | 84,0 3.307 | 13,0 0.512 | M10x1 | 4,5 | 1 | PB | 3,8 8.380 | |
| HSKA125-SFD12-160 | 03229651 | HSK-A125 | 12,0 0.472 | 160,0 6.299 | 131,0 5.157 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 223,0 8.780 | 114,0 4.488 | 124,0 4.882 | 13,0 0.512 | M10x1 | 4,5 | 1 | PB | 4,1 9.040 | |
| HSKA125-SFD12-200 | 03229652 | HSK-A125 | 12,0 0.472 | 200,0 7.874 | 171,0 6.732 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 263,0 10.354 | 154,0 6.063 | 166,0 6.535 | 13,0 0.512 | M10x1 | 4,5 | 1 | PB | 4,3 9.480 | |

Accessories

| For | Contact Bush |
|-----|--------------|
| All | ZFAR10D306 |
| All | ZFAR10D310 |
| All | ZFAR10D314 |
| All | ZFAR10D318 |
| All | ZFAR10D325 |

Spare Parts, included in delivery

| For | Stop screw |
|---------------------|-----------------------|
| 6/ 0.236 | 19BDR05165 |
| 8/ 0.315 | 19BDR06165 |
| 10/ 0.394 | 19BDR08165 |
| 12/ 0.472-14/ 0.551 | 19BDR10165 |
| 16/ 0.630-18/ 0.709 | 90/ 3.543-100/ 3.937 |
| 16/ 0.630-18/ 0.709 | 120/ 4.724-160/ 6.299 |
| 20/ 0.787 | 19BDR12195 |
| 25/ 0.984-32/ 1.260 | 19BDR16190 |
| | 19BDR16225 |



| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

DIN type
- Inch

Guide

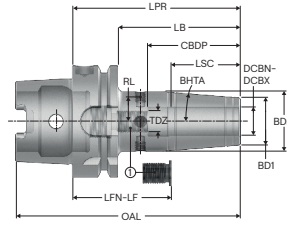
HSK-A

HSK-E

DIN

- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15



Spare parts:
1 = Stop screw



| BT JIS | Designation | Item number | CTMS | DCBN-DCBK | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------------------------|------------------------|-------------|----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | | | | | | | | | | | | | | | | | |
| CAT | E9304560302580 | 02753196 | HSK-A63 | 0.250 | 3.150 | 2.126 | 1.476 | 0.866 | 0.827 | 1.063 | 4.409 | 1.732 | 2.126 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1.980 |
| | E93045603025120 | 02753194 | HSK-A63 | 0.250 | 4.724 | 3.701 | 1.476 | 0.866 | 0.827 | 1.063 | 5.984 | 3.307 | 3.701 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2.200 |
| | E9304560303785 | 02753198 | HSK-A63 | 0.375 | 3.346 | 2.323 | 1.673 | 1.220 | 0.945 | 1.260 | 4.606 | 1.732 | 2.126 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1.980 |
| | E93045603037120 | 02753197 | HSK-A63 | 0.375 | 4.724 | 3.701 | 1.673 | 1.220 | 0.945 | 1.260 | 5.984 | 3.110 | 3.504 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2.650 |
| | E9304560305090 | 02753202 | HSK-A63 | 0.500 | 3.543 | 2.520 | 1.791 | 1.339 | 0.945 | 1.260 | 4.803 | 1.811 | 2.205 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1.980 |
| | E93045603050120 | 02753200 | HSK-A63 | 0.500 | 4.724 | 3.701 | 1.791 | 1.339 | 0.945 | 1.260 | 5.984 | 2.992 | 3.386 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2.430 |
| | E9304560306295 | 02753204 | HSK-A63 | 0.625 | 3.740 | 2.717 | 1.988 | 1.535 | 1.063 | 1.339 | 5.000 | 1.811 | 2.205 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2.200 |
| | E93045603062120 | 02753203 | HSK-A63 | 0.625 | 4.724 | 3.701 | 1.988 | 1.535 | 1.063 | 1.339 | 5.984 | 2.795 | 3.189 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2.650 |
| | E93045603075100 | 02753206 | HSK-A63 | 0.750 | 3.937 | 2.913 | 2.067 | 1.614 | 1.299 | 1.654 | 5.197 | 1.929 | 2.323 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 2.650 |
| | E93045603100115 | 02753208 | HSK-A63 | 1.000 | 4.528 | 3.504 | 2.303 | 1.850 | 1.732 | 2.087 | 5.787 | 2.283 | 2.677 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3.970 |
| Seco Capto™ | E9306560302585 | 02753212 | HSK-A100 | 0.250 | 3.346 | 2.205 | 1.476 | 0.866 | 0.827 | 1.063 | 5.315 | 1.929 | 2.323 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 4.850 |
| | E93065603025160 | 02753211 | HSK-A100 | 0.250 | 6.299 | 5.157 | 1.476 | 0.866 | 0.827 | 1.063 | 8.268 | 4.882 | 5.276 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 5.510 |
| | E9306560303785 | 02753214 | HSK-A100 | 0.375 | 3.346 | 2.205 | 1.673 | 1.220 | 0.945 | 1.260 | 5.315 | 1.732 | 2.126 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 5.070 |
| | E93065603037160 | 02753213 | HSK-A100 | 0.375 | 6.299 | 5.157 | 1.673 | 1.220 | 0.945 | 1.260 | 8.268 | 4.685 | 5.079 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 5.950 |
| | E9306560305095 | 02753216 | HSK-A100 | 0.500 | 3.740 | 2.598 | 1.791 | 1.339 | 0.945 | 1.260 | 5.709 | 2.008 | 2.402 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 5.070 |
| | E93065603050160 | 02753215 | HSK-A100 | 0.500 | 6.299 | 5.157 | 1.791 | 1.339 | 0.945 | 1.260 | 8.268 | 4.567 | 4.961 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 5.950 |
| | E93065603062100 | 02753217 | HSK-A100 | 0.625 | 3.937 | 2.795 | 1.988 | 1.535 | 1.063 | 1.339 | 5.906 | 2.008 | 2.402 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 5.290 |
| | E93065603062160 | 02753218 | HSK-A100 | 0.625 | 6.299 | 5.157 | 1.988 | 1.535 | 1.063 | 1.339 | 8.268 | 4.370 | 4.764 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 5.950 |
| | E93065603075105 | 02753219 | HSK-A100 | 0.750 | 4.134 | 2.992 | 2.067 | 1.614 | 1.299 | 1.654 | 6.102 | 2.126 | 2.520 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 5.730 |
| | E93065603075130 | 02753220 | HSK-A100 | 0.750 | 5.118 | 3.976 | 2.067 | 1.614 | 1.299 | 1.654 | 7.087 | 3.110 | 3.504 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 6.170 |
| Others | E93065603075160 | 02753221 | HSK-A100 | 0.750 | 6.299 | 5.157 | 2.067 | 1.614 | 1.299 | 1.654 | 8.268 | 4.291 | 4.685 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 6.830 |
| | E93065603100115 | 02753223 | HSK-A100 | 1.000 | 4.528 | 3.386 | 2.303 | 1.850 | 1.732 | 2.087 | 6.496 | 2.283 | 2.677 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 6.830 |
| | E93065603100160 | 02753224 | HSK-A100 | 1.000 | 6.299 | 5.157 | 2.303 | 1.850 | 1.732 | 2.087 | 8.268 | 4.055 | 4.449 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 8.380 |
| | E93065603125120 | 02753225 | HSK-A100 | 1.250 | 4.724 | 3.583 | 2.461 | 2.008 | 1.732 | 2.087 | 6.693 | 2.323 | 2.717 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 6.610 |
| Operating & setting accessories | HSKA125-SFD0.375-4.000 | 03229686 | HSK-A125 | 0.375 | 4.000 | 2.858 | 1.673 | 1.220 | 0.945 | 1.260 | 6.480 | 2.386 | 2.780 | 0.512 | M8x1 | 4,5 | 1 | PB | 8.160 |
| | HSKA125-SFD0.375-6.250 | 03229688 | HSK-A125 | 0.375 | 6.250 | 5.108 | 1.673 | 1.220 | 0.945 | 1.260 | 8.730 | 4.636 | 5.030 | 0.512 | M8x1 | 4,5 | 1 | PB | 9.040 |
| | HSKA125-SFD0.500-4.000 | 03229689 | HSK-A125 | 0.500 | 4.000 | 2.858 | 1.791 | 1.339 | 0.945 | 1.260 | 6.480 | 2.268 | 2.661 | 0.512 | M10x1 | 4,5 | 1 | PB | 8.160 |
| | HSKA125-SFD0.500-6.250 | 03229691 | HSK-A125 | 0.500 | 6.250 | 5.108 | 1.791 | 1.339 | 0.945 | 1.260 | 8.730 | 4.518 | 4.911 | 0.512 | M10x1 | 4,5 | 1 | PB | 9.480 |

Shrinkfit

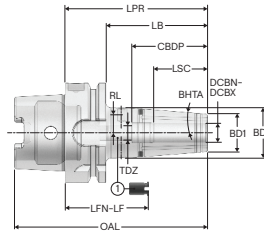
Accessories

| For | | Balancing screws |
|-----------------------------------|--|---|
| | |  |
| All | | 90ZQ01 |
| Spare Parts, included in delivery | | |
| For | | Stop screw |
| | |  |
| 0.250 - 0.625 | | 19BDR05165 |
| 0.375 | | 19BDR08165 |
| 0.500 | | 19BDR10165 |
| 0.625 | | 19BDR12165 |
| 0.750 - 1.250 | | 19BDR16165 |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

DIN type, with peripheral coolant channels
– Metric/ Inch

HSK-A/ ISO12164-1-HSK-A




- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (not plugged)
- Delivered with one stop screw
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

| BT JIS | Designation | Item number | CTMS | DCBN-DCBK | | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight | | | | | | | |
|---------------------------------|----------------|-------------|---------|-----------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-----------|-----------|--------|-------|--------|-----|---|------|-----|-------|
| | | | | mm | inch | | | | | | | | | | | | | | | | mm | inch | | | | | |
| CAT | E930454020680 | 03157532 | HSK-A63 | 6,0 | 0.236 | 80,0 | 3.150 | 54,0 | 2.126 | 37,5 | 1.476 | 22,0 | 0.866 | 21,0 | 0.827 | 27,0 | 1.063 | 4.409 | 1.732 | 2.126 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 0,9 | 1.980 |
| | E9304540206120 | 03180054 | HSK-A63 | 6,0 | 0.236 | 120,0 | 4.724 | 94,0 | 3.701 | 37,5 | 1.476 | 22,0 | 0.866 | 21,0 | 0.827 | 27,0 | 1.063 | 5.984 | 3.307 | 3.701 | 10,5 | M5x0.8 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| | E9304540206160 | 03157529 | HSK-A63 | 6,0 | 0.236 | 160,0 | 6.299 | 134,0 | 5.276 | 37,5 | 1.476 | 22,0 | 0.866 | 21,0 | 0.827 | 27,0 | 1.063 | 7.559 | 4.882 | 5.276 | 10,5 | M5x0.8 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| Combimaster | E930454020880 | 03157533 | HSK-A63 | 8,0 | 0.315 | 80,0 | 3.150 | 54,0 | 2.126 | 38,0 | 1.496 | 26,0 | 1.024 | 21,0 | 0.827 | 27,0 | 1.063 | 4.409 | 1.713 | 2.126 | 10,5 | M6x1 | 4,5 | 1 | G2.5 | 0,9 | 1.980 |
| | E9304540208120 | 03180055 | HSK-A63 | 8,0 | 0.315 | 120,0 | 4.724 | 94,0 | 3.701 | 38,0 | 1.496 | 26,0 | 1.024 | 21,0 | 0.827 | 27,0 | 1.063 | 5.984 | 3.287 | 3.701 | 10,5 | M6x1 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| | E9304540208160 | 03180056 | HSK-A63 | 8,0 | 0.315 | 160,0 | 6.299 | 134,0 | 5.276 | 38,0 | 1.496 | 26,0 | 1.024 | 21,0 | 0.827 | 27,0 | 1.063 | 7.559 | 4.862 | 5.276 | 10,5 | M6x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| Grafflex | E9304540210120 | 03180057 | HSK-A63 | 10,0 | 0.394 | 85,0 | 3.346 | 59,0 | 2.323 | 43,5 | 1.713 | 31,0 | 1.220 | 24,0 | 0.945 | 32,0 | 1.260 | 4.606 | 1.693 | 2.126 | 13,0 | M8x1 | 4,5 | 1 | G2.5 | 0,9 | 1.980 |
| | E9304540210160 | 03157534 | HSK-A63 | 10,0 | 0.394 | 120,0 | 4.724 | 94,0 | 3.701 | 43,5 | 1.713 | 31,0 | 1.220 | 24,0 | 0.945 | 32,0 | 1.260 | 5.984 | 3.071 | 3.504 | 13,0 | M8x1 | 4,5 | 1 | G2.5 | 1,1 | 2.430 |
| | E930454021290 | 03157538 | HSK-A63 | 12,0 | 0.472 | 90,0 | 3.543 | 64,0 | 2.520 | 48,0 | 1.890 | 34,0 | 1.339 | 0.945 | 32,0 | 1.260 | 4.803 | 1.713 | 2.126 | 0.512 | 13,0 | M10x1 | 4,5 | 1 | G2.5 | 0,9 | 1.980 |
| Seco Capto™ | E9304540212120 | 03180058 | HSK-A63 | 12,0 | 0.472 | 120,0 | 4.724 | 94,0 | 3.701 | 48,0 | 1.890 | 34,0 | 1.339 | 0.945 | 32,0 | 1.260 | 5.984 | 2.894 | 3.307 | 0.512 | 13,0 | M10x1 | 4,5 | 1 | G2.5 | 1,1 | 2.430 |
| | E9304540212160 | 03180059 | HSK-A63 | 12,0 | 0.472 | 160,0 | 6.299 | 134,0 | 5.276 | 48,0 | 1.890 | 34,0 | 1.339 | 0.945 | 32,0 | 1.260 | 7.559 | 4.469 | 4.882 | 0.512 | 13,0 | M10x1 | 4,5 | 1 | G2.5 | 1,3 | 2.870 |
| | E930454021490 | 03180060 | HSK-A63 | 14,0 | 0.551 | 90,0 | 3.543 | 64,0 | 2.520 | 49,0 | 1.929 | 34,0 | 1.339 | 1.063 | 34,0 | 1.339 | 4.803 | 1.673 | 2.126 | 0.551 | 14,0 | M10x1 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| Others | E9304540214120 | 03180061 | HSK-A63 | 14,0 | 0.551 | 120,0 | 4.724 | 94,0 | 3.701 | 49,0 | 1.929 | 34,0 | 1.339 | 1.063 | 34,0 | 1.339 | 5.984 | 2.854 | 3.307 | 0.551 | 14,0 | M10x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| | E930454021695 | 03157541 | HSK-A63 | 16,0 | 0.630 | 95,0 | 3.740 | 69,0 | 2.717 | 52,5 | 2.067 | 39,0 | 1.535 | 1.063 | 34,0 | 1.339 | 5.000 | 1.772 | 2.205 | 0.551 | 14,0 | M12x1 | 4,5 | 1 | G2.5 | 1,0 | 2.200 |
| | E9304540216120 | 03180062 | HSK-A63 | 16,0 | 0.630 | 120,0 | 4.724 | 94,0 | 3.701 | 52,5 | 2.067 | 39,0 | 1.535 | 1.063 | 34,0 | 1.339 | 5.984 | 2.717 | 3.189 | 0.551 | 14,0 | M12x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| Operating & setting accessories | E9304540216160 | 03157539 | HSK-A63 | 16,0 | 0.630 | 160,0 | 6.299 | 134,0 | 5.276 | 52,5 | 2.067 | 39,0 | 1.535 | 1.063 | 34,0 | 1.339 | 7.559 | 4.370 | 4.764 | 0.551 | 14,0 | M12x1 | 4,5 | 1 | G2.5 | 1,4 | 3.090 |
| | E930454021895 | 03180063 | HSK-A63 | 18,0 | 0.709 | 95,0 | 3.740 | 69,0 | 2.717 | 53,0 | 2.087 | 39,0 | 1.535 | 1.299 | 33,0 | 42,0 | 127,0 | 5.000 | 1.752 | 2.205 | 18,0 | M12x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| | E9304540218120 | 03180064 | HSK-A63 | 18,0 | 0.709 | 120,0 | 4.724 | 94,0 | 3.701 | 53,0 | 2.087 | 39,0 | 1.535 | 1.299 | 33,0 | 42,0 | 152,0 | 5.984 | 2.795 | 3.189 | 18,0 | M12x1 | 4,5 | 1 | G2.5 | 1,4 | 3.090 |
| Shrinkfit | E9304540220100 | 03157543 | HSK-A63 | 20,0 | 0.787 | 100,0 | 3.937 | 74,0 | 2.913 | 55,5 | 2.185 | 41,0 | 1.614 | 1.299 | 33,0 | 42,0 | 132,0 | 47,5 | 59,0 | 18,0 | 18,0 | M16x1 | 4,5 | 1 | G2.5 | 1,2 | 2.650 |
| | E9304540220120 | 03180065 | HSK-A63 | 20,0 | 0.787 | 120,0 | 4.724 | 94,0 | 3.701 | 55,5 | 2.185 | 41,0 | 1.614 | 1.299 | 33,0 | 42,0 | 152,0 | 67,5 | 79,0 | 18,0 | 18,0 | M16x1 | 4,5 | 1 | G2.5 | 1,4 | 3.090 |
| | E9304540220160 | 03180066 | HSK-A63 | 20,0 | 0.787 | 160,0 | 6.299 | 134,0 | 5.276 | 55,5 | 2.185 | 41,0 | 1.614 | 1.299 | 33,0 | 42,0 | 192,0 | 107,5 | 119,0 | 18,0 | 18,0 | M16x1 | 4,5 | 1 | G2.5 | 1,8 | 3.970 |


| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|--------|-----|-------|-----------|--------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | | | | | | |
| E9304540225115 | 03180067 | HSK-A63 | 25,0 0.984 | 115,0 4.528 | 89,0 3.504 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 147,0 5.787 | 58,0 2.283 | 68,0 2.677 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 1,8 3.970 | |
| E9304540225160 | 03180068 | HSK-A63 | 25,0 0.984 | 160,0 6.299 | 134,0 5.276 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 192,0 7.559 | 98,0 3.858 | 113,0 4.449 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| E9304540232120 | 03180069 | HSK-A63 | 32,0 1.260 | 120,0 4.724 | 94,0 3.701 | 70,0 2.756 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 152,0 5.984 | 56,5 2.224 | 69,0 2.717 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 1,7 3.750 | |
| E930654020685 | 03180070 | HSK-A100 | 6,0 0.236 | 85,0 3.346 | 56,0 2.205 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 135,0 5.315 | 49,0 1.929 | 59,0 2.323 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,2 4.850 | |
| E9306540206120 | 03168473 | HSK-A100 | 6,0 0.236 | 120,0 4.724 | 91,0 3.583 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 170,0 6.693 | 84,0 3.307 | 94,0 3.701 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,4 5.290 | |
| E9306540206160 | 03180071 | HSK-A100 | 6,0 0.236 | 160,0 6.299 | 131,0 5.157 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 210,0 8.268 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| E930654020885 | 03180072 | HSK-A100 | 8,0 0.315 | 85,0 3.346 | 56,0 2.205 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 135,0 5.315 | 48,5 1.909 | 59,0 2.323 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,2 4.850 | |
| E9306540208120 | 03168475 | HSK-A100 | 8,0 0.315 | 120,0 4.724 | 91,0 3.583 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 170,0 6.693 | 83,5 3.287 | 94,0 3.701 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,4 5.290 | |
| E9306540208160 | 03180073 | HSK-A100 | 8,0 0.315 | 160,0 6.299 | 131,0 5.157 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 210,0 8.268 | 123,5 4.862 | 134,0 5.276 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| E930654021090 | 03180074 | HSK-A100 | 10,0 0.394 | 90,0 3.543 | 61,0 2.402 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 140,0 5.512 | 48,0 1.890 | 59,0 2.323 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| E9306540210120 | 03168476 | HSK-A100 | 10,0 0.394 | 120,0 4.724 | 91,0 3.583 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 170,0 6.693 | 78,0 3.071 | 89,0 3.504 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| E9306540210160 | 03180075 | HSK-A100 | 10,0 0.394 | 160,0 6.299 | 131,0 5.157 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 210,0 8.268 | 118,0 4.646 | 129,0 5.079 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,7 5.950 | |
| E930654021295 | 03180076 | HSK-A100 | 12,0 0.472 | 95,0 3.740 | 66,0 2.598 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 145,0 5.709 | 48,5 1.909 | 59,0 2.323 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| E9306540212120 | 03167256 | HSK-A100 | 12,0 0.472 | 120,0 4.724 | 91,0 3.583 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 170,0 6.693 | 73,5 2.894 | 86,0 3.386 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,4 5.290 | |
| E9306540212160 | 03180077 | HSK-A100 | 12,0 0.472 | 160,0 6.299 | 131,0 5.157 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 210,0 8.268 | 113,5 4.469 | 124,0 4.882 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,7 5.950 | |
| E930654021495 | 03180078 | HSK-A100 | 14,0 0.551 | 95,0 3.740 | 66,0 2.598 | 49,0 1.929 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 145,0 5.709 | 47,5 1.870 | 59,0 2.323 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| E9306540216100 | 03180079 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 71,0 2.795 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 150,0 5.906 | 50,0 1.969 | 61,0 2.402 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2,3 5.070 | |
| E9306540216130 | 03180080 | HSK-A100 | 16,0 0.630 | 130,0 5.118 | 101,0 3.976 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 180,0 7.087 | 78,0 3.071 | 91,0 3.583 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| E9306540216160 | 03180081 | HSK-A100 | 16,0 0.630 | 160,0 6.299 | 131,0 5.157 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 210,0 8.268 | 108,0 4.252 | 121,0 4.764 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2,7 5.950 | |
| E9306540218100 | 03180082 | HSK-A100 | 18,0 0.709 | 100,0 3.937 | 71,0 2.795 | 53,0 2.087 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 150,0 5.906 | 52,5 2.067 | 61,0 2.402 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| E9306540220105 | 03180083 | HSK-A100 | 20,0 0.787 | 105,0 4.134 | 76,0 2.992 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 155,0 6.102 | 51,0 2.008 | 64,0 2.520 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 2,6 5.730 | |
| E9306540220130 | 03180084 | HSK-A100 | 20,0 0.787 | 130,0 5.118 | 101,0 3.976 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 180,0 7.087 | 77,5 3.051 | 89,0 3.504 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 2,5 5.510 | |
| E9306540220160 | 03180085 | HSK-A100 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 210,0 8.268 | 107,5 4.232 | 119,0 4.685 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3,1 6.830 | |
| E9306540225115 | 03180087 | HSK-A100 | 25,0 0.984 | 115,0 4.528 | 86,0 3.386 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 165,0 6.496 | 58,0 2.283 | 68,0 2.677 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,1 6.830 | |
| E9306540225160 | 03180088 | HSK-A100 | 25,0 0.984 | 160,0 6.299 | 131,0 5.157 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 210,0 8.268 | 103,0 4.055 | 113,0 4.449 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,8 8.380 | |
| E9306540232120 | 03180089 | HSK-A100 | 32,0 1.260 | 120,0 4.724 | 91,0 3.583 | 70,0 2.756 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 170,0 6.693 | 56,5 2.224 | 69,0 2.717 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,0 6.610 | |

Accessories

| | |
|-----|---|
| For | Balancing screws |
| |  |
| All | 90ZQ01 |
| | |

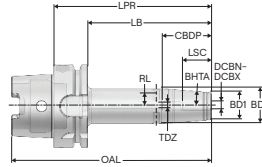
Guide
 HSK-A
 HSK-E
 DIN
 BT JIS
 CAT
 Combimaster
 Graffex
 Seco Capto™
 Others
 Operating & setting accessories
 Shrinkfit

Spare Parts, included in delivery

| Guide | For | | Stop screw |
|---------------------------------|--|--|--|
| | | |  |
| HSK-A | 6/ 0.236 | | 19BDR05165 |
| | 8/ 0.315 | | 19BDR06165 |
| | 10/ 0.394 | | 19BDR08165 |
| | 12/ 0.472-14/ 0.551 | | 19BDR10165 |
| HSK-E | 16/ 0.630-18/ 0.709 95/ 3.740-100/ 3.937 | | 19BDR12165 |
| | 16/ 0.630-18/ 0.709 120/ 4.724-160/ 6.299 | | 19BDR12195 |
| | 20/ 0.787 | | 19BDR16190 |
| | 25/ 0.984-32/ 1.260 | | 19BDR16225 |
| DIN | | | |
| BT JIS | | | |
| CAT | | | |
| Combimaster | | | |
| Graflex | | | |
| Seco Capto™ | | | |
| Others | | | |
| Operating & setting accessories | | | |
| Shrinkfit | | | |

MQL 1, DIN type – DIN 69090-3
– Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



- Run-out $\leq 3 \mu\text{m}$
- Designed for MQL1, accessories to be ordered separately
- For MQL1 coolant tubes and stop screws, see page(s) 371-372
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|---------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | |
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | kg |
| | | | | | | | | | | | | | | | | lbs |
| E930454030680M | 03098401 | HSK-A63 | 6,0 0.236 | 80,0 3.150 | 54,0 2.126 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 112,0 4.409 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 0,9 1.980 |
| E9304540306120M | 03098402 | HSK-A63 | 6,0 0.236 | 120,0 4.724 | 94,0 3.701 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 152,0 5.984 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E9304540306160M | 03098403 | HSK-A63 | 6,0 0.236 | 160,0 6.299 | 134,0 5.276 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 192,0 7.559 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E930454030880M | 03098404 | HSK-A63 | 8,0 0.315 | 80,0 3.150 | 54,0 2.126 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 112,0 4.409 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 0,9 1.980 |
| E9304540308120M | 03098405 | HSK-A63 | 8,0 0.315 | 120,0 4.724 | 94,0 3.701 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 152,0 5.984 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,0 2.200 |
| E9304540308160M | 03098406 | HSK-A63 | 8,0 0.315 | 160,0 6.299 | 134,0 5.276 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 192,0 7.559 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E930454031085M | 03098407 | HSK-A63 | 10,0 0.394 | 85,0 3.346 | 59,0 2.323 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 117,0 4.606 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 0,9 1.980 |
| E9304540310120M | 03098408 | HSK-A63 | 10,0 0.394 | 120,0 4.724 | 94,0 3.701 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 152,0 5.984 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E9304540310160M | 03098409 | HSK-A63 | 10,0 0.394 | 160,0 6.299 | 134,0 5.276 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 192,0 7.559 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E930454031290M | 03098410 | HSK-A63 | 12,0 0.472 | 90,0 3.543 | 64,0 2.520 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 122,0 4.803 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 0,9 1.980 |
| E9304540312120M | 03098411 | HSK-A63 | 12,0 0.472 | 120,0 4.724 | 94,0 3.701 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 152,0 5.984 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E9304540312160M | 03098412 | HSK-A63 | 12,0 0.472 | 160,0 6.299 | 134,0 5.276 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 192,0 7.559 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E930454031490M | 03098413 | HSK-A63 | 14,0 0.551 | 90,0 3.543 | 64,0 2.520 | 49,0 1.929 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 122,0 4.803 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,0 2.200 |
| E9304540314120M | 03098414 | HSK-A63 | 14,0 0.551 | 120,0 4.724 | 94,0 3.701 | 49,0 1.929 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 152,0 5.984 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E930454031695M | 03098415 | HSK-A63 | 16,0 0.630 | 95,0 3.740 | 69,0 2.717 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 127,0 5.000 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E9304540316120M | 03098416 | HSK-A63 | 16,0 0.630 | 120,0 4.724 | 94,0 3.701 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 152,0 5.984 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E9304540316160M | 03098417 | HSK-A63 | 16,0 0.630 | 160,0 6.299 | 134,0 5.276 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 192,0 7.559 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E930454031895M | 03098418 | HSK-A63 | 18,0 0.709 | 95,0 3.740 | 69,0 2.717 | 53,0 2.087 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 127,0 5.000 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E9304540318120M | 03098419 | HSK-A63 | 18,0 0.709 | 120,0 4.724 | 94,0 3.701 | 53,0 2.087 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 152,0 5.984 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E9304540320100M | 03098420 | HSK-A63 | 20,0 0.787 | 100,0 3.937 | 74,0 2.913 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 132,0 5.197 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E9304540320120M | 03098421 | HSK-A63 | 20,0 0.787 | 120,0 4.724 | 94,0 3.701 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 152,0 5.984 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E9304540320160M | 03098422 | HSK-A63 | 20,0 0.787 | 160,0 6.299 | 134,0 5.276 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 192,0 7.559 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 1,8 3.970 |

Guide
 HSK-A
 HSK-E
 DIN
 BT JIS
 CAT
 Combimaster
 Graflex
 Seco Capto™
 Others
 Operating & setting accessories

| Guide | Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------|-----------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| HSK-A | E9304540325115M | 03098423 | HSK-A63 | 25,0 0.984 | 115,0 4.528 | 89,0 3.504 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 147,0 5.787 | 23,5 0.925 | M10x1 | 4,5 | 1 | G2.5 | 1,8 3.970 |
| | E9304540325160M | 03098424 | HSK-A63 | 25,0 0.984 | 160,0 6.299 | 134,0 5.276 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 192,0 7.559 | 23,5 0.925 | M10x1 | 4,5 | 1 | G2.5 | 2,5 5.510 |
| | E9304540332120M | 03098425 | HSK-A63 | 32,0 1.260 | 120,0 4.724 | 94,0 3.701 | 70,0 2.756 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 152,0 5.984 | 23,5 0.925 | M10x1 | 4,5 | 1 | G2.5 | 1,6 3.530 |
| HSK-E | E930654030685M | 03098582 | HSK-A100 | 6,0 0.236 | 85,0 3.346 | 56,0 2.205 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 135,0 5.315 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,2 4.850 |
| | E9306540306120M | 03098583 | HSK-A100 | 6,0 0.236 | 120,0 4.724 | 91,0 3.583 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 170,0 6.693 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,4 5.290 |
| | E9306540306160M | 03098584 | HSK-A100 | 6,0 0.236 | 160,0 6.299 | 131,0 5.157 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 210,0 8.268 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,0 4.410 |
| DIN | E930654030885M | 03098585 | HSK-A100 | 8,0 0.315 | 85,0 3.346 | 56,0 2.205 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 135,0 5.315 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,2 4.850 |
| | E9306540308120M | 03098586 | HSK-A100 | 8,0 0.315 | 120,0 4.724 | 91,0 3.583 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 170,0 6.693 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,4 5.290 |
| | E9306540308160M | 03098587 | HSK-A100 | 8,0 0.315 | 160,0 6.299 | 131,0 5.157 | 38,0 1.496 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 210,0 8.268 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,6 5.730 |
| BT JIS | E930654031090M | 03098588 | HSK-A100 | 10,0 0.394 | 90,0 3.543 | 61,0 2.402 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 140,0 5.512 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,3 5.070 |
| | E9306540310120M | 03098589 | HSK-A100 | 10,0 0.394 | 120,0 4.724 | 91,0 3.583 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 170,0 6.693 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,0 4.410 |
| | E9306540310160M | 03098590 | HSK-A100 | 10,0 0.394 | 160,0 6.299 | 131,0 5.157 | 43,5 1.713 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 210,0 8.268 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,9 6.390 |
| CAT | E930654031295M | 03098591 | HSK-A100 | 12,0 0.472 | 95,0 3.740 | 66,0 2.598 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 145,0 5.709 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,3 5.070 |
| | E9306540312120M | 03098592 | HSK-A100 | 12,0 0.472 | 120,0 4.724 | 91,0 3.583 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 170,0 6.693 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,5 5.510 |
| | E9306540312160M | 03098593 | HSK-A100 | 12,0 0.472 | 160,0 6.299 | 131,0 5.157 | 48,0 1.890 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 210,0 8.268 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,7 5.950 |
| Combimaster | E930654031495M | 03098594 | HSK-A100 | 14,0 0.551 | 95,0 3.740 | 66,0 2.598 | 49,0 1.929 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 145,0 5.709 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 2,4 5.290 |
| | E9306540316100M | 03098595 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 71,0 2.795 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 150,0 5.906 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 2,4 5.290 |
| | E9306540316130M | 03098596 | HSK-A100 | 16,0 0.630 | 130,0 5.118 | 101,0 3.976 | 52,5 2.067 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 180,0 7.087 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 2,6 5.730 |
| Graflex | E9306540318100M | 03098598 | HSK-A100 | 18,0 0.709 | 100,0 3.937 | 71,0 2.795 | 53,0 2.087 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 150,0 5.906 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 2,6 5.730 |
| | E9306540320105M | 03098599 | HSK-A100 | 20,0 0.787 | 105,0 4.134 | 76,0 2.992 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 155,0 6.102 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 2,6 5.730 |
| | E9306540320130M | 03098600 | HSK-A100 | 20,0 0.787 | 130,0 5.118 | 101,0 3.976 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 180,0 7.087 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 2,8 6.170 |
| Seco Capto™ | E9306540320160M | 03098601 | HSK-A100 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 55,5 2.185 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 210,0 8.268 | 18,0 0.709 | M10x1 | 4,5 | 1 | G2.5 | 3,3 7.280 |
| | E9306540325115M | 03098602 | HSK-A100 | 25,0 0.984 | 115,0 4.528 | 86,0 3.386 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 165,0 6.496 | 23,5 0.925 | M10x1 | 4,5 | 1 | G2.5 | 3,1 6.830 |
| | E9306540325160M | 03098603 | HSK-A100 | 25,0 0.984 | 160,0 6.299 | 131,0 5.157 | 63,5 2.500 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 210,0 8.268 | 23,5 0.925 | M10x1 | 4,5 | 1 | G2.5 | 3,8 8.380 |
| Others | E9306540332120M | 03098604 | HSK-A100 | 32,0 1.260 | 120,0 4.724 | 91,0 3.583 | 70,0 2.756 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 170,0 6.693 | 23,5 0.925 | M10x1 | 4,5 | 1 | G2.5 | 3,1 6.830 |

Accessories

For **Balancing screws**



All **90ZQ01**

MQL 1, DIN type – DIN 69090-3
– Metric/ Inch

HSK-A/ ISO12164-1-HSK-A

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

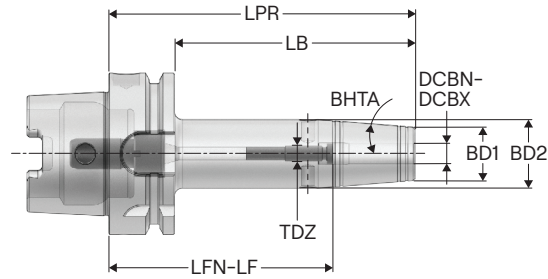
Graffex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit



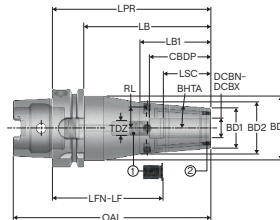
- Run-out $\leq 3 \mu\text{m}$
- Delivered ready for MQL1 with stop screw and coolant tube fitted
- For MQL1 coolant tubes and stop screws, see page(s) 371-372
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LFN | LF | TDZ | Weight | Tool holders | Coolant tube MQL1 | |
|------------------|-------------|---------|---------------|----------------|----------------|----------------|----------------|--------|--------------|-----------------|-------------------|-----------|
| | | | | | | | | | | | Stop screw MQL1 | |
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | | kg lbs | | | |
| E930454030680M1 | 03098623 | HSK-A63 | 6,0 0.236 | 80,0 3.150 | 54,0 2.126 | 44,0 1.732 | 54,0 2.126 | M5x0.8 | 0,9 1.980 | E930454030680M | 20E9304 | 19MQL106S |
| E9304540306120M1 | 03098624 | HSK-A63 | 6,0 0.236 | 120,0 4.724 | 94,0 3.701 | 84,0 3.307 | 94,0 3.701 | M5x0.8 | 1,1 2.430 | E9304540306120M | 20E9304 | 19MQL106L |
| E9304540306160M1 | 03098625 | HSK-A63 | 6,0 0.236 | 160,0 6.299 | 134,0 5.276 | 124,0 4.882 | 134,0 5.276 | M5x0.8 | 1,3 2.870 | E9304540306160M | 20E9304 | 19MQL106L |
| E930454030880M1 | 03098626 | HSK-A63 | 8,0 0.315 | 80,0 3.150 | 54,0 2.126 | 44,0 1.732 | 54,0 2.126 | M6x1 | 0,9 1.980 | E930454030880M | 20E9304 | 19MQL108S |
| E9304540308120M1 | 03098627 | HSK-A63 | 8,0 0.315 | 120,0 4.724 | 94,0 3.701 | 84,0 3.307 | 94,0 3.701 | M6x1 | 1,1 2.430 | E9304540308120M | 20E9304 | 19MQL108L |
| E9304540308160M1 | 03098628 | HSK-A63 | 8,0 0.315 | 160,0 6.299 | 134,0 5.276 | 124,0 4.882 | 134,0 5.276 | M6x1 | 1,2 2.650 | E9304540308160M | 20E9304 | 19MQL108L |
| E930454031085M1 | 03098629 | HSK-A63 | 10,0 0.394 | 85,0 3.346 | 59,0 2.323 | 44,0 1.732 | 54,0 2.126 | M8x1 | 1,0 2.200 | E930454031085M | 20E9304 | 19MQL110S |
| E9304540310120M1 | 03098630 | HSK-A63 | 10,0 0.394 | 120,0 4.724 | 94,0 3.701 | 79,0 3.110 | 89,0 3.504 | M8x1 | 1,2 2.650 | E9304540310120M | 20E9304 | 19MQL110L |
| E9304540310160M1 | 03098631 | HSK-A63 | 10,0 0.394 | 160,0 6.299 | 134,0 5.276 | 119,0 4.685 | 129,0 5.079 | M8x1 | 1,4 3.090 | E9304540310160M | 20E9304 | 19MQL110L |
| E930454031290M1 | 03098632 | HSK-A63 | 12,0 0.472 | 90,0 3.543 | 64,0 2.520 | 44,0 1.732 | 54,0 2.126 | M10x1 | 1,0 2.200 | E930454031290M | 20E9304 | 19MQL112S |
| E9304540312120M1 | 03098633 | HSK-A63 | 12,0 0.472 | 120,0 4.724 | 94,0 3.701 | 74,0 2.913 | 84,0 3.307 | M10x1 | 1,2 2.650 | E9304540312120M | 20E9304 | 19MQL112L |
| E9304540312160M1 | 03098634 | HSK-A63 | 12,0 0.472 | 160,0 6.299 | 134,0 5.276 | 114,0 4.488 | 124,0 4.882 | M10x1 | 1,4 3.090 | E9304540312160M | 20E9304 | 19MQL112L |
| E930454031490M1 | 03098635 | HSK-A63 | 14,0 0.551 | 90,0 3.543 | 64,0 2.520 | 44,0 1.732 | 54,0 2.126 | M10x1 | 1,1 2.430 | E930454031490M | 20E9304 | 19MQL114S |
| E9304540314120M1 | 03098636 | HSK-A63 | 14,0 0.551 | 120,0 4.724 | 94,0 3.701 | 74,0 2.913 | 84,0 3.307 | M10x1 | 1,0 2.200 | E9304540314120M | 20E9304 | 19MQL114L |
| E930454031695M1 | 03098637 | HSK-A63 | 16,0 0.630 | 95,0 3.740 | 69,0 2.717 | 46,0 1.811 | 56,0 2.205 | M10x1 | 1,1 2.430 | E930454031695M | 20E9304 | 19MQL116S |
| E9304540316120M1 | 03098638 | HSK-A63 | 16,0 0.630 | 120,0 4.724 | 94,0 3.701 | 71,0 2.795 | 81,0 3.189 | M10x1 | 1,2 2.650 | E9304540316120M | 20E9304 | 19MQL116L |
| E9304540316160M1 | 03098639 | HSK-A63 | 16,0 0.630 | 160,0 6.299 | 134,0 5.276 | 111,0 4.370 | 121,0 4.764 | M10x1 | 1,5 3.310 | E9304540316160M | 20E9304 | 19MQL116L |
| E930454031895M1 | 03098640 | HSK-A63 | 18,0 0.709 | 95,0 3.740 | 69,0 2.717 | 46,0 1.811 | 56,0 2.205 | M10x1 | 1,2 2.650 | E930454031895M | 20E9304 | 19MQL118S |
| E9304540318120M1 | 03098641 | HSK-A63 | 18,0 0.709 | 120,0 4.724 | 94,0 3.701 | 71,0 2.795 | 81,0 3.189 | M10x1 | 1,5 3.310 | E9304540318120M | 20E9304 | 19MQL118L |
| E9304540320100M1 | 03098642 | HSK-A63 | 20,0 0.787 | 100,0 3.937 | 74,0 2.913 | 49,0 1.929 | 59,0 2.323 | M10x1 | 1,3 2.870 | E9304540320100M | 20E9304 | 19MQL120S |
| E9304540320120M1 | 03098643 | HSK-A63 | 20,0 0.787 | 120,0 4.724 | 94,0 3.701 | 69,0 2.717 | 79,0 3.110 | M10x1 | 1,4 3.090 | E9304540320120M | 20E9304 | 19MQL120L |
| E9304540320160M1 | 03098644 | HSK-A63 | 20,0 0.787 | 160,0 6.299 | 134,0 5.276 | 109,0 4.291 | 119,0 4.685 | M10x1 | 1,9 4.190 | E9304540320160M | 20E9304 | 19MQL120L |

| Guide | Designation | Item number | CTMS | DCBN- | LPR | LB | LFN | LF | TDZ | Weight | Tool holders | Coolant tube MQL1 | Stop screw MQL1 |
|---------------------------------|------------------|-------------|----------|---------------|----------------|----------------|----------------|----------------|--------|--------------|-----------------|-------------------|-----------------|
| | | | | DCBX | | | | | | | | | |
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | kg lbs | | | |
| HSK-A | E9304540325115M1 | 03098645 | HSK-A63 | 25,0 0.984 | 115,0 4.528 | 89,0 3.504 | 58,0 2.283 | 68,0 2.677 | M10x1 | 1,8 3.970 | E9304540325115M | 20E9304 | 19MQL125S |
| | E9304540325160M1 | 03098646 | HSK-A63 | 25,0 0.984 | 160,0 6.299 | 134,0 5.276 | 103,0 4.055 | 113,0 4.449 | M10x1 | 2,6 5.730 | E9304540325160M | 20E9304 | 19MQL125L |
| | E9304540332120M1 | 03098647 | HSK-A63 | 32,0 1.260 | 120,0 4.724 | 94,0 3.701 | 59,0 2.323 | 69,0 2.717 | M10x1 | 1,7 3.750 | E9304540332120M | 20E9304 | 19MQL132S |
| HSK-E | E930654030685M1 | 03099158 | HSK-A100 | 6,0 0.236 | 85,0 3.346 | 56,0 2.205 | 49,0 1.929 | 59,0 2.323 | M5x0.8 | 2,3 5.070 | E930654030685M | 20E9306M1 | 19MQL106S |
| | E9306540306120M1 | 03099159 | HSK-A100 | 6,0 0.236 | 120,0 4.724 | 91,0 3.583 | 84,0 3.307 | 94,0 3.701 | M5x0.8 | 2,5 5.510 | E9306540306120M | 20E9306M1 | 19MQL106L |
| | E9306540306160M1 | 03099160 | HSK-A100 | 6,0 0.236 | 160,0 6.299 | 131,0 5.157 | 124,0 4.882 | 134,0 5.276 | M5x0.8 | 2,6 5.730 | E9306540306160M | 20E9306M1 | 19MQL106L |
| DIN | E930654030885M1 | 03099161 | HSK-A100 | 8,0 0.315 | 85,0 3.346 | 56,0 2.205 | 49,0 1.929 | 59,0 2.323 | M6x1 | 2,6 5.730 | E930654030885M | 20E9306M1 | 19MQL108S |
| | E9306540308120M1 | 03099162 | HSK-A100 | 8,0 0.315 | 120,0 4.724 | 91,0 3.583 | 84,0 3.307 | 94,0 3.701 | M6x1 | 2,5 5.510 | E9306540308120M | 20E9306M1 | 19MQL108L |
| | E9306540308160M1 | 03099163 | HSK-A100 | 8,0 0.315 | 160,0 6.299 | 131,0 5.157 | 124,0 4.882 | 134,0 5.276 | M6x1 | 2,8 6.170 | E9306540308160M | 20E9306M1 | 19MQL108L |
| BT JIS | E930654031090M1 | 03099164 | HSK-A100 | 10,0 0.394 | 90,0 3.543 | 61,0 2.402 | 49,0 1.929 | 59,0 2.323 | M8x1 | 2,3 5.070 | E930654031090M | 20E9306M1 | 19MQL110S |
| | E9306540310120M1 | 03099165 | HSK-A100 | 10,0 0.394 | 120,0 4.724 | 91,0 3.583 | 79,0 3.110 | 89,0 3.504 | M8x1 | 2,7 5.950 | E9306540310120M | 20E9306M1 | 19MQL110L |
| | E9306540310160M1 | 03099166 | HSK-A100 | 10,0 0.394 | 160,0 6.299 | 131,0 5.157 | 119,0 4.685 | 129,0 5.079 | M8x1 | 2,8 6.170 | E9306540310160M | 20E9306M1 | 19MQL110L |
| CAT | E930654031295M1 | 03099167 | HSK-A100 | 12,0 0.472 | 95,0 3.740 | 66,0 2.598 | 49,0 1.929 | 59,0 2.323 | M10x1 | 2,6 5.730 | E930654031295M | 20E9306M1 | 19MQL112S |
| | E9306540312120M1 | 03099168 | HSK-A100 | 12,0 0.472 | 120,0 4.724 | 91,0 3.583 | 74,0 2.913 | 84,0 3.307 | M10x1 | 2,6 5.730 | E9306540312120M | 20E9306M1 | 19MQL112L |
| | E9306540312160M1 | 03099169 | HSK-A100 | 12,0 0.472 | 160,0 6.299 | 131,0 5.157 | 114,0 4.488 | 124,0 4.882 | M10x1 | 2,7 5.950 | E9306540312160M | 20E9306M1 | 19MQL112L |
| Combimaster | E930654031495M1 | 03099170 | HSK-A100 | 14,0 0.551 | 95,0 3.740 | 66,0 2.598 | 49,0 1.929 | 59,0 2.323 | M10x1 | 2,5 5.510 | E930654031495M | 20E9306M1 | 19MQL114S |
| | E9306540316100M1 | 03099171 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 71,0 2.795 | 51,0 2.008 | 61,0 2.402 | M10x1 | 2,4 5.290 | E9306540316100M | 20E9306M1 | 19MQL116S |
| | E9306540316130M1 | 03099172 | HSK-A100 | 16,0 0.630 | 130,0 5.118 | 101,0 3.976 | 81,0 3.189 | 91,0 3.583 | M10x1 | 2,8 6.170 | E9306540316130M | 20E9306M1 | 19MQL116L |
| Graflex | E9306540318100M1 | 03099174 | HSK-A100 | 18,0 0.709 | 100,0 3.937 | 71,0 2.795 | 51,0 2.008 | 61,0 2.402 | M10x1 | 2,6 5.730 | E9306540318100M | 20E9306M1 | 19MQL118S |
| | E9306540320105M1 | 03099175 | HSK-A100 | 20,0 0.787 | 105,0 4.134 | 76,0 2.992 | 54,0 2.126 | 64,0 2.520 | M10x1 | 2,6 5.730 | E9306540320105M | 20E9306M1 | 19MQL120S |
| | E9306540320130M1 | 03099176 | HSK-A100 | 20,0 0.787 | 130,0 5.118 | 101,0 3.976 | 79,0 3.110 | 89,0 3.504 | M10x1 | 2,9 6.390 | E9306540320130M | 20E9306M1 | 19MQL120L |
| Seco Capto™ | E9306540320160M1 | 03099177 | HSK-A100 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 109,0 4.291 | 119,0 4.685 | M10x1 | 3,2 7.050 | E9306540320160M | 20E9306M1 | 19MQL120L |
| | E9306540325115M1 | 03099178 | HSK-A100 | 25,0 0.984 | 115,0 4.528 | 86,0 3.386 | 58,0 2.283 | 68,0 2.677 | M10x1 | 3,3 7.280 | E9306540325115M | 20E9306M1 | 19MQL125S |
| | E9306540325160M1 | 03099179 | HSK-A100 | 25,0 0.984 | 160,0 6.299 | 131,0 5.157 | 103,0 4.055 | 113,0 4.449 | M10x1 | 4,0 8.820 | E9306540325160M | 20E9306M1 | 19MQL125L |
| Others | E9306540332120M1 | 03099180 | HSK-A100 | 32,0 1.260 | 120,0 4.724 | 91,0 3.583 | 59,0 2.323 | 69,0 2.717 | M10x1 | 3,0 6.610 | E9306540332120M | 20E9306M1 | 19MQL132S |
| Operating & setting accessories | | | | | | | | | | | | | |
| Shrinkfit | | | | | | | | | | | | | |

Reinforced type
- Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- * Holder without thread for a stop screw
- ** Holder without threaded holes for balancing screw
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDF | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA° | * | ** | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|--------|-------|---|----|-----------|-----------|---------------|
| | | | | | | | | | | | | | | | | | | | | | | |
| E930456000670 | 02845449 | HSK-A63 | 6,0 0.236 | 70,0 2.756 | 44,0 1.732 | - | 37,5 1.476 | 22,0 0.866 | 24,0 0.945 | 30,9 1.217 | - | 102,0 4.016 | - | - | 12,0 0.472 | - | 4,5 | * | | 1 | G2.5 | 0,9 1.980 |
| E9304560006130 | 02845469 | HSK-A63 | 6,0 0.236 | 130,0 5.118 | 104,0 4.094 | 52,0 2.047 | 37,5 1.476 | 22,0 0.866 | 24,0 0.945 | 32,2 1.267 | 52,5 2.067 | 162,0 6.378 | 94,0 3.701 | 104,0 4.094 | 12,0 0.472 | M5x0.8 | 4,5 | | | 1 | G2.5 | 1,6 3.530 |
| E9304560006160 | 02845477 | HSK-A63 | 6,0 0.236 | 160,0 6.299 | 134,0 5.276 | 52,0 2.047 | 37,5 1.476 | 22,0 0.866 | 24,0 0.945 | 32,2 1.267 | 52,5 2.067 | 192,0 7.559 | 124,0 4.882 | 134,0 5.276 | 12,0 0.472 | M5x0.8 | 4,5 | | | 1 | G2.5 | 1,9 4.190 |
| E930456000870 | 02845450 | HSK-A63 | 8,0 0.315 | 70,0 2.756 | 44,0 1.732 | - | 37,5 1.476 | 26,0 1.024 | 24,0 0.945 | 32,2 1.267 | - | 102,0 4.016 | 34,0 1.339 | 44,0 1.732 | 12,0 0.472 | M6x1 | 4,5 | * | | 1 | G2.5 | 0,9 1.980 |
| E9304560008130 | 02845470 | HSK-A63 | 8,0 0.315 | 130,0 5.118 | 104,0 4.094 | 52,0 2.047 | 37,5 1.476 | 26,0 1.024 | 24,0 0.945 | 32,2 1.267 | 52,5 2.067 | 162,0 6.378 | 94,0 3.701 | 104,0 4.094 | 12,0 0.472 | M6x1 | 4,5 | | | 1 | G2.5 | 1,6 3.530 |
| E930456001070 | 02845451 | HSK-A63 | 10,0 0.394 | 70,0 2.756 | 44,0 1.732 | - | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | - | 102,0 4.016 | 29,0 1.142 | 39,0 1.535 | 13,5 0.531 | M8x1 | 4,5 | * | | 1 | G2.5 | 0,85 1.870 |
| E9304560010130 | 02845471 | HSK-A63 | 10,0 0.394 | 130,0 5.118 | 104,0 4.094 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | 52,5 2.067 | 162,0 6.378 | 89,0 3.504 | 99,0 3.898 | 13,5 0.531 | M8x1 | 4,5 | | | 1 | G2.5 | 1,6 3.530 |
| E9304560010160 | 02845479 | HSK-A63 | 10,0 0.394 | 160,0 6.299 | 134,0 5.276 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | 52,5 2.067 | 192,0 7.559 | 119,0 4.685 | 129,0 5.079 | 13,5 0.531 | M8x1 | 4,5 | | | 1 | G2.5 | 1,95 4.300 |
| E930456001270 | 02845452 | HSK-A63 | 12,0 0.472 | 70,0 2.756 | 44,0 1.732 | - | 46,0 1.811 | 34,0 1.339 | 27,0 1.063 | 35,2 1.386 | - | 102,0 4.016 | 24,0 0.945 | 36,0 1.417 | 13,5 0.531 | M10x1 | 4,5 | * | | 1 | G2.5 | 0,9 1.980 |
| E9304560012130 | 02845472 | HSK-A63 | 12,0 0.472 | 130,0 5.118 | 104,0 4.094 | 52,0 2.047 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 52,5 2.067 | 162,0 6.378 | 84,0 3.307 | 94,0 3.701 | 13,5 0.531 | M10x1 | 4,5 | | | 1 | G2.5 | 1,6 3.530 |
| E9304560012160 | 02845480 | HSK-A63 | 12,0 0.472 | 160,0 6.299 | 134,0 5.276 | 52,0 2.047 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 52,5 2.067 | 192,0 7.559 | 114,0 4.488 | 124,0 4.882 | 13,5 0.531 | M10x1 | 4,5 | | | 1 | G2.5 | 2,0 4.410 |
| E930456001675 | 02845453 | HSK-A63 | 16,0 0.630 | 75,0 2.953 | 49,0 1.929 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 107,0 4.213 | 26,0 1.024 | 36,0 1.417 | 17,0 0.669 | M12x1 | 4,5 | * | | 1 | G2.5 | 1,0 2.200 |
| E9304560016130 | 02845473 | HSK-A63 | 16,0 0.630 | 130,0 5.118 | 104,0 4.094 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 52,5 2.067 | 162,0 6.378 | 81,0 3.189 | 91,0 3.583 | 17,0 0.669 | M12x1 | 4,5 | | | 1 | G2.5 | 1,8 3.970 |
| E930456002075 | 02845454 | HSK-A63 | 20,0 0.787 | 75,0 2.953 | 49,0 1.929 | - | 50,5 1.988 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | - | 107,0 4.213 | 24,0 0.945 | 34,0 1.339 | 21,5 0.846 | M16x1 | 4,5 | * | | 1 | G2.5 | 1,2 2.650 |
| E9304560020130 | 02845474 | HSK-A63 | 20,0 0.787 | 130,0 5.118 | 104,0 4.094 | 58,0 2.283 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 52,5 2.067 | 162,0 6.378 | 79,0 3.110 | 89,0 3.504 | 21,5 0.846 | M16x1 | 4,5 | | | 1 | G2.5 | 2,2 4.850 |
| E930456002585 | 02845456 | HSK-A63 | 25,0 0.984 | 85,0 3.346 | 59,0 2.323 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | 52,5 2.067 | 117,0 4.606 | 28,0 1.102 | 38,0 1.496 | 25,0 0.984 | M16x1 | 4,5 | * | ** | 1 | G2.5 | 1,4 3.090 |
| E930456003285 | 02845457 | HSK-A63 | 32,0 1.260 | 85,0 3.346 | 59,0 2.323 | - | 61,0 2.402 | 51,0 2.008 | 48,0 1.890 | 57,1 2.249 | 52,5 2.067 | 117,0 4.606 | 24,0 0.945 | 34,0 1.339 | 25,0 0.984 | M16x1 | 4,5 | * | ** | 1 | G2.5 | 1,3 2.870 |
| E9306560006160 | 02845493 | HSK-A100 | 6,0 0.236 | 160,0 6.299 | 131,0 5.157 | 52,0 2.047 | 37,5 1.476 | 22,0 0.866 | 24,0 0.945 | 32,2 1.267 | 87,5 3.445 | 210,0 8.268 | 124,0 4.882 | 134,0 5.276 | 12,0 0.472 | M5x0.8 | 4,5 | | | 1 | G2.5 | 4,4 9.700 |
| E9306560008160 | 02845494 | HSK-A100 | 8,0 0.315 | 160,0 6.299 | 131,0 5.157 | 52,0 2.047 | 37,5 1.476 | 26,0 1.024 | 24,0 0.945 | 32,2 1.267 | 87,5 3.445 | 210,0 8.268 | 124,0 4.882 | 134,0 5.276 | 12,0 0.472 | M6x1 | 4,5 | | | 1 | G2.5 | 4,4 9.700 |
| E930656001090 | 02845486 | HSK-A100 | 10,0 0.394 | 90,0 3.543 | 61,0 2.402 | - | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | - | 140,0 5.512 | 49,0 1.929 | 59,0 2.323 | 13,5 0.531 | M8x1 | 4,5 | | | 1 | G2.5 | 2,4 5.290 |
| E9306560010160 | 02845495 | HSK-A100 | 10,0 0.394 | 160,0 6.299 | 131,0 5.157 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | 87,5 3.445 | 210,0 8.268 | 119,0 4.685 | 129,0 5.079 | 13,5 0.531 | M8x1 | 4,5 | | | 1 | G2.5 | 4,5 9.920 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

CombiMaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

| Guide | Designation | Item number | CTMS | DCBN- | | | | | | | | | | | | | TDZ | BHTA° | * | ** | RFID hole | Balancing | Weight |
|--------|----------------|-------------|----------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|-------|-------|---|----|-----------|---------------|--------|
| | | | | DCBX | LPR | LB | LB1 | CBDP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | | | | | | | |
| | | | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | | | kg |
| | | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | | lbs |
| HSK-A | E930656001295 | 02845487 | HSK-A100 | 12,0 0.472 | 95,0 3.740 | 66,0 2.598 | - | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | - | 145,0 5.709 | 49,0 1.929 | 59,0 2.323 | 13,5 0.531 | M10x1 | 4,5 | | 1 | G2.5 | 2,4 5.290 | |
| | E9306560012160 | 02845496 | HSK-A100 | 12,0 0.472 | 160,0 6.299 | 131,0 5.157 | 58,0 2.283 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 87,5 3.445 | 210,0 8.268 | 114,0 4.488 | 124,0 4.882 | 13,5 0.531 | M10x1 | 4,5 | | 1 | G2.5 | 4,5 9.920 | |
| | E9306560016100 | 02845488 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 71,0 2.795 | 71,0 2.795 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 150,0 5.906 | 51,0 2.008 | 61,0 2.402 | 17,0 0.669 | M12x1 | 4,5 | | 1 | G2.5 | 2,6 5.730 | |
| | E9306560016160 | 02845497 | HSK-A100 | 16,0 0.630 | 160,0 6.299 | 131,0 5.157 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 87,5 3.445 | 210,0 8.268 | 111,0 4.370 | 121,0 4.764 | 17,0 0.669 | M12x1 | 4,5 | | 1 | G2.5 | 4,7 10.360 | |
| HSK-E | E9306560016200 | 02845507 | HSK-A100 | 16,0 0.630 | 200,0 7.874 | 171,0 6.732 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 87,5 3.445 | 250,0 9.843 | 151,0 5.945 | 161,0 6.339 | 17,0 0.669 | M12x1 | 4,5 | | 1 | G2.5 | 5,7 12.570 | |
| | E9306560020105 | 02845489 | HSK-A100 | 20,0 0.787 | 105,0 4.134 | 76,0 2.992 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | - | 155,0 6.102 | 54,0 2.126 | 64,0 2.520 | 21,5 0.846 | M16x1 | 4,5 | | 1 | G2.5 | 3,0 6.610 | |
| DIN | E9306560020160 | 02845498 | HSK-A100 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 131,0 5.157 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 87,5 3.445 | 210,0 8.268 | 109,0 4.291 | 119,0 4.685 | 21,5 0.846 | M16x1 | 4,5 | | 1 | G2.5 | 5,1 11.240 | |
| | E9306560020200 | 02845508 | HSK-A100 | 20,0 0.787 | 200,0 7.874 | 171,0 6.732 | 171,0 6.732 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 87,5 3.445 | 250,0 9.843 | 149,0 5.866 | 159,0 6.260 | 21,5 0.846 | M16x1 | 4,5 | | 1 | G2.5 | 6,3 13.890 | |
| | E9306560025115 | 02845490 | HSK-A100 | 25,0 0.984 | 115,0 4.528 | 86,0 3.386 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | 87,5 3.445 | 165,0 6.496 | 58,0 2.283 | 68,0 2.677 | 25,0 0.984 | M16x1 | 4,5 | | 1 | G2.5 | 3,8 8.380 | |
| | E9306560025160 | 02845499 | HSK-A100 | 25,0 0.984 | 160,0 6.299 | 131,0 5.157 | 161,0 6.339 | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | 87,5 3.445 | 210,0 8.268 | 103,0 4.055 | 113,0 4.449 | 25,0 0.984 | M16x1 | 4,5 | | 1 | G2.5 | 5,3 11.680 | |
| BT JIS | E9306560025200 | 02845509 | HSK-A100 | 25,0 0.984 | 200,0 7.874 | 171,0 6.732 | 58,0 2.283 | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | 87,5 3.445 | 250,0 9.843 | 143,0 5.630 | 153,0 6.024 | 25,0 0.984 | M16x1 | 4,5 | | 1 | G2.5 | 6,5 14.330 | |
| | E9306560032115 | 02845491 | HSK-A100 | 32,0 1.260 | 115,0 4.528 | 86,0 3.386 | - | 62,5 2.461 | 51,0 2.008 | 48,0 1.890 | 57,1 2.249 | 87,5 3.445 | 165,0 6.496 | 54,0 2.126 | 64,0 2.520 | 25,0 0.984 | M16x1 | 4,5 | | 1 | G2.5 | 3,7 8.160 | |
| | E9306560032160 | 02845500 | HSK-A100 | 32,0 1.260 | 160,0 6.299 | 131,0 5.157 | 58,0 2.283 | 62,5 2.461 | 51,0 2.008 | 48,0 1.890 | 57,1 2.249 | 87,5 3.445 | 210,0 8.268 | 99,0 3.898 | 109,0 4.291 | 25,0 0.984 | M16x1 | 4,5 | | 1 | G2.5 | 5,1 11.240 | |

Accessories

| For | Balancing screws |
|-----|------------------|
| All | 90ZQ01 |



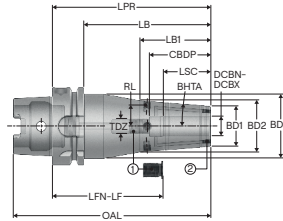
Spare Parts, included in delivery

| For | Sealing plugs | Stop screw |
|--|---------------|------------|
| 6/ 0.236 | 90AI03 | 19BDR05165 |
| 6/ 0.236 (.....670) | 90AI03 | - |
| 8/ 0.315 | 90AI03 | 19BDR06165 |
| 8/ 0.315 (.....870) | 90AI03 | - |
| 10/ 0.394 | 90AI03 | 19BDR08165 |
| 10/ 0.394 (.....070) | 90AI03 | - |
| 12/ 0.472 | 90AI03 | 19BDR10165 |
| 12/ 0.472 (.....270) | 90AI03 | - |
| 16/ 0.630 | 90AI03 | 19BDR12165 |
| 16/ 0.630 (.....675) | 90AI03 | - |
| 20/ 0.787-32/ 1.260 | 90AI04 | 19BDR16165 |
| 20/ 0.787-32/ 1.260 (.....075,285,585) | 90AI04 | - |



Reinforced type
- Inch

HSK-A/ ISO 12164-1-A



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- * Holder without thread for a stop screw
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA° | * | RFID hole | Balancing | Weight |
|-----------------|-------------|----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | | lbs |
| E93045600050275 | 02904841 | HSK-A63 | 0.500 | 2.750 | 1.726 | - | 1.811 | 1.339 | 1.063 | 1.385 | - | 4.010 | 0.939 | 1.333 | 0.531 | - | 4,5 | * | 1 | G2.5 | 1.980 |
| E93045600062300 | 02904842 | HSK-A63 | 0.625 | 3.000 | 1.976 | - | 1.988 | 1.535 | 1.299 | 1.659 | - | 4.260 | 1.071 | 1.465 | 0.669 | - | 4,5 | * | 1 | G2.5 | 2.200 |
| E93045600075300 | 02904843 | HSK-A63 | 0.750 | 3.000 | 1.976 | - | 1.988 | 1.614 | 1.732 | 2.092 | - | 4.260 | 0.992 | 1.386 | 0.846 | M16x1 | 4,5 | * | 1 | G2.5 | 2.870 |
| E93065600075412 | 02904844 | HSK-A100 | 0.750 | 4.125 | 2.983 | - | 2.067 | 1.614 | 1.732 | 2.092 | - | 6.094 | 2.117 | 2.511 | 0.846 | M16x1 | 4,5 | | 1 | G2.5 | 6.610 |
| E93065600100450 | 02904845 | HSK-A100 | 1.000 | 4.500 | 3.358 | 2.283 | 2.303 | 1.850 | 1.890 | 2.249 | 3.445 | 6.469 | 2.256 | 2.650 | 0.984 | M16x1 | 4,5 | | 1 | G2.5 | 8.600 |
| E93065600125450 | 02904846 | HSK-A100 | 1.250 | 4.500 | 3.358 | 2.283 | 2.461 | 2.008 | 1.890 | 2.249 | 3.445 | 6.469 | 2.098 | 2.492 | 0.984 | M16x1 | 4,5 | | 1 | G2.5 | 8.160 |

Accessories

| For | Balancing screws |
|-----|------------------|
| All | 90ZQ01 |



Spare Parts, included in delivery

| For | Sealing plugs | Stop screw |
|-----------------------|---------------|------------|
| HSK-A63 | 90AI03 | - |
| HSK-A63, DCBN = 0.750 | 90AI04 | - |
| HSK-A100 | 90AI04 | 19BDR16165 |



Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Reinforced type
- Metric/ Inch

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

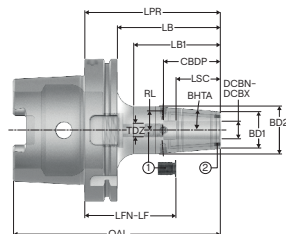
Others

Operating & setting accessories

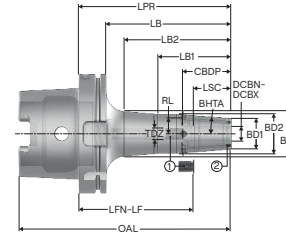
Shrinkfit



Design 1



Design 2



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

- Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | LB2 | CBDP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | TDZ | BHTA° | RFID | | | Balancing | Weight | |
|----------------------|-------------|----------|---------------|----------------|----------------|---------------|-----------------|---------------|---------------|---------------|---------------|----------------|-----------------|----------------|----------------|-------|-------|--------|------|--------|---------------|--------|-----|
| | | | | | | | | | | | | | | | | | | Design | hole | Design | | | |
| | | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg |
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | lbs |
| HSKA125-SFR16-120-F6 | 03252951 | HSK-A125 | 16,0 0.630 | 120,0 4.724 | 91,0 3.583 | 75,0 2.953 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | - | 183,0 7.205 | 71,0 2.795 | 81,0 3.189 | M12x1 | 4,5 | 1 | 1 | PB | 4,1 9.040 | | |
| HSKA125-SFR16-160-F6 | 03252952 | HSK-A125 | 16,0 0.630 | 160,0 6.299 | 131,0 5.157 | 75,0 2.953 | 112,74 4.439 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 47,84 1.883 | 223,0 8.780 | 111,0 4.370 | 121,0 4.764 | M12x1 | 4,5 | 2 | 1 | PB | 4,6 10.140 | | |
| HSKA125-SFR16-200-F6 | 03252953 | HSK-A125 | 16,0 0.630 | 200,0 7.874 | 171,0 6.732 | 75,0 2.953 | 152,74 6.013 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 54,84 2.159 | 263,0 10.354 | 151,0 5.945 | 161,0 6.339 | M12x1 | 4,5 | 2 | 1 | PB | 5,3 11.680 | | |
| HSKA125-SFR20-120-F6 | 03252954 | HSK-A125 | 20,0 0.787 | 120,0 4.724 | 91,0 3.583 | 80,0 3.150 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,0 2.087 | - | 183,0 7.205 | 69,0 2.717 | 79,0 3.110 | M16x1 | 4,5 | 1 | 1 | PB | 4,5 9.920 | | |
| HSKA125-SFR20-160-F6 | 03252955 | HSK-A125 | 20,0 0.787 | 160,0 6.299 | 131,0 5.157 | 80,0 3.150 | 112,74 4.439 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,0 2.087 | 57,97 2.282 | 223,0 8.780 | 109,0 4.291 | 119,0 4.685 | M16x1 | 4,5 | 2 | 1 | PB | 5,4 11.900 | | |
| HSKA125-SFR20-200-F6 | 03252956 | HSK-A125 | 20,0 0.787 | 200,0 7.874 | 171,0 6.732 | 80,0 3.150 | 152,74 6.013 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,0 2.087 | 64,96 2.557 | 263,0 10.354 | 149,0 5.866 | 159,0 6.260 | M16x1 | 4,5 | 2 | 1 | PB | 6,3 13.890 | | |
| HSKA125-SFR25-120-F6 | 03252957 | HSK-A125 | 25,0 0.984 | 120,0 4.724 | 91,0 3.583 | 85,0 3.346 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,0 2.244 | - | 183,0 7.205 | 63,0 2.480 | 73,0 2.874 | M16x1 | 4,5 | 1 | 1 | PB | 4,6 10.140 | | |

Accessories

For Balancing screws



All 90ZQ01

Spare Parts, included in delivery

For Sealing plugs Stop screw



16/ 0.630 90AI03 19BDR12165

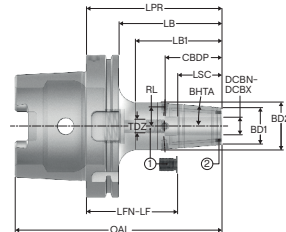
20/ 0.787-25/ 0.984 90AI04 19BDR16165

Reinforced type
- Inch

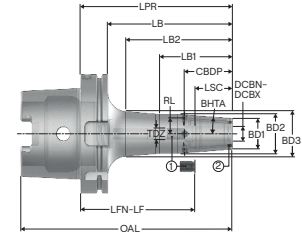
HSK-A/ ISO12164-1-HSK-A



Design 1



Design 2



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- * Holder without thread for a stop screw
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

- Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | LB2 | CBDP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | TDZ | BHTA° | * Design | RFID hole | Balancing | Weight | |
|---------------------------|-------------|----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-----------|-----------|--------|-------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs | |
| HSKA125-SFR0.625-4.000 | 03229695 | HSK-A125 | 0.750 | 4.000 | 2.858 | - | - | 1.988 | 1.535 | 1.299 | 1.659 | - | 6.480 | 2.071 | 2.465 | M12x1 | 4,5 | 1 | 1 | PB | 8.600 | |
| HSKA125-SFR0.625-6.250-F6 | 03252958 | HSK-A125 | 0.750 | 6.250 | 5.108 | 2.953 | 4.389 | 1.988 | 1.535 | 1.299 | 1.654 | 1.875 | 8.730 | 4.321 | 4.715 | M12x1 | 4,5 | 2 | 1 | PB | 10.360 | |
| HSKA125-SFR0.750-4.000 | 03229697 | HSK-A125 | 0.750 | 4.000 | 2.858 | - | - | 2.067 | 1.614 | 1.732 | 2.092 | - | 6.480 | 1.992 | 2.386 | M16x1 | 4,5 | * | 1 | 1 | PB | 9.920 |
| HSKA125-SFR0.750-6.250-F6 | 03252959 | HSK-A125 | 0.750 | 6.250 | 5.108 | 3.150 | 4.389 | 2.067 | 1.614 | 1.732 | 2.087 | 2.274 | 8.730 | 4.242 | 4.636 | M16x1 | 4,5 | 2 | 1 | PB | 11.680 | |
| HSKA125-SFR1.000-4.500 | 03229699 | HSK-A125 | 1.000 | 4.500 | 3.358 | 2.283 | - | 2.303 | 1.850 | 1.890 | 2.249 | 4.350 | 6.980 | 2.256 | 2.650 | M16x1 | 4,5 | 1 | 1 | PB | 12.570 | |
| HSKA125-SFR1.000-6.250-F6 | 03252960 | HSK-A125 | 1.000 | 6.250 | 5.108 | 3.346 | 4.389 | 2.303 | 1.850 | 1.890 | 2.244 | 2.396 | 8.730 | 4.006 | 4.400 | M16x1 | 4,5 | 2 | 1 | PB | 12.350 | |
| HSKA125-SFR1.250-4.750-F6 | 03252961 | HSK-A125 | 1.250 | 4.750 | 3.608 | 3.346 | - | 2.461 | 2.008 | 1.890 | 2.244 | - | 7.230 | 2.348 | 2.742 | M16x1 | 4,5 | 1 | 1 | PB | 10.140 | |

Accessories

For Balancing screws

All 90ZQ01

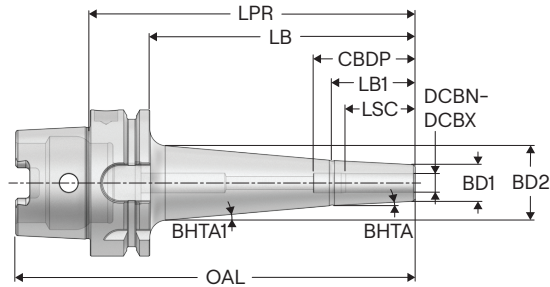
Spare Parts, included in delivery

| For | Sealing plugs | Stop screw |
|-----------------------------|---------------|------------|
| ...-SFR0.625 | 90AI04 | 19BDR12165 |
| ...-SFR0.750 - ...-SFR1.250 | 90AI04 | 19BDR16165 |
| ...-SFR0.750 -4.000 | 90AI04 | - |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Mold and Die type
- Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



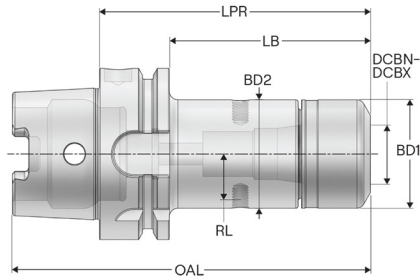
- Run-out ≤3 μm
- For Shrinkfit extensions, see page(s) 357-358
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDB | LSC | BD1 | BD2 | OAL | BHTA° | BHTA1° | RFID hole | Balancing | Weight | |
|----------------|-------------|----------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|--------------|-----|
| | | | | | | | | | | | | | | | | kg | lbs |
| E930258010370 | 00039384 | HSK-A40 | 3,0 0.118 | 70,0 2.756 | 50,0 1.969 | 50,0 1.969 | - | 13,0 0.512 | 9,0 0.354 | 16,0 0.630 | 90,0 3.543 | 3,0 | 5,0 | 0 | G2.5 | 0,3 0.660 | |
| E9302580103100 | 00047886 | HSK-A40 | 3,0 0.118 | 100,0 3.937 | 80,0 3.150 | 25,0 0.984 | - | 13,0 0.512 | 9,0 0.354 | 21,2 0.836 | 120,0 4.724 | 3,0 | 5,0 | 0 | G2.5 | 0,4 0.880 | |
| E930258010470 | 00039386 | HSK-A40 | 4,0 0.157 | 70,0 2.756 | 50,0 1.969 | 25,0 0.984 | - | 15,0 0.591 | 10,0 0.394 | 17,0 0.669 | 90,0 3.543 | 3,0 | 5,0 | 0 | G2.5 | 0,3 0.660 | |
| E930258010670 | 00039402 | HSK-A40 | 6,0 0.236 | 70,0 2.756 | 50,0 1.969 | 50,0 1.969 | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 18,5 0.728 | 90,0 3.543 | 3,0 | 5,0 | 0 | G2.5 | 0,3 0.660 | |
| E9304580103100 | 00096470 | HSK-A63 | 3,0 0.118 | 100,0 3.937 | 74,0 2.913 | 25,0 0.984 | - | 13,0 0.512 | 9,0 0.354 | 20,2 0.795 | 132,0 5.197 | 3,0 | 5,0 | 1 | G2.5 | 0,8 1.760 | |
| E9304580103140 | 00096471 | HSK-A63 | 3,0 0.118 | 140,0 5.512 | 114,0 4.488 | 25,0 0.984 | - | 13,0 0.512 | 9,0 0.354 | 27,2 1.071 | 172,0 6.772 | 3,0 | 5,0 | 1 | G2.5 | 0,9 1.980 | |
| E9304580104100 | 00096472 | HSK-A63 | 4,0 0.157 | 100,0 3.937 | 74,0 2.913 | 25,0 0.984 | - | 15,0 0.591 | 10,0 0.394 | 21,2 0.834 | 132,0 5.197 | 3,0 | 5,0 | 1 | G2.5 | 0,8 1.760 | |
| E9304580104140 | 00096473 | HSK-A63 | 4,0 0.157 | 140,0 5.512 | 114,0 4.488 | 25,0 0.984 | - | 15,0 0.591 | 10,0 0.394 | 28,2 1.110 | 172,0 6.772 | 3,0 | 5,0 | 1 | G2.5 | 0,9 1.980 | |
| E9304580105100 | 00096474 | HSK-A63 | 5,0 0.197 | 100,0 3.937 | 74,0 2.913 | 25,0 0.984 | - | 18,0 0.709 | 11,0 0.433 | 22,2 0.874 | 132,0 5.197 | 3,0 | 5,0 | 1 | G2.5 | 0,8 1.760 | |
| E9304580105140 | 00096475 | HSK-A63 | 5,0 0.197 | 140,0 5.512 | 114,0 4.488 | 25,0 0.984 | - | 18,0 0.709 | 11,0 0.433 | 29,2 1.149 | 172,0 6.772 | 3,0 | 5,0 | 1 | G2.5 | 0,9 1.980 | |
| E9304580106100 | 00096476 | HSK-A63 | 6,0 0.236 | 100,0 3.937 | 74,0 2.913 | 32,0 1.260 | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 22,7 0.894 | 132,0 5.197 | 3,0 | 5,0 | 1 | G2.5 | 0,8 1.760 | |
| E9304580106140 | 00096477 | HSK-A63 | 6,0 0.236 | 140,0 5.512 | 114,0 4.488 | 32,0 1.260 | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 29,7 1.169 | 172,0 6.772 | 3,0 | 5,0 | 1 | G2.5 | 1,0 2.200 | |
| E9304580108100 | 00096478 | HSK-A63 | 8,0 0.315 | 100,0 3.937 | 74,0 2.913 | 36,0 1.417 | 44,0 1.732 | 30,0 1.181 | 16,0 0.630 | 26,4 1.040 | 132,0 5.197 | 3,0 | 5,0 | 1 | G2.5 | 0,9 1.980 | |
| E9304580108140 | 00096479 | HSK-A63 | 8,0 0.315 | 140,0 5.512 | 114,0 4.488 | 36,0 1.417 | 44,0 1.732 | 30,0 1.181 | 16,0 0.630 | 33,4 1.316 | 172,0 6.772 | 3,0 | 5,0 | 1 | G2.5 | 1,1 2.430 | |
| E9304580110120 | 00096480 | HSK-A63 | 10,0 0.394 | 120,0 4.724 | 94,0 3.701 | 38,0 1.496 | 45,0 1.772 | 32,0 1.260 | 18,0 0.709 | 31,8 1.251 | 152,0 5.984 | 3,0 | 5,0 | 1 | G2.5 | 1,0 2.200 | |
| E9304580110160 | 00096482 | HSK-A63 | 10,0 0.394 | 160,0 6.299 | 134,0 5.276 | 38,0 1.496 | 45,0 1.772 | 32,0 1.260 | 18,0 0.709 | 38,8 1.527 | 192,0 7.559 | 3,0 | 5,0 | 1 | G2.5 | 1,3 2.870 | |
| E9304580112130 | 00096764 | HSK-A63 | 12,0 0.472 | 130,0 5.118 | 104,0 4.094 | 40,0 1.575 | 46,0 1.811 | 34,0 1.339 | 20,0 0.787 | 35,4 1.393 | 162,0 6.378 | 3,0 | 5,0 | 1 | G2.5 | 1,1 2.430 | |
| E9304580112170 | 00096484 | HSK-A63 | 12,0 0.472 | 170,0 6.693 | 144,0 5.669 | 40,0 1.575 | 46,0 1.811 | 34,0 1.339 | 20,0 0.787 | 42,4 1.669 | 202,0 7.953 | 3,0 | 5,0 | 1 | G2.5 | 1,5 3.310 | |
| E9304580114180 | 00096487 | HSK-A63 | 14,0 0.551 | 180,0 7.087 | 154,0 6.063 | 40,0 1.575 | 48,0 1.890 | 34,0 1.339 | 22,0 0.866 | 46,1 1.817 | 212,0 8.346 | 3,0 | 5,0 | 1 | G2.5 | 1,7 3.750 | |
| E9304580116150 | 00099665 | HSK-A63 | 16,0 0.630 | 150,0 5.906 | 124,0 4.882 | 45,0 1.772 | 52,0 2.047 | 38,0 1.496 | 24,0 0.945 | 42,5 1.675 | 182,0 7.165 | 3,0 | 5,0 | 1 | G2.5 | 1,4 3.090 | |
| E9304580116190 | 00099666 | HSK-A63 | 16,0 0.630 | 190,0 7.480 | 164,0 6.457 | 45,0 1.772 | 52,0 2.047 | 38,0 1.496 | 24,0 0.945 | 49,5 1.950 | 222,0 8.740 | 3,0 | 5,0 | 1 | G2.5 | 1,9 4.190 | |
| E9306580106160 | 00096461 | HSK-A100 | 6,0 0.236 | 160,0 6.299 | 131,0 5.157 | 131,0 5.157 | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 32,7 1.286 | 210,0 8.268 | 3,0 | 5,0 | 1 | G2.5 | 2,3 5.070 | |

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | LSC | BD1 | BD2 | OAL | BHTA° | BHTA1° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| E9306580108160 | 00096462 | HSK-A100 | 8,0 0.315 | 160,0 6.299 | 131,0 5.157 | 36,0 1.417 | 44,0 1.732 | 30,0 1.181 | 16,0 0.630 | 36,4 1.433 | 210,0 8.268 | 3,0 | 5,0 | 1 | G2.5 | 2,5 5.510 |
| E9306580110180 | 00096463 | HSK-A100 | 10,0 0.394 | 180,0 7.087 | 151,0 5.945 | 38,0 1.496 | 45,0 1.772 | 32,0 1.260 | 18,0 0.709 | 41,8 1.644 | 230,0 9.055 | 3,0 | 5,0 | 1 | G2.5 | 2,7 5.950 |
| E9306580112180 | 00096464 | HSK-A100 | 12,0 0.472 | 180,0 7.087 | 151,0 5.945 | 40,0 1.575 | 46,0 1.811 | 34,0 1.339 | 20,0 0.787 | 43,6 1.717 | 230,0 9.055 | 3,0 | 5,0 | 1 | G2.5 | 2,76 6.080 |
| E9306580114180 | 00096465 | HSK-A100 | 14,0 0.551 | 180,0 7.087 | 151,0 5.945 | 151,0 5.945 | 48,0 1.890 | 34,0 1.339 | 22,0 0.866 | 45,6 1.796 | 230,0 9.055 | 3,0 | 5,0 | 1 | G2.5 | 2,9 6.390 |
| E9306580116200 | 00096468 | HSK-A100 | 16,0 0.630 | 200,0 7.874 | 171,0 6.732 | 45,0 1.772 | 52,0 2.047 | 38,0 1.496 | 24,0 0.945 | 50,8 1.999 | 250,0 9.843 | 3,0 | 5,0 | 1 | G2.5 | 3,24 7.140 |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

- Metric/ Inch


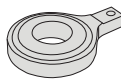



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX
- Suffix « H » at end of the description: designed with 4 threaded holes for balancing screws
- For ER HP collets type 5672, see page(s) 389, 390, 391-397
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For stop screws, see instructions at www.secotools.com
- * Holder prepared for MQL1 screws (see accessories)
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | Chuck & Collet Size | LPR | BD2 | RL | BD1 | OAL | LB | * | RFID hole | Balancing | Weight |
|----------------------|-------------|---------|--------------|---------------|---------------------|----------------|---------------|---------------|---------------|----------------|----------------|---|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | kg |
| | | | mm | mm | | mm | mm | mm | mm | mm | mm | | | | kg |
| | | | inch | inch | | inch | inch | inch | inch | inch | inch | | | | lbs |
| HSKA32-ERHP11R-040 | 10359285 | HSK-A32 | 1,0 0.039 | 7,0 0.276 | HP 11R | 40,0 1.575 | 16,0 0.630 | - | 16,0 0.630 | 56,0 2.205 | 20,0 0.787 | | 0 | G2.5 | 0,2 0.440 |
| HSKA32-ERHP16R-050 | 10359286 | HSK-A32 | 1,0 0.039 | 10,0 0.394 | HP 16R | 50,0 1.969 | 22,0 0.866 | - | 22,0 0.866 | 66,0 2.598 | 30,0 1.181 | | 0 | G2.5 | 0,2 0.440 |
| HSKA32-ERHP16R-100 | 10359287 | HSK-A32 | 1,0 0.039 | 10,0 0.394 | HP 16R | 100,0 3.937 | 22,0 0.866 | - | 22,0 0.866 | 116,0 4.567 | 80,0 3.150 | | 0 | G2.5 | 0,3 0.660 |
| HSKA40-ERHP11R-060 | 10359288 | HSK-A40 | 1,0 0.039 | 7,0 0.276 | HP 11R | 60,0 2.362 | 16,0 0.630 | - | 16,0 0.630 | 80,0 3.150 | 40,0 1.575 | | 0 | G2.5 | 0,3 0.660 |
| HSKA40-ERHP11R-130 | 10359289 | HSK-A40 | 1,0 0.039 | 7,0 0.276 | HP 11R | 130,0 5.118 | 16,0 0.630 | - | 16,0 0.630 | 150,0 5.906 | 110,0 4.331 | | 0 | G2.5 | 0,4 0.880 |
| HSKA40-ERHP16-060 | 10359290 | HSK-A40 | 1,0 0.039 | 10,0 0.394 | HP 16 | 60,0 2.362 | 30,0 1.181 | - | 30,0 1.181 | 80,0 3.150 | 40,0 1.575 | | 0 | G2.5 | 0,4 0.880 |
| HSKA40-ERHP16-100 | 10359291 | HSK-A40 | 1,0 0.039 | 10,0 0.394 | HP 16 | 100,0 3.937 | 30,0 1.181 | - | 30,0 1.181 | 120,0 4.724 | 80,0 3.150 | | 0 | G2.5 | 0,6 1.320 |
| HSKA50-ERHP16-060 | 10359292 | HSK-A50 | 1,0 0.039 | 10,0 0.394 | HP 16 | 60,0 2.362 | 30,0 1.181 | - | 30,0 1.181 | 85,0 3.346 | 34,0 1.339 | | 1 | G2.5 | 0,5 1.100 |
| HSKA50-ERHP25-060 | 10359293 | HSK-A50 | 1,0 0.039 | 16,0 0.630 | HP 25 | 60,0 2.362 | 40,0 1.575 | - | 40,0 1.575 | 85,0 3.346 | 34,0 1.339 | | 1 | G2.5 | 0,6 1.320 |
| HSKA50-ERHP32-070 | 10359294 | HSK-A50 | 2,0 0.079 | 20,0 0.787 | HP 32 | 70,0 2.756 | 41,5 1.634 | - | 50,0 1.969 | 95,0 3.740 | 44,0 1.732 | | 1 | G2.5 | 0,7 1.540 |
| HSKA63-ERHP11R-070 | 10359295 | HSK-A63 | 1,0 0.039 | 7,0 0.276 | HP 11R | 70,0 2.756 | 16,0 0.630 | - | 16,0 0.630 | 102,0 4.016 | 44,0 1.732 | | 1 | G2.5 | 0,7 1.540 |
| HSKA63-ERHP11R-100 | 10359296 | HSK-A63 | 1,0 0.039 | 7,0 0.276 | HP 11R | 100,0 3.937 | 16,0 0.630 | - | 16,0 0.630 | 132,0 5.197 | 74,0 2.913 | | 1 | G2.5 | 0,8 1.760 |
| HSKA63-ERHP11R-130 | 10359297 | HSK-A63 | 1,0 0.039 | 7,0 0.276 | HP 11R | 130,0 5.118 | 16,0 0.630 | - | 16,0 0.630 | 162,0 6.378 | 104,0 4.094 | | 1 | G2.5 | 0,8 1.760 |
| HSKA63-ERHP11R-160 | 10359298 | HSK-A63 | 1,0 0.039 | 7,0 0.276 | HP 11R | 160,0 6.299 | 16,0 0.630 | - | 16,0 0.630 | 192,0 7.559 | 134,0 5.276 | | 1 | G2.5 | 0,9 1.980 |
| HSKA63-ERHP16-055-H | 10359299 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16 | 55,0 2.165 | 30,0 1.181 | 24,0 0.945 | 30,0 1.181 | 87,0 3.425 | 29,0 1.142 | | 1 | G2.5 | 0,8 1.760 |
| HSKA63-ERHP16-100-H | 10359300 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16 | 100,0 3.937 | 30,0 1.181 | 24,0 0.945 | 30,0 1.181 | 132,0 5.197 | 74,0 2.913 | * | 1 | G2.5 | 1,0 2.200 |
| HSKA63-ERHP16R-100-H | 10359301 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16R | 100,0 3.937 | 22,0 0.866 | 22,5 0.886 | 22,0 0.866 | 132,0 5.197 | 74,0 2.913 | * | 1 | G2.5 | 0,8 1.760 |
| HSKA63-ERHP16-130-H | 10359302 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16 | 130,0 5.118 | 30,0 1.181 | 24,0 0.945 | 30,0 1.181 | 162,0 6.378 | 104,0 4.094 | * | 1 | G2.5 | 1,2 2.650 |
| HSKA63-ERHP16R-130-H | 10359303 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16R | 130,0 5.118 | 22,0 0.866 | 22,5 0.886 | 22,0 0.866 | 162,0 6.378 | 104,0 4.094 | * | 1 | G2.5 | 0,9 1.980 |
| HSKA63-ERHP16-160-H | 10359304 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16 | 160,0 6.299 | 30,0 1.181 | 24,0 0.945 | 30,0 1.181 | 192,0 7.559 | 134,0 5.276 | * | 1 | G2.5 | 1,3 2.870 |

| Designation | Item number | CTMS | DCBN | DCBX | Chuck & Collet Size | LPR | BD2 | RL | BD1 | OAL | LB | * | RFID hole | Balancing | Weight |
|----------------------|-------------|----------|--------------|---------------|---------------------|----------------|---------------|---------------|---------------|----------------|----------------|---|-----------|-----------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| HSKA63-ERHP16R-160-H | 10359305 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16R | 160,0 6.299 | 22,0 0.866 | 22,5 0.886 | 22,0 0.866 | 192,0 7.559 | 134,0 5.276 | * | 1 | G2.5 | 1,0 2.200 |
| HSKA63-ERHP16-200 | 10359306 | HSK-A63 | 1,0 0.039 | 10,0 0.394 | HP 16 | 200,0 7.874 | 30,0 1.181 | - | 30,0 1.181 | 232,0 9.134 | 174,0 6.850 | * | 1 | G2.5 | 1,5 3.310 |
| HSKA63-ERHP20-060-H | 10359307 | HSK-A63 | 1,0 0.039 | 13,0 0.512 | HP 20 | 60,0 2.362 | 32,0 1.260 | 22,5 0.886 | 32,0 1.260 | 92,0 3.622 | 34,0 1.339 | | 1 | G2.5 | 0,8 1.760 |
| HSKA63-ERHP20-100-H | 10359308 | HSK-A63 | 1,0 0.039 | 13,0 0.512 | HP 20 | 100,0 3.937 | 32,0 1.260 | 22,5 0.886 | 32,0 1.260 | 132,0 5.197 | 74,0 2.913 | * | 1 | G2.5 | 1,0 2.200 |
| HSKA63-ERHP25-060-H | 10359309 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | HP 25 | 60,0 2.362 | 40,0 1.575 | 26,0 1.024 | 40,0 1.575 | 92,0 3.622 | 34,0 1.339 | | 1 | G2.5 | 0,9 1.980 |
| HSKA63-ERHP25-100-H | 10359310 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | HP 25 | 100,0 3.937 | 40,0 1.575 | 17,0 0.669 | 40,0 1.575 | 132,0 5.197 | 74,0 2.913 | * | 1 | G2.5 | 1,2 2.650 |
| HSKA63-ERHP25-130-H | 10359311 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | HP 25 | 130,0 5.118 | 40,0 1.575 | 17,0 0.669 | 40,0 1.575 | 162,0 6.378 | 104,0 4.094 | * | 1 | G2.5 | 1,5 3.310 |
| HSKA63-ERHP25-160-H | 10359312 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | HP 25 | 160,0 6.299 | 40,0 1.575 | 17,0 0.669 | 40,0 1.575 | 192,0 7.559 | 134,0 5.276 | * | 1 | G2.5 | 1,8 3.970 |
| HSKA63-ERHP25-200 | 10359313 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | HP 25 | 200,0 7.874 | 40,0 1.575 | - | 40,0 1.575 | 232,0 9.134 | 174,0 6.850 | * | 1 | G2.5 | 2,2 4.850 |
| HSKA63-ERHP32-070-H | 10359314 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | HP 32 | 70,0 2.756 | 50,0 1.969 | 22,0 0.866 | 50,0 1.969 | 102,0 4.016 | 44,0 1.732 | | 1 | G2.5 | 1,1 2.430 |
| HSKA63-ERHP32-100-H | 10359315 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | HP 32 | 100,0 3.937 | 50,0 1.969 | 22,0 0.866 | 50,0 1.969 | 132,0 5.197 | 74,0 2.913 | * | 1 | G2.5 | 1,5 3.310 |
| HSKA63-ERHP32-130-H | 10359316 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | HP 32 | 130,0 5.118 | 50,0 1.969 | 22,0 0.866 | 50,0 1.969 | 162,0 6.378 | 104,0 4.094 | * | 1 | G2.5 | 1,9 4.190 |
| HSKA63-ERHP32-160-H | 10359317 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | HP 32 | 160,0 6.299 | 50,0 1.969 | 22,0 0.866 | 50,0 1.969 | 192,0 7.559 | 134,0 5.276 | * | 1 | G2.5 | 2,4 5.290 |
| HSKA63-ERHP32-200 | 10359318 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | HP 32 | 200,0 7.874 | 50,0 1.969 | - | 50,0 1.969 | 232,0 9.134 | 174,0 6.850 | * | 1 | G2.5 | 3,0 6.610 |
| HSKA100-ERHP25-100 | 10359319 | HSK-A100 | 1,0 0.039 | 16,0 0.630 | HP 25 | 100,0 3.937 | 40,0 1.575 | - | 40,0 1.575 | 150,0 5.906 | 71,0 2.795 | * | 1 | G2.5 | 2,6 5.730 |
| HSKA100-ERHP25-160 | 10359320 | HSK-A100 | 1,0 0.039 | 16,0 0.630 | HP 25 | 160,0 6.299 | 40,0 1.575 | - | 40,0 1.575 | 210,0 8.268 | 131,0 5.157 | * | 1 | G2.5 | 3,1 6.830 |
| HSKA100-ERHP32-100 | 10359321 | HSK-A100 | 2,0 0.079 | 20,0 0.787 | HP 32 | 100,0 3.937 | 50,0 1.969 | - | 50,0 1.969 | 150,0 5.906 | 71,0 2.795 | * | 1 | G2.5 | 2,8 6.170 |
| HSKA100-ERHP32-160 | 10359322 | HSK-A100 | 2,0 0.079 | 20,0 0.787 | HP 32 | 160,0 6.299 | 50,0 1.969 | - | 50,0 1.969 | 210,0 8.268 | 131,0 5.157 | * | 1 | G2.5 | 3,7 8.160 |
| HSKA100-ERHP32-200 | 10359323 | HSK-A100 | 2,0 0.079 | 20,0 0.787 | HP 32 | 200,0 7.874 | 50,0 1.969 | - | 50,0 1.969 | 250,0 9.843 | 171,0 6.732 | * | 1 | G2.5 | 4,3 9.480 |

Accessories

| For | Key | Socket | Torque key |
|---------|---|---|---|
| |  |  |  |
| ERHP11R | 03LME0912140 | 03ER016 | 03DYE003025 |
| ERHP16R | 03LME0912140 | 03ER022 | 03DYE010050 |
| ERHP16 | 03LME1418260 | 03ER030B | 03DYE010100B |
| ERHP20 | 03LME1418260 | 03ER032B | 03DYE010100B |
| ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

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Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

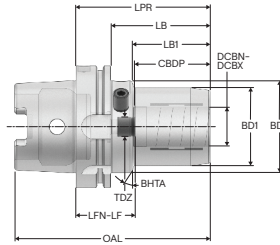
Spare Parts, included in delivery

| Guide | For | Nut |
|---------------------------------|---------|-------------|
| HSK-A | ERHP11R | 08B567211RC |
| | ERHP16R | 08B567216RC |
| | ERHP16 | 08B567216C |
| | ERHP20 | 08B567220C |
| | ERHP25 | 08B567225C |
| HSK-E | ERHP32 | 08B567232C |
| DIN | | |
| BT JIS | | |
| CAT | | |
| Combimaster | | |
| Graflex | | |
| Seco Capto™ | | |
| Others | | |
| Operating & setting accessories | | |
| Shrinkfit | | |



Conventional type
- Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------|-------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| HSKA63-HC06-070 | 10137261 | HSK-A63 | 6,0 0.236 | 70,0 2.756 | 44,05 1.734 | 24,0 0.945 | 38,5 1.516 | 50,0 1.969 | 26,0 1.024 | 101,9 4.012 | 33,0 1.299 | 43,0 1.693 | M5 | 20,0 | 1 | G2.5 | 1,0 2.200 |
| HSKA63-HC08-070 | 10137262 | HSK-A63 | 8,0 0.315 | 70,0 2.756 | 44,05 1.734 | 25,0 0.984 | 38,5 1.516 | 50,0 1.969 | 28,0 1.102 | 101,9 4.012 | 33,0 1.299 | 43,0 1.693 | M6 | 20,0 | 1 | G2.5 | 1,0 2.200 |
| HSKA63-HC10-080 | 10137263 | HSK-A63 | 10,0 0.394 | 80,0 3.150 | 54,05 2.128 | 35,0 1.378 | 42,5 1.673 | 50,0 1.969 | 30,0 1.181 | 111,9 4.406 | 39,0 1.535 | 49,0 1.929 | M8x1 | 20,0 | 1 | G2.5 | 1,1 2.430 |
| HSKA63-HC12-085 | 10137264 | HSK-A63 | 12,0 0.472 | 85,0 3.346 | 59,05 2.325 | 40,0 1.575 | 47,5 1.870 | 50,0 1.969 | 32,0 1.260 | 116,9 4.602 | 39,0 1.535 | 49,0 1.929 | M10x1 | 20,0 | 1 | G2.5 | 1,1 2.430 |
| HSKA63-HC14-085 | 10137265 | HSK-A63 | 14,0 0.551 | 85,0 3.346 | 59,05 2.325 | 40,0 1.575 | 47,5 1.870 | 50,0 1.969 | 34,0 1.339 | 116,9 4.602 | 39,0 1.535 | 49,0 1.929 | M10x1 | 20,0 | 1 | G2.5 | 1,1 2.430 |
| HSKA63-HC16-090 | 10137266 | HSK-A63 | 16,0 0.630 | 90,0 3.543 | 64,05 2.522 | 46,0 1.811 | 50,5 1.988 | 50,0 1.969 | 38,0 1.496 | 121,9 4.799 | 41,0 1.614 | 51,0 2.008 | M12x1 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| HSKA63-HC20-090 | 10137267 | HSK-A63 | 20,0 0.787 | 90,0 3.543 | 64,05 2.522 | 48,0 1.890 | 52,5 2.067 | 50,0 1.969 | 42,0 1.654 | 121,9 4.799 | 39,0 1.535 | 49,0 1.929 | M16x1 | 20,0 | 1 | G2.5 | 1,3 2.870 |
| HSKA63-HC25-120 | 10137268 | HSK-A63 | 25,0 0.984 | 120,0 4.724 | 94,05 3.703 | - | 58,5 2.303 | - | 57,0 2.244 | 151,9 5.980 | 63,0 2.480 | 73,0 2.874 | M16x1 | - | 1 | G2.5 | 2,1 4.630 |
| HSKA63-HC32-125 | 10137269 | HSK-A63 | 32,0 1.260 | 125,0 4.921 | 99,05 3.900 | 82,8 3.260 | 62,5 2.461 | 50,0 1.969 | 62,0 2.441 | 156,9 6.177 | 64,0 2.520 | 74,0 2.913 | M16x1 | - | 1 | G2.5 | 2,4 5.290 |
| HSKA100-HC12-095 | 10137270 | HSK-A100 | 12,0 0.472 | 95,0 3.740 | 66,05 2.600 | 47,0 1.850 | 47,5 1.870 | 50,3 1.978 | 32,0 1.260 | 144,9 5.705 | 49,0 1.929 | 59,0 2.323 | M10x1 | 20,0 | 1 | G2.5 | 2,5 5.510 |
| HSKA100-HC16-100 | 10137271 | HSK-A100 | 16,0 0.630 | 100,0 3.937 | 71,05 2.797 | 53,0 2.087 | 50,5 1.988 | 50,3 1.978 | 38,0 1.496 | 149,9 5.902 | 51,0 2.008 | 61,0 2.402 | M12x1 | 20,0 | 1 | G2.5 | 2,6 5.730 |
| HSKA100-HC20-105 | 10137272 | HSK-A100 | 20,0 0.787 | 105,0 4.134 | 76,05 2.994 | 59,0 2.323 | 52,5 2.067 | 50,3 1.978 | 42,0 1.654 | 154,9 6.098 | 54,0 2.126 | 64,0 2.520 | M16x1 | 20,0 | 1 | G2.5 | 2,7 5.950 |
| HSKA100-HC25-110 | 10137273 | HSK-A100 | 25,0 0.984 | 110,0 4.331 | 81,05 3.191 | 62,0 2.441 | 58,5 2.303 | 63,3 2.490 | 57,0 2.244 | 159,9 6.295 | 53,0 2.087 | 63,0 2.480 | M16x1 | 20,0 | 1 | G2.5 | 3,4 7.500 |
| HSKA100-HC32-110 | 10137274 | HSK-A100 | 32,0 1.260 | 110,0 4.331 | 81,05 3.191 | 62,0 2.441 | 62,5 2.461 | 75,3 2.963 | 64,0 2.520 | 159,9 6.295 | 49,0 1.929 | 59,0 2.323 | M16x1 | 20,0 | 1 | G2.5 | 3,7 8.160 |

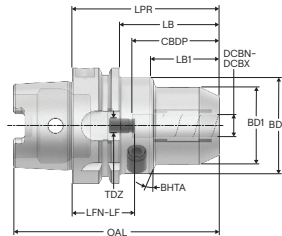
Accessories

| For | Key |
|-----------------------|---------|
| HSKA63, DCBN = 6-20 | H05-4 |
| HSKA63, DCBN = 25-32 | 03MS06L |
| HSKA100, DCBN = 12-20 | H05-4 |
| HSKA100, DCBN = 25-32 | 03MS06L |



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Shrinkfit

Reinforced type
- Metric/ Inch



- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | kg |
| HSKA50-HCR20-094 | 10137148 | HSK-A50 | 20,0 0.787 | 94,0 3.701 | 68,05 2.679 | 51,8 2.039 | 52,5 2.067 | 40,3 1.585 | 42,0 1.654 | 118,9 4.681 | 41,5 1.634 | 41,5 1.634 | - | - | 1 | G2.5 | 1,0 2.200 |
| HSKA63-HCR12-080 | 10137125 | HSK-A63 | 12,0 0.472 | 80,0 3.150 | 54,05 2.128 | 36,5 1.437 | 47,5 1.870 | 52,5 2.067 | 42,0 1.654 | 111,9 4.406 | 34,0 1.339 | 44,0 1.732 | M8x1 | 20,0 | 1 | G2.5 | 1,3 2.870 |
| HSKA63-HCR20-080 | 10137126 | HSK-A63 | 20,0 0.787 | 80,0 3.150 | 54,05 2.128 | - | 52,5 2.067 | - | 52,5 2.067 | 111,9 4.406 | 29,0 1.142 | 39,0 1.535 | M8x1 | - | 1 | G2.5 | 1,4 3.090 |
| HSKA100-HCR20-090 | 10137127 | HSK-A100 | 20,0 0.787 | 90,0 3.543 | 61,05 2.404 | - | 52,5 2.067 | - | 52,5 2.067 | 139,9 5.508 | 39,0 1.535 | 49,0 1.929 | M8x1 | - | 1 | G2.5 | 2,8 6.170 |
| HSKA100-HCR32-100 | 10137128 | HSK-A100 | 32,0 1.260 | 100,0 3.937 | 71,05 2.797 | - | 62,5 2.461 | - | 72,0 2.835 | 149,9 5.902 | 39,0 1.535 | 49,0 1.929 | M8x1 | - | 1 | G2.5 | 3,7 8.160 |

Accessories

| For | Key |
|---------------|---------|
| HSKA50 | H05-4 |
| HSKA63 | H05-4 |
| HSKA100-HCR20 | H05-4 |
| HSKA100-HCR32 | 03MS06L |



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Seco Capto™

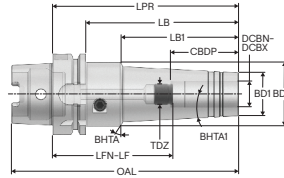
Others

Operating & setting accessories

Shrinkfit

Slim type
- Metric/ Inch

HSK-A/ ISO12164-1-HSK-A



- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | BHTA1° | RFID hole | Balancing | Weight | |
|-------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|--------|-------|--------|-----------|-----------|--------------|-----|
| | | | | | | | | | | | | | | | | | | | mm |
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | | lbs |
| HSKA63-HCS06-145 | 10137328 | HSK-A63 | 6,0 0.236 | 145,0 5.709 | 119,0 4.685 | 90,0 3.543 | 37,0 1.457 | 50,0 1.969 | 20,0 0.787 | 177,0 6.969 | 108,0 4.252 | 118,0 4.646 | M5x0.8 | 30,0 | 3,0 | 1 | G2.5 | 1,4 3.090 | |
| HSKA63-HCS08-145 | 10137329 | HSK-A63 | 8,0 0.315 | 145,0 5.709 | 119,0 4.685 | 90,0 3.543 | 37,0 1.457 | 50,0 1.969 | 22,0 0.866 | 177,0 6.969 | 108,0 4.252 | 118,0 4.646 | M6x1 | 30,0 | 3,0 | 1 | G2.5 | 1,5 3.310 | |
| HSKA63-HCS10-145 | 10137330 | HSK-A63 | 10,0 0.394 | 145,0 5.709 | 119,0 4.685 | 90,0 3.543 | 42,0 1.654 | 50,0 1.969 | 24,0 0.945 | 177,0 6.969 | 103,0 4.055 | 113,0 4.449 | M8x1 | 30,0 | 3,0 | 1 | G2.5 | 1,5 3.310 | |
| HSKA63-HCS12-145 | 10137331 | HSK-A63 | 12,0 0.472 | 145,0 5.709 | 119,0 4.685 | 90,0 3.543 | 49,0 1.929 | 50,0 1.969 | 25,0 0.984 | 177,0 6.969 | 98,0 3.858 | 108,0 4.252 | M10x1 | 30,0 | 3,0 | 1 | G2.5 | 1,5 3.310 | |
| HSKA63-HCS16-145 | 10137332 | HSK-A63 | 16,0 0.630 | 145,0 5.709 | 119,0 4.685 | 90,0 3.543 | 51,0 2.008 | 50,0 1.969 | 32,0 1.260 | 177,0 6.969 | 93,0 3.661 | 103,0 4.055 | M12x1 | 30,0 | 3,0 | 1 | G2.5 | 1,8 3.970 | |
| HSKA63-HCS20-145 | 10137333 | HSK-A63 | 20,0 0.787 | 145,0 5.709 | 119,0 4.685 | 90,0 3.543 | 53,0 2.087 | 50,0 1.969 | 34,0 1.339 | 177,0 6.969 | 93,0 3.661 | 103,0 4.055 | M16x1 | 30,0 | 3,0 | 1 | G2.5 | 1,8 3.970 | |
| HSKA100-HCS06-150 | 10137334 | HSK-A100 | 6,0 0.236 | 150,0 5.906 | 121,0 4.764 | 90,0 3.543 | 37,0 1.457 | 50,0 1.969 | 20,0 0.787 | 200,0 7.874 | 113,0 4.449 | 123,0 4.843 | M5x0.8 | 30,0 | 3,0 | 1 | G2.5 | 2,8 6.170 | |
| HSKA100-HCS08-150 | 10137335 | HSK-A100 | 8,0 0.315 | 150,0 5.906 | 121,0 4.764 | 90,0 3.543 | 37,0 1.457 | 50,0 1.969 | 22,0 0.866 | 200,0 7.874 | 113,0 4.449 | 123,0 4.843 | M6x1 | 30,0 | 3,0 | 1 | G2.5 | 2,9 6.390 | |
| HSKA100-HCS10-150 | 10137336 | HSK-A100 | 10,0 0.394 | 150,0 5.906 | 121,0 4.764 | 90,0 3.543 | 42,5 1.673 | 50,0 1.969 | 24,0 0.945 | 200,0 7.874 | 108,0 4.252 | 118,0 4.646 | M8x1 | 30,0 | 3,0 | 1 | G2.5 | 2,9 6.390 | |
| HSKA100-HCS12-150 | 10137337 | HSK-A100 | 12,0 0.472 | 150,0 5.906 | 121,0 4.764 | 90,0 3.543 | 48,0 1.890 | 50,0 1.969 | 25,0 0.984 | 200,0 7.874 | 103,0 4.055 | 113,0 4.449 | M10x1 | 30,0 | 3,0 | 1 | G2.5 | 2,9 6.390 | |
| HSKA100-HCS16-150 | 10137338 | HSK-A100 | 16,0 0.630 | 150,0 5.906 | 121,0 4.764 | 90,0 3.543 | 52,0 2.047 | 50,0 1.969 | 32,0 1.260 | 200,0 7.874 | 98,0 3.858 | 108,0 4.252 | M12x1 | 30,0 | 3,0 | 1 | G2.5 | 3,1 6.830 | |
| HSKA100-HCS20-150 | 10137339 | HSK-A100 | 20,0 0.787 | 150,0 5.906 | 121,0 4.764 | 90,0 3.543 | 52,0 2.047 | 50,0 1.969 | 34,0 1.339 | 200,0 7.874 | 100,0 3.937 | 110,0 4.331 | M16x1 | 30,0 | 3,0 | 1 | G2.5 | 3,2 7.050 | |

Accessories

| For | Key |
|-----|-------|
| All | H05-4 |



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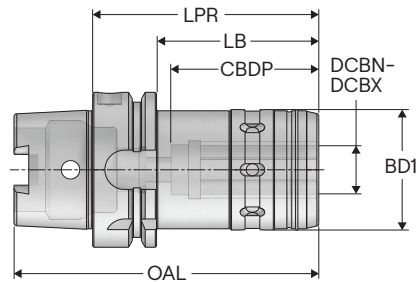
Guide

- Metric/ Inch

HSK-A



HSK-E



DIN

- For reduction sleeves, see page(s) 385-386
- For 'Stop screws for through coolant', see page(s) 387-388
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

BT JIS

| Designation | Item number | CTMS | DCBN-DCBX | OAL | LPR | LB | CBDP | BD1 | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| HSKA63-PMC20-085 | 03211188 | HSK-A63 | 20,0 0.787 | 117,0 4.606 | 85,0 3.346 | 59,0 2.323 | 60,0 2.362 | 49,0 1.929 | 1 | PB | 1,3 2.870 |
| HSKA63-PMC32-105 | 03211189 | HSK-A63 | 32,0 1.260 | 137,0 5.394 | 105,0 4.134 | 79,0 3.110 | 80,0 3.150 | 67,0 2.638 | 1 | PB | 2,0 4.410 |
| HSKA100-PMC20-095 | 03211190 | HSK-A100 | 20,0 0.787 | 145,0 5.709 | 95,0 3.740 | 66,0 2.598 | 60,0 2.362 | 49,0 1.929 | 1 | PB | 2,8 6.170 |
| HSKA100-PMC32-110 | 03211191 | HSK-A100 | 32,0 1.260 | 160,0 6.299 | 110,0 4.331 | 81,0 3.189 | 80,0 3.150 | 68,0 2.677 | 1 | PB | 3,7 8.160 |

CAT

Combimaster

Accessories

| For | Spanner |
|-----------|----------|
| 20/ 0.787 | 03BPMC20 |
| 32/ 1.260 | 03BPMC32 |

Graflex

Seco Capto™

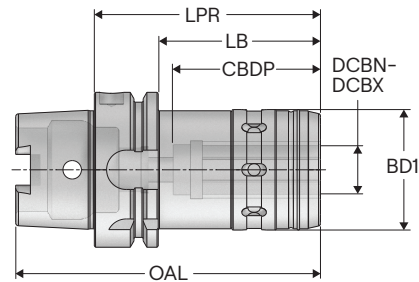
| For | Extractor for reduction sleeves |
|-----|---------------------------------|
| All | 03EXTPMC |

Others

Operating & setting accessories

Shrinkfit



- Inch




- For reduction sleeves, see page(s) 385-386
- For 'Stop screws for through coolant', see page(s) 387-388
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | OAL | LPR | LB | CBDP | BD1 | RFID hole | Balancing | Weight |
|------------------------|-------------|----------|-----------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | lbs |
| HSKA63-PMC0.750-3.500 | 03211210 | HSK-A63 | 0.750 | 4.760 | 3.500 | 2.476 | 2.362 | 1.929 | 1 | PB | 3.090 |
| HSKA63-PMC1.250-4.250 | 03211211 | HSK-A63 | 1.250 | 5.510 | 4.250 | 3.226 | 3.150 | 2.638 | 1 | PB | 4.630 |
| HSKA100-PMC0.750-3.750 | 03211212 | HSK-A100 | 0.750 | 5.719 | 3.750 | 2.608 | 2.362 | 1.929 | 1 | PB | 6.170 |
| HSKA100-PMC1.250-4.500 | 03211213 | HSK-A100 | 1.250 | 6.469 | 4.500 | 3.358 | 3.150 | 2.677 | 1 | PB | 8.380 |

Accessories

| For | Spanner | Stop screw (K) |
|------------------------|---|---|
| |  |  |
| HSKA100-PMC0.750-3.750 | 03BPMC32 | - |
| HSKA100-PMC1.250-4.500 | 03BPMC32 | 19BPMC317505H |
| HSKA63-PMC0.750-3.500 | 03BPMC20 | - |
| HSKA63-PMC1.250-4.250 | 03BPMC32 | 19BPMC317505H |

Spare Parts, included in delivery

| For | Extractor for reduction sleeves |
|-----|---|
| |  |
| All | 03EXTPMC |

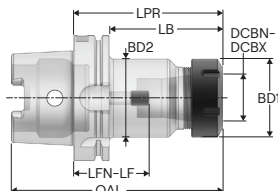
Guide
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 HSK-E
 DIN
 BT JIS
 CAT
 Combimaster
 Graflex
 Seco Capto™
 Others
 Operating & setting accessories
 Shrinkfit

ISO 15488
- Metric/ Inch

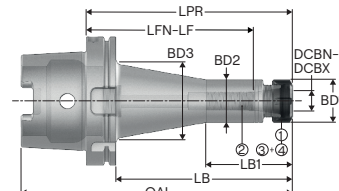
HSK-A/ ISO12164-1-HSK-A



Design 1



Design 2


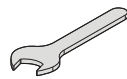


-Run-out 15 µm/ .0006" maximum at 3 x ØDCBN-DCBX
-For ER extensions and ER collets, see page(s) 362, 363, 399, 400, 401, 402
-For ER sealing rings, see page(s) 410, 411
-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
-For ISO attribute explanation, see page 15


| BT JIS | Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD3 | BD2 | BD1 | OAL | LB | LB1 | LFN | LF | Design | RFID hole | Balancing | Weight |
|---------------------------------|------------------|-------------|----------|--------------|---------------|-------|----------------|-----|---------------|---------------|----------------|----------------|-----|----------------|----------------|--------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | | | |
| CAT | HSKA40-ER16-060 | 10229583 | HSK-A40 | 0,5 0.020 | 10,0 0.394 | ER 16 | 60,0 2.362 | - | 28,0 1.102 | 28,0 1.102 | 80,0 3.150 | 40,0 1.575 | - | 23,4 0.921 | 23,4 0.921 | 1 | 0 | G2.5 | 0,4 0.880 |
| | HSKA40-ER25-070 | 10229584 | HSK-A40 | 1,0 0.039 | 16,0 0.630 | ER 25 | 70,0 2.756 | - | 32,0 1.260 | 42,0 1.654 | 90,0 3.543 | 50,0 1.969 | - | 22,0 0.866 | 22,0 0.866 | 1 | 0 | G2.5 | 0,5 1.100 |
| | HSKA50-ER32-100 | 10229585 | HSK-A50 | 2,0 0.079 | 20,0 0.787 | ER 32 | 100,0 3.937 | - | 50,0 1.969 | 50,0 1.969 | 125,0 4.921 | 74,0 2.913 | - | 35,0 1.378 | 35,0 1.378 | 1 | - | G2.5 | 1,2 2.650 |
| Combimaster | HSKA63-ER16-100 | 10229586 | HSK-A63 | 0,5 0.020 | 10,0 0.394 | ER 16 | 100,0 3.937 | - | 28,0 1.102 | 28,0 1.102 | 132,0 5.197 | 74,0 2.913 | - | 55,0 2.165 | 68,9 2.713 | 1 | 1 | G2.5 | 0,9 1.980 |
| | HSKA63-ER16-160 | 10229587 | HSK-A63 | 0,5 0.020 | 10,0 0.394 | ER 16 | 160,0 6.299 | - | 28,0 1.102 | 28,0 1.102 | 192,0 7.559 | 134,0 5.276 | - | 115,0 4.528 | 130,0 5.118 | 1 | 1 | G2.5 | 1,2 2.650 |
| | HSKA63-ER20-100 | 10229588 | HSK-A63 | 1,0 0.039 | 13,0 0.512 | ER 20 | 100,0 3.937 | - | 34,0 1.339 | 34,0 1.339 | 132,0 5.197 | 74,0 2.913 | - | 50,0 1.969 | 70,0 2.756 | 1 | 1 | G2.5 | 1,1 2.430 |
| Graflex | HSKA63-ER20-160 | 10229589 | HSK-A63 | 1,0 0.039 | 13,0 0.512 | ER 20 | 160,0 6.299 | - | 34,0 1.339 | 34,0 1.339 | 192,0 7.559 | 134,0 5.276 | - | 110,0 4.331 | 130,0 5.118 | 1 | 1 | G2.5 | 1,5 3.310 |
| | HSKA63-ER25-100 | 10229590 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | ER 25 | 100,0 3.937 | - | 42,0 1.654 | 42,0 1.654 | 132,0 5.197 | 74,0 2.913 | - | 43,0 1.693 | 53,0 2.087 | 1 | 1 | G2.5 | 1,2 2.650 |
| | HSKA63-ER25-160 | 10229591 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | ER 25 | 160,0 6.299 | - | 42,0 1.654 | 42,0 1.654 | 192,0 7.559 | 134,0 5.276 | - | 95,0 3.740 | 105,0 4.134 | 1 | 1 | G2.5 | 1,8 3.970 |
| Seco Capto™ | HSKA63-ER25-200 | 10229592 | HSK-A63 | 1,0 0.039 | 16,0 0.630 | ER 25 | 200,0 7.874 | - | 42,0 1.654 | 42,0 1.654 | 232,0 9.134 | 174,0 6.850 | - | 135,0 5.315 | 145,0 5.709 | 1 | 1 | G2.5 | 2,4 5.290 |
| | HSKA63-ER32-100 | 10229593 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | ER 32 | 100,0 3.937 | - | 50,0 1.969 | 50,0 1.969 | 132,0 5.197 | 74,0 2.913 | - | 40,0 1.575 | 50,0 1.969 | 1 | 1 | G2.5 | 1,4 3.090 |
| | HSKA63-ER32-160 | 10229594 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | - | 50,0 1.969 | 50,0 1.969 | 192,0 7.559 | 134,0 5.276 | - | 95,0 3.740 | 105,0 4.134 | 1 | 1 | G2.5 | 2,3 5.070 |
| Others | HSKA63-ER32-200 | 10229595 | HSK-A63 | 2,0 0.079 | 20,0 0.787 | ER 32 | 200,0 7.874 | - | 50,0 1.969 | 50,0 1.969 | 232,0 9.134 | 174,0 6.850 | - | 135,0 5.315 | 145,0 5.709 | 1 | 1 | G2.5 | 3,1 6.830 |
| | HSKA63-ER40-120 | 10229596 | HSK-A63 | 3,0 0.118 | 26,0 1.024 | ER 40 | 120,0 4.724 | - | 63,0 2.480 | 63,0 2.480 | 152,0 5.984 | 94,0 3.701 | - | 45,0 1.772 | 55,0 2.165 | 1 | 1 | G2.5 | 1,7 3.750 |
| | HSKA63-ER40-160 | 10229768 | HSK-A63 | 3,0 0.118 | 26,0 1.024 | ER 40 | 160,0 6.299 | - | 63,0 2.480 | 63,0 2.480 | 192,0 7.559 | 134,0 5.276 | - | 85,0 3.346 | 95,0 3.740 | 1 | 1 | G2.5 | 2,4 5.290 |
| Operating & setting accessories | HSKA100-ER25-100 | 10229597 | HSK-A100 | 1,0 0.039 | 16,0 0.630 | ER 25 | 100,0 3.937 | - | 42,0 1.654 | 42,0 1.654 | 150,0 5.906 | 71,0 2.795 | - | 53,0 2.087 | 63,0 2.480 | 1 | 1 | G6.3 | 2,5 5.510 |
| | HSKA100-ER25-160 | 10229598 | HSK-A100 | 1,0 0.039 | 16,0 0.630 | ER 25 | 160,0 6.299 | - | 42,0 1.654 | 42,0 1.654 | 210,0 8.268 | 131,0 5.157 | - | 95,0 3.740 | 105,0 4.134 | 1 | 1 | G6.3 | 3,2 7.050 |
| | HSKA100-ER32-100 | 10229599 | HSK-A100 | 2,0 0.079 | 20,0 0.787 | ER 32 | 100,0 3.937 | - | 50,0 1.969 | 50,0 1.969 | 150,0 5.906 | 71,0 2.795 | - | 49,0 1.929 | 59,0 2.323 | 1 | 1 | G6.3 | 2,8 6.170 |
| Shrinkfit | HSKA100-ER32-160 | 10229600 | HSK-A100 | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | - | 50,0 1.969 | 50,0 1.969 | 210,0 8.268 | 131,0 5.157 | - | 95,0 3.740 | 105,0 4.134 | 1 | 1 | G6.3 | 3,6 7.940 |
| | HSKA100-ER40-120 | 10229601 | HSK-A100 | 3,0 0.118 | 26,0 1.024 | ER 40 | 120,0 4.724 | - | 63,0 2.480 | 63,0 2.480 | 170,0 6.693 | 91,0 3.583 | - | 51,0 2.008 | 61,0 2.402 | 1 | 1 | G6.3 | 3,5 7.720 |
| | HSKA100-ER40-160 | 10229602 | HSK-A100 | 3,0 0.118 | 26,0 1.024 | ER 40 | 160,0 6.299 | - | 63,0 2.480 | 63,0 2.480 | 210,0 8.268 | 131,0 5.157 | - | 85,0 3.346 | 95,0 3.740 | 1 | 1 | G6.3 | 4,5 9.920 |
| | HSKA125-ER25-120 | 03229638 | HSK-A125 | 1,0 0.039 | 16,0 0.630 | ER 25 | 120,0 4.724 | - | 42,0 1.654 | 42,0 1.654 | 183,0 7.205 | 91,0 3.583 | - | 57,0 2.244 | 82,0 3.228 | 1 | 1 | PB | 4,3 9.480 |

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD3 | BD2 | BD1 | OAL | LB | LB1 | LFN | LF | Design | RFID hole | Balancing | Weight |
|----------------------|-------------|----------|--------------|---------------|-------|----------------|---------------|---------------|---------------|-----------------|----------------|----------------|----------------|----------------|--------|-----------|-----------|---------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| HSKA125-ER25-160 | 03229639 | HSK-A125 | 1,0 0.039 | 16,0 0.630 | ER 25 | 160,0 6.299 | - | 42,0 1.654 | 42,0 1.654 | 223,0 8.780 | 131,0 5.157 | - | 91,0 3.583 | 122,0 4.803 | 1 | 1 | PB | 4,6 10.140 |
| HSKA125-ER25-200-VF6 | 03240290 | HSK-A125 | 1,0 0.039 | 16,0 0.630 | ER 25 | 200,0 7.874 | 72,7 2.861 | 42,0 1.654 | 42,0 1.654 | 263,0 10.354 | 171,0 6.732 | 84,0 3.307 | 131,0 5.157 | 162,0 6.378 | 2 | 1 | PB | 5,7 12.570 |
| HSKA125-ER32-120 | 03229641 | HSK-A125 | 2,0 0.079 | 20,0 0.787 | ER 32 | 120,0 4.724 | - | 50,0 1.969 | 50,0 1.969 | 183,0 7.205 | 91,0 3.583 | - | 60,0 2.362 | 80,0 3.150 | 1 | 1 | PB | 4,3 9.480 |
| HSKA125-ER32-160 | 03229642 | HSK-A125 | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | - | 50,0 1.969 | 50,0 1.969 | 223,0 8.780 | 131,0 5.157 | - | 92,0 3.622 | 120,0 4.724 | 1 | 1 | PB | 4,9 10.800 |
| HSKA125-ER32-200-VF6 | 03240291 | HSK-A125 | 2,0 0.079 | 20,0 0.787 | ER 32 | 200,0 7.874 | 75,0 2.954 | 50,0 1.969 | 50,0 1.969 | 263,0 10.354 | 171,0 6.732 | 100,0 3.937 | 132,0 5.197 | 160,0 6.299 | 2 | 1 | PB | 6,1 13.450 |

Accessories

| For | Seal nut | Spanner |
|-------|---|---|
| |  |  |
| ER 16 | 08B587516IC | 03B587516UM |
| ER 20 | - | 03B587520UM |
| ER 25 | 08B587525IC | 03B587525 |
| ER 32 | 08B587532IC | 03B587532 |
| ER 40 | 08B587540IC | 03B587540 |

Spare Parts, included in delivery

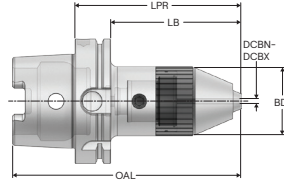
| For | Nut | Stop screw |
|--------------|---|---|
| |  |  |
| HSKA40-ER16 | 08B587516UM | - |
| HSKA40-ER25 | 08B587525X | - |
| HSKA50-ER32 | 08B587532X | - |
| HSKA63-ER16 | 08B587516UM | 19LRC1020 |
| HSKA63-ER20 | 08B587520UM | 19LRC1225 |
| HSKA63-ER25 | 08B587525X | 19LRC1225 |
| HSKA63-ER32 | 08B587532X | 19LRC1225 |
| HSKA63-ER40 | 08B587540X | 19LRC1225 |
| HSKA100-ER25 | 08B587525X | 19LRC1225 |
| HSKA100-ER32 | 08B587532X | 19LRC1225 |
| HSKA100-ER40 | 08B587540X | 19LRC1225 |
| HSKA125-ER25 | 08B587525X | 19B58718 |
| HSKA125-ER32 | 08B587532X | 19B58722 |

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DIN

- Run-out 40 µm maximum at 2,5 x ØDCBN-DCBX
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

BT JIS

| Designation | Item number | CTMS | DCBN | DCBX | OAL | LPR | LB | BD1 | RFID hole | Balancing | Weight |
|-------------|-------------|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| E9304508513 | 75041587 | HSK-A63 | 1,0 0.039 | 13,0 0.512 | 142,0 5.591 | 110,0 4.331 | 84,0 3.307 | 43,0 1.693 | 1 | PB | 1,2 2.650 |
| E9306508516 | 75041588 | HSK-A100 | 2,5 0.098 | 16,0 0.630 | 184,0 7.244 | 134,0 5.276 | 105,0 4.134 | 56,0 2.205 | 1 | PB | 3,3 7.280 |

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

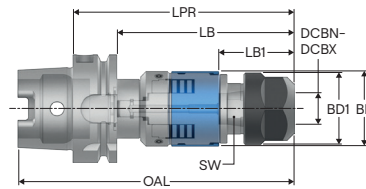
Shrinkfit

For synchronized tapping, with micro-compensation
- Metric/ Inch

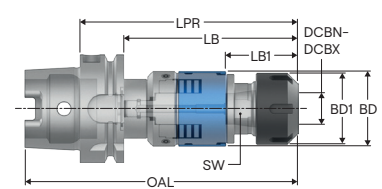
HSK-A/ ISO12164-1-HSK-A



Design 1



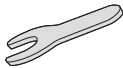


Design 2




- Maximum coolant pressure 80 bar/ 1160 psi
- For ER tapping collets with square drive, see page(s) 407, 408-409
- For TCER 5867 sealing rings, see page(s) 410, 411
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD | BD1 | OAL | SW | Design | RFID hole | Balancing | Weight |
|----------------|-------------|----------|-------|------|------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|--------|-----------|-----------|--------------|
| | | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| E9304586720108 | 02926954 | HSK-A63 | ER 20 | M4 | M12 | 103,1 4.059 | 77,2 3.039 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 135,0 5.315 | 22,0 0.866 | 1 | 0 | - | 1,1 2.430 |
| E9304586725128 | 02926955 | HSK-A63 | ER 25 | M8 | M20 | 122,5 4.823 | 96,5 3.799 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 154,4 6.079 | 28,0 1.102 | 2 | 0 | - | 1,4 3.090 |
| E9304586740160 | 02926956 | HSK-A63 | ER 40 | M16 | M33 | 154,5 6.083 | 128,6 5.063 | 46,6 1.835 | 62,0 2.441 | 62,7 2.469 | 186,4 7.339 | 39,6 1.559 | 2 | 0 | - | 2,9 6.390 |
| E9306586720115 | 02926952 | HSK-A100 | ER 20 | M4 | M12 | 109,6 4.315 | 80,7 3.177 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 159,5 6.280 | 22,0 0.866 | 1 | 0 | - | 2,5 5.510 |
| E9306586725134 | 02926953 | HSK-A100 | ER 25 | M8 | M20 | 129,0 5.079 | 100,0 3.937 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 178,9 7.043 | 28,0 1.102 | 2 | 0 | - | 2,8 6.170 |
| E9306586740163 | 02926951 | HSK-A100 | ER 40 | M16 | M33 | 158,0 6.220 | 129,1 5.083 | 46,6 1.835 | 62,0 2.441 | 62,7 2.469 | 207,9 8.185 | 39,6 1.559 | 2 | 0 | - | 4,2 9.260 |

Accessories

| For | Locking key | Seal nut | Spanner |
|-------|---|---|---|
| |  |  |  |
| ER 20 | 5680092-04 | 5533051-02 | 03B587520UM |
| ER 25 | 5680092-05 | 5533051-03 | 03B587525 |
| ER 40 | 5680092-06 | 5533051-05 | 03B587540 |

Spare Parts, included in delivery

| For | Nut |
|-------|---|
| |  |
| ER 20 | 5533050-08 |
| ER 25 | 5533050-02 |
| ER 40 | 5533050-04 |

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Seco Capto™

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Shrinkfit

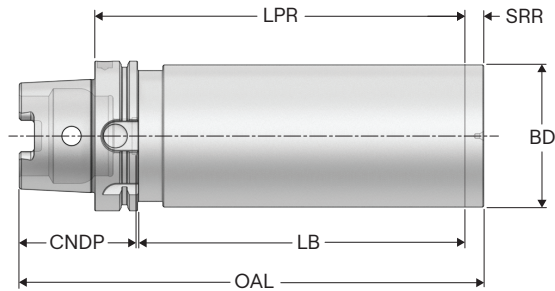
Guide

- Metric/ Inch

HSK-A



HSK-E



DIN

- The cylindrical front part is hardened to 120-130 daN/mm², allowing machining
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

BT JIS

CAT

| Designation | Item number | CTMS | LPR | SRR | BD | OAL | CNDP | LB | RFID hole | Balancing | Weight |
|----------------|-------------|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| E9302502340150 | 00007486 | HSK-A40 | 150,0 5.906 | 8,0 0.315 | 40,0 1.575 | 178,0 7.008 | 36,0 1.417 | 130,0 5.118 | 0 | PB | 1,6 3.530 |
| E9304502363250 | 75041753 | HSK-A63 | 250,0 9.843 | 8,0 0.315 | 63,0 2.480 | 290,0 11.417 | 54,0 2.126 | 224,0 8.819 | 1 | PB | 6,2 13.670 |
| E9306502363250 | 75041755 | HSK-A100 | 250,0 9.843 | 8,0 0.315 | 63,0 2.480 | 308,0 12.126 | 78,5 3.091 | 221,0 8.701 | 1 | PB | 7,6 16.760 |
| E9306502395250 | 75041756 | HSK-A100 | 250,0 9.843 | 8,0 0.315 | 95,0 3.740 | 308,0 12.126 | 78,5 3.091 | 221,0 8.701 | 1 | PB | 14,0 30.860 |

Combimaster

Graflex

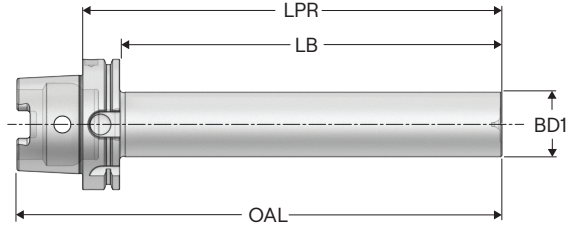
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

- Metric/ Inch



- Diameter, length values and measurement positions are laser engraved on each test bar
- With protective case and measurement report
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | LPR | LB | BD | OAL | RFID hole | Balancing | Weight |
|---------------|-------------|----------|------------------------|------------------------|----------------------|------------------------|-----------|-----------|----------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | | |
| E930458640250 | 00083582 | HSK-A63 | 250,0 <i>9.843</i> | 224,0 <i>8.819</i> | 40,0 <i>1.575</i> | 282,0 <i>11.102</i> | 1 | - | 2,9 <i>6.390</i> |
| E930658650320 | 00083021 | HSK-A100 | 320,0 <i>12.598</i> | 291,0 <i>11.457</i> | 50,0 <i>1.969</i> | 370,0 <i>14.567</i> | 1 | - | 6,4 <i>14.110</i> |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

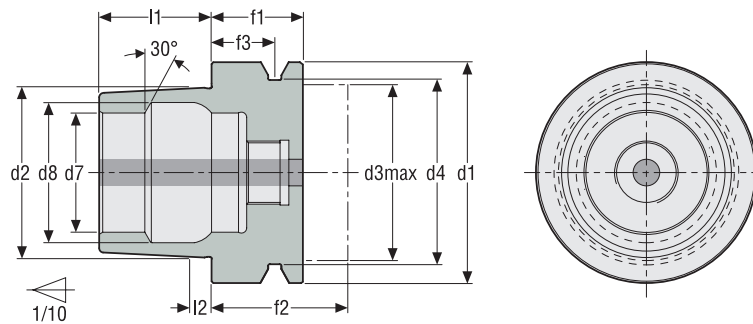


HSK-E

Seco allows you to get the most out of both your machine and tools by offering a comprehensive range of tool holders to connect them. **HSK - E** is designed for high spindles speed therefore there is no slots on the flange, it's completely cylindrical.

The range covers all standard workpiece side connections, as well Seco's unique connections.

- Shrinkfit holders
- High precision collet chucks
- ER collet chucks



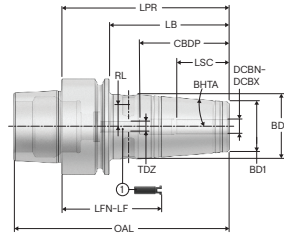
| Machine side catalogue designation | Hole for RFID carrier* | d ₁ | d ₂ | d ₃ max | d ₄ | d ₇ | d ₈ | f ₁ | f ₂ | f ₃ | l ₁ | l ₂ |
|------------------------------------|------------------------|----------------|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| HSK-E32 | No* | 32 1.260 | 24 0.945 | 26 1.024 | 26,5 1.043 | 17 0.669 | 21 0.827 | 20 0.787 | 35 1.378 | 16 0.630 | 16 0.630 | 3,2 0.126 |
| HSK-E40 | No* | 40 1.575 | 30 1.181 | 34 1.339 | 34,8 1.370 | 21 0.827 | 25,5 1.004 | 20 0.787 | 35 1.378 | 16 0.630 | 20 0.787 | 4 0.157 |
| HSK-E50 | No* | 50 1.969 | 38 1.496 | 42 1.654 | 43 1.693 | 26 1.024 | 32 1.260 | 26 1.024 | 42 1.654 | 18 0.709 | 25 0.984 | 5 0.197 |

Note: These machine side dimensions are applied to all the holders shown in the Product pages.

For HSK sealing plugs, coolant tubes and tube spanners, see chapter Operating & setting accessories.

* No hole for RFID carriers. If required, hole can be machined and a RFID carrier can be fitted on request, please enquire.

DIN type
- Metric/ Inch



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA ^a | RFID hole | Balancing | Weight |
|---------------|-------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------|-------------------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| E934256030350 | 02752956 | HSK-E40 | 3,0 0.118 | 50,0 1.969 | 30,0 1.181 | 31,0 1.220 | 13,0 0.512 | 15,0 0.591 | 20,0 0.787 | 70,0 2.756 | 20,5 0.807 | 37,0 1.457 | 10,5 0.413 | - | 4,5 | 0 | G2.5 | 0,3 0.660 |
| E934256030450 | 02752957 | HSK-E40 | 4,0 0.157 | 50,0 1.969 | 30,0 1.181 | 31,0 1.220 | 15,0 0.591 | 15,0 0.591 | 20,0 0.787 | 70,0 2.756 | 20,5 0.807 | 35,0 1.378 | 10,5 0.413 | M5x0.8 | 4,5 | 0 | G2.5 | 0,3 0.660 |
| E934256030650 | 02752959 | HSK-E40 | 6,0 0.236 | 50,0 1.969 | 30,0 1.181 | 31,0 1.220 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 70,0 2.756 | 20,5 0.807 | 28,0 1.102 | 10,5 0.413 | M5x0.8 | 4,5 | 0 | G2.5 | 0,3 0.660 |
| E934256030670 | 02752960 | HSK-E40 | 6,0 0.236 | 70,0 2.756 | 50,0 1.969 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 90,0 3.543 | 34,0 1.339 | 44,0 1.732 | 10,5 0.413 | M5x0.8 | 4,5 | 0 | G2.5 | 0,4 0.880 |
| E934256030870 | 02752964 | HSK-E40 | 8,0 0.315 | 70,0 2.756 | 50,0 1.969 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 90,0 3.543 | 34,0 1.339 | 44,0 1.732 | 10,5 0.413 | M6x1 | 4,5 | 0 | G2.5 | 0,36 0.790 |
| E934256031055 | 02752966 | HSK-E40 | 10,0 0.394 | 55,0 2.165 | 35,0 1.378 | 36,0 1.417 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 75,0 2.953 | 20,5 0.807 | 24,0 0.945 | 13,0 0.512 | M8x1 | 4,5 | 0 | G2.5 | 0,4 0.880 |
| E934256031260 | 02752969 | HSK-E40 | 12,0 0.472 | 60,0 2.362 | 40,0 1.575 | 41,0 1.614 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 80,0 3.150 | 20,5 0.807 | 26,0 1.024 | 13,0 0.512 | M10x1 | 4,5 | 0 | G2.5 | 0,4 0.880 |
| E934256031665 | 02752973 | HSK-E40 | 16,0 0.630 | 65,0 2.559 | 45,0 1.772 | 46,0 1.811 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 85,0 3.346 | 20,5 0.807 | 26,0 1.024 | 14,0 0.551 | - | 4,5 | 0 | G2.5 | 0,4 0.880 |
| E934356030355 | 02752979 | HSK-E50 | 3,0 0.118 | 55,0 2.165 | 29,0 1.142 | 31,0 1.220 | 13,0 0.512 | 15,0 0.591 | 20,0 0.787 | 80,0 3.150 | 25,5 1.004 | 42,0 1.654 | 10,5 0.413 | - | 4,5 | 0 | G2.5 | 0,5 1.100 |
| E934356030455 | 02752980 | HSK-E50 | 4,0 0.157 | 55,0 2.165 | 29,0 1.142 | 31,0 1.220 | 15,0 0.591 | 15,0 0.591 | 20,0 0.787 | 80,0 3.150 | 25,5 1.004 | 40,0 1.575 | 10,5 0.413 | - | 4,5 | 0 | G2.5 | 0,5 1.100 |
| E934356030655 | 02752981 | HSK-E50 | 6,0 0.236 | 55,0 2.165 | 29,0 1.142 | 32,0 1.260 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 80,0 3.150 | 24,5 0.965 | 33,0 1.299 | 10,5 0.413 | - | 4,5 | 0 | G2.5 | 0,5 1.100 |
| E934356030855 | 02752983 | HSK-E50 | 8,0 0.315 | 55,0 2.165 | 29,0 1.142 | 32,0 1.260 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 80,0 3.150 | 24,5 0.965 | 33,0 1.299 | 10,5 0.413 | - | 4,5 | 0 | G2.5 | 0,5 1.100 |
| E934356031060 | 02752985 | HSK-E50 | 10,0 0.394 | 60,0 2.362 | 34,0 1.339 | 37,0 1.457 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 85,0 3.346 | 24,5 0.965 | 29,0 1.142 | 13,0 0.512 | M8x1 | 4,5 | 0 | G2.5 | 0,6 1.320 |
| E934356031265 | 02752987 | HSK-E50 | 12,0 0.472 | 65,0 2.559 | 39,0 1.535 | 42,0 1.654 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 90,0 3.543 | 24,5 0.965 | 31,0 1.220 | 13,0 0.512 | M10x1 | 4,5 | 0 | G2.5 | 0,6 1.320 |
| E934356031290 | 02752988 | HSK-E50 | 12,0 0.472 | 90,0 3.543 | 64,0 2.520 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 115,0 4.528 | 44,0 1.732 | 54,0 2.126 | 13,0 0.512 | M10x1 | 4,5 | 0 | G2.5 | 0,7 1.540 |
| E934356031670 | 02752989 | HSK-E50 | 16,0 0.630 | 70,0 2.756 | 44,0 1.732 | 47,0 1.850 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 95,0 3.740 | 24,5 0.965 | 31,0 1.220 | 14,0 0.551 | - | 4,5 | 0 | G2.5 | 0,6 1.320 |

Accessories

For Balancing screws



| | |
|---------------|--------|
| E934256030670 | 90ZQ01 |
| E934256030870 | 90ZQ01 |
| E934356031290 | 90ZQ01 |

Spare Parts, included in delivery

| For | Stop screw |
|---------------|------------|
| E934256030670 | 19BDR05165 |
| E934256030870 | 19BDR06165 |
| E934356031290 | 19BDR10165 |



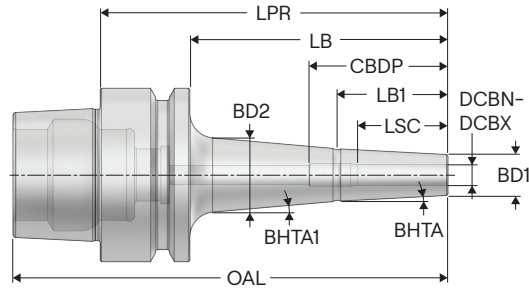
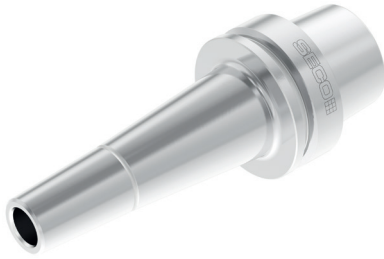
- Guide
- HSK-A
- HSK-E**
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

Mold and Die type
- Metric/ Inch

Guide

HSK-A

HSK-E



DIN

- Run-out $\leq 3 \mu\text{m}$
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

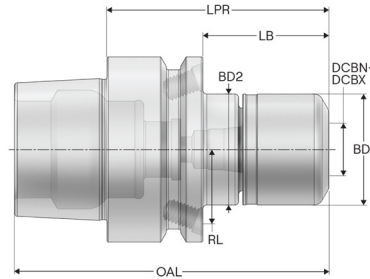
Operating & setting accessories

Shrinkfit

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | LSC | BD1 | BD2 | OAL | BHTA° | BHTA1° | RFID hole | Balancing | Weight |
|----------------|-------------|---------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| E934258010360 | 02418319 | HSK-E40 | 3,0 0.118 | 60,0 2.362 | 40,0 1.575 | - | - | 13,0 0.512 | 9,0 0.354 | 13,2 0.519 | 80,0 3.150 | 3,0 | - | 0 | G2.5 | 0,3 0.660 |
| E9342580103100 | 00048013 | HSK-E40 | 3,0 0.118 | 100,0 3.937 | 80,0 3.150 | 25,0 0.984 | - | 13,0 0.512 | 9,0 0.354 | 21,2 0.836 | 120,0 4.724 | 3,0 | 5,0 | 0 | G2.5 | 0,4 0.880 |
| E934258010460 | 02418320 | HSK-E40 | 4,0 0.157 | 60,0 2.362 | 40,0 1.575 | - | - | 15,0 0.591 | 10,0 0.394 | 14,2 0.559 | 80,0 3.150 | 3,0 | - | 0 | G2.5 | 0,24 0.530 |
| E9342580104100 | 00047774 | HSK-E40 | 4,0 0.157 | 100,0 3.937 | 80,0 3.150 | 25,0 0.984 | - | 15,0 0.591 | 10,0 0.394 | 22,2 0.876 | 120,0 4.724 | 3,0 | 5,0 | 0 | G2.5 | 0,4 0.880 |
| E934258010660 | 02418323 | HSK-E40 | 6,0 0.236 | 60,0 2.362 | 40,0 1.575 | - | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 16,2 0.638 | 80,0 3.150 | 3,0 | - | 0 | G2.5 | 0,25 0.550 |
| E9342580106100 | 00047778 | HSK-E40 | 6,0 0.236 | 100,0 3.937 | 80,0 3.150 | 32,0 1.260 | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 23,8 0.935 | 120,0 4.724 | 3,0 | 5,0 | 0 | G2.5 | 0,4 0.880 |
| E934258010860 | 02418324 | HSK-E40 | 8,0 0.315 | 60,0 2.362 | 40,0 1.575 | - | 42,0 1.654 | 30,0 1.181 | 16,0 0.630 | 20,2 0.795 | 80,0 3.150 | 3,0 | - | 0 | G2.5 | 0,3 0.660 |
| E934258011060 | 02418325 | HSK-E40 | 10,0 0.394 | 60,0 2.362 | 40,0 1.575 | 40,0 1.575 | 42,0 1.654 | 32,0 1.260 | 18,0 0.709 | 22,2 0.874 | 80,0 3.150 | 3,0 | - | 0 | G2.5 | 0,3 0.660 |
| E9343580103100 | 00047797 | HSK-E50 | 3,0 0.118 | 100,0 3.937 | 74,0 2.913 | 25,0 0.984 | - | 13,0 0.512 | 9,0 0.354 | 20,2 0.795 | 125,0 4.921 | 3,0 | 5,0 | 0 | G2.5 | 0,5 1.100 |
| E9343580104100 | 00047799 | HSK-E50 | 4,0 0.157 | 100,0 3.937 | 74,0 2.913 | 25,0 0.984 | - | 15,0 0.591 | 10,0 0.394 | 21,2 0.834 | 125,0 4.921 | 3,0 | 5,0 | 0 | G2.5 | 0,6 1.320 |
| E9343580106100 | 00047807 | HSK-E50 | 6,0 0.236 | 100,0 3.937 | 74,0 2.913 | 32,0 1.260 | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 22,7 0.894 | 125,0 4.921 | 3,0 | 5,0 | 0 | G2.5 | 0,6 1.320 |
| E9343580108100 | 00047812 | HSK-E50 | 8,0 0.315 | 100,0 3.937 | 74,0 2.913 | 36,0 1.417 | 44,0 1.732 | 30,0 1.181 | 16,0 0.630 | 26,4 1.040 | 125,0 4.921 | 3,0 | 5,0 | 0 | G2.5 | 0,6 1.320 |

- Metric/ Inch

HSK-E



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX
- Suffix « H » at end of the description: designed with 4 threaded holes for balancing screws
- For ER HP collets type 5672, see page(s) 389, 390, 391-397
- For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
- For stop screws, see instructions at www.secotools.com
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | RL | BD1 | OAL | LB | RFID hole | Balancing | Weight |
|----------------------|-------------|---------|--------------|---------------|--------|----------------|---------------|---------------|---------------|----------------|----------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| HSKE25-ERHP08R-035 | 10359325 | HSK-E25 | 1,0 0.039 | 5,0 0.197 | HP 08R | 35,0 1.378 | 10,0 0.394 | - | 10,0 0.394 | 48,0 1.890 | 25,0 0.984 | 0 | G2.5 | 0,1 0.220 |
| HSKE25-ERHP11R-035 | 10359326 | HSK-E25 | 1,0 0.039 | 7,0 0.276 | HP 11R | 35,0 1.378 | 16,0 0.630 | - | 16,0 0.630 | 48,0 1.890 | 25,0 0.984 | 0 | G2.5 | 0,1 0.220 |
| HSKE25-ERHP16R-045 | 10359327 | HSK-E25 | 1,0 0.039 | 10,0 0.394 | HP 16R | 45,0 1.772 | 19,5 0.768 | - | 22,0 0.866 | 58,0 2.283 | 35,0 1.378 | 0 | G2.5 | 0,1 0.220 |
| HSKE32-ERHP08R-050 | 10359328 | HSK-E32 | 1,0 0.039 | 5,0 0.197 | HP 08R | 50,0 1.969 | 10,0 0.394 | - | 10,0 0.394 | 66,0 2.598 | 30,0 1.181 | 0 | G2.5 | 0,2 0.440 |
| HSKE32-ERHP11R-050 | 10359329 | HSK-E32 | 1,0 0.039 | 7,0 0.276 | HP 11R | 50,0 1.969 | 16,0 0.630 | - | 16,0 0.630 | 66,0 2.598 | 30,0 1.181 | 0 | G2.5 | 0,2 0.440 |
| HSKE32-ERHP16R-055 | 10359330 | HSK-E32 | 1,0 0.039 | 10,0 0.394 | HP 16R | 55,0 2.165 | 22,0 0.866 | - | 22,0 0.866 | 71,0 2.795 | 35,0 1.378 | 0 | G2.5 | 0,2 0.440 |
| HSKE32-ERHP16R-100 | 10359331 | HSK-E32 | 1,0 0.039 | 10,0 0.394 | HP 16R | 100,0 3.937 | 22,0 0.866 | - | 22,0 0.866 | 116,0 4.567 | 80,0 3.150 | 0 | G2.5 | 0,4 0.880 |
| HSKE40-ERHP08R-050 | 10359332 | HSK-E40 | 1,0 0.039 | 5,0 0.197 | HP 08R | 50,0 1.969 | 10,0 0.394 | - | 10,0 0.394 | 70,0 2.756 | 30,0 1.181 | 0 | G2.5 | 0,3 0.660 |
| HSKE40-ERHP11R-050-V | 10359333 | HSK-E40 | 1,0 0.039 | 7,0 0.276 | HP 11R | 50,0 1.969 | 17,9 0.704 | - | 16,0 0.630 | 70,0 2.756 | 30,0 1.181 | 0 | G2.5 | 0,3 0.660 |
| HSKE40-ERHP11R-130-V | 10359334 | HSK-E40 | 1,0 0.039 | 7,0 0.276 | HP 11R | 130,0 5.118 | 30,5 1.199 | - | 16,0 0.630 | 150,0 5.906 | 110,0 4.331 | 0 | G2.5 | 0,6 1.320 |
| HSKE40-ERHP16-060 | 10359335 | HSK-E40 | 1,0 0.039 | 10,0 0.394 | HP 16 | 60,0 2.362 | 30,0 1.181 | - | 30,0 1.181 | 80,0 3.150 | 40,0 1.575 | 0 | G2.5 | 0,4 0.880 |
| HSKE40-ERHP16-130-H | 10359336 | HSK-E40 | 1,0 0.039 | 10,0 0.394 | HP 16 | 130,0 5.118 | 30,0 1.181 | 12,0 0.472 | 30,0 1.181 | 150,0 5.906 | 110,0 4.331 | 0 | G2.5 | 0,8 1.760 |
| HSKE40-ERHP20-060 | 10359337 | HSK-E40 | 1,0 0.039 | 13,0 0.512 | HP 20 | 60,0 2.362 | 32,0 1.260 | - | 32,0 1.260 | 80,0 3.150 | 40,0 1.575 | 0 | G2.5 | 0,4 0.880 |
| HSKE40-ERHP25-070 | 10359338 | HSK-E40 | 1,0 0.039 | 16,0 0.630 | HP 25 | 70,0 2.756 | 40,0 1.575 | - | 40,0 1.575 | 90,0 3.543 | 50,0 1.969 | 0 | G2.5 | 0,5 1.100 |
| HSKE50-ERHP16-060-H | 10359339 | HSK-E50 | 1,0 0.039 | 10,0 0.394 | HP 16 | 60,0 2.362 | 30,0 1.181 | 19,5 0.768 | 30,0 1.181 | 85,0 3.346 | 34,0 1.339 | 0 | G2.5 | 0,6 1.320 |
| HSKE50-ERHP25-070-H | 10359340 | HSK-E50 | 1,0 0.039 | 16,0 0.630 | HP 25 | 70,0 2.756 | 40,0 1.575 | 17,0 0.669 | 40,0 1.575 | 95,0 3.740 | 44,0 1.732 | 0 | G2.5 | 0,7 1.540 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex




Seco Capto™

Others


Operating & setting accessories

Shrinkfit

Accessories

| Guide | For | Key | Socket | Torque key |
|-------|---------|---|---|---|
| | |  |  |  |
| HSK-A | ERHP08R | - | 03ERB010 | 03DYE003025 |
| | ERHP11R | 03LME0912140 | 03ER016 | 03DYE003025 |
| | ERHP16R | 03LME0912140 | 03ER022 | 03DYE010050 |
| | ERHP16 | 03LME1418260 | 03ER030B | 03DYE010100B |
| HSK-E | ERHP20 | 03LME1418260 | 03ER032B | 03DYE010100B |
| | ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |

Spare Parts, included in delivery

| DIN | For | Nut |
|--------|---------|---|
| | |  |
| | ERHP08R | 08B567208RC |
| | ERHP11R | 08B567211RC |
| | ERHP16R | 08B567216RC |
| BT JIS | ERHP16 | 08B567216C |
| | ERHP20 | 08B567220C |
| | ERHP25 | 08B567225C |

- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

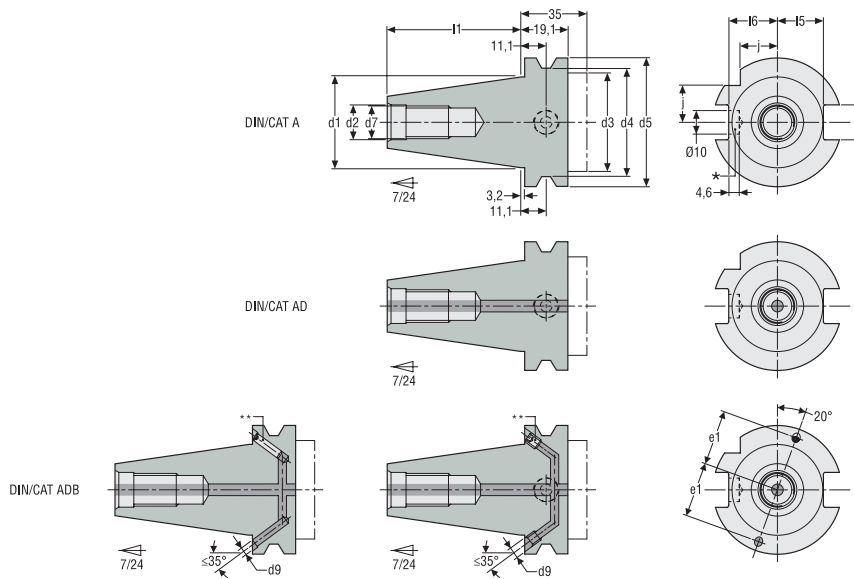


DIN

Seco range of rotating holders allow you to get the most out of both your machine and tool by offering a comprehensive array of solutions to connect them. The range covers all standard workpiece side connections, as well as unique connections. Machine side connections are included for most of the norms, including **DIN 69871**.

- Steadyline, vibration damping shell mill holders
- Shell mill holders, with through coolant channels
- Milling cutter holders, flange mounting
- Disc mill holders
- Side lock holders, Weldon
- Shrinkfit holders
- High precision collet chucks
- Hydraulics chucks and Power milling chucks
- ER collet chucks
- Drill chucks and Tapping chucks
- Taper adapters SA
- Greenstock blanks and Control bars

DIN 69871-A/AD/B (ISO 7388-1-A/AD/AF) and CAT-A/AD/B (ISO 7388-1-U/UD/UF)



** DIN40 ADB/CAT 40 and DIN50 ADB/CAT50 with sealing dowel

** DIN40 ADB/CAT 40 and DIN50 ADB/CAT50 with sealing screw

| Machine side catalogue designation | Through coolant Form | Hole for RFID carrier* | d ₁ | d ₃ max | d ₄ | d ₅ | l ₁ ^{-0.20} | d ₇ ^{6H} | d ₂ ^{H7} | d ₉ | e ₁ | l ₅ | l ₆ | b | j |
|------------------------------------|----------------------|------------------------|----------------|--------------------|----------------|----------------|---------------------------------|------------------------------|------------------------------|----------------|----------------|----------------|----------------|---------------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| DIN30 | A/AD | No* | 31,75 1.250 | 45 1.772 | 44,3 1.744 | 50 1.969 | 47,8 1.882 | M12 | 13 0.512 | - | - | 16,4 0.646 | 19 0.748 | 16,1 0.634 | 15 0.591 |
| DIN40 | A/AD | * | 44,45 1.750 | 50 1.969 | 56,25 2.215 | 63,55 2.502 | 68,4 2.693 | M16 | 17 0.669 | - | - | 22,8 0.898 | 25 0.984 | 16,1 0.634 | 18,5 0.728 |
| DIN40 AD / CAT40 | A/AD | * | 44,45 1.750 | 44,45 1.750 | 56,25 2.215 | 63,55 2.502 | 68,4 2.693 | M16 | 17 0.669 | - | - | 22,8 0.898 | 25 0.984 | 16,1 0.634 | 18,5 0.728 |
| DIN40 ADB / CAT40 | A/AD/B | * | 44,45 1.750 | 44,45 1.750 | 56,25 2.215 | 63,55 2.502 | 68,4 2.693 | M16 | 17 0.669 | 4 0.157 | 27 1.063 | 22,8 0.898 | 25 0.984 | 16,1 0.634 | 18,5 0.728 |
| DIN40 ADB | A/AD/B | * | 44,45 1.750 | 50 1.969 | 56,25 2.215 | 63,55 2.502 | 68,4 2.693 | M16 | 17 0.669 | 4 0.157 | 27 1.063 | 22,8 0.898 | 25 0.984 | 16,1 0.634 | 18,5 0.728 |
| DIN45 | A/AD | * | 57,15 2.250 | 63 2.480 | 75 2.953 | 82,55 3.250 | 82,7 3.256 | M20 | 21 0.827 | - | - | 29,1 1.146 | 31,3 1.232 | 19,3 0.760 | 24 0.945 |
| DIN50 | A/AD | * | 69,85 2.750 | 80 3.150 | 91,25 3.593 | 97,5 3.839 | 101,75 4.006 | M24 | 25 0.984 | - | - | 35,5 1.398 | 37,7 1.484 | 25,7 1.012 | 30 1.181 |
| DIN50 AD / CAT50 | A/AD | * | 69,85 2.750 | 69,85 2.750 | 91,25 3.593 | 97,5 3.839 | 101,75 4.006 | M24 | 25 0.984 | - | - | 35,5 1.398 | 37,7 1.484 | 25,7 1.012 | 30 1.181 |
| DIN50 ADB / CAT50 | A/AD/B | * | 69,85 2.750 | 69,85 2.750 | 91,25 3.593 | 97,5 3.839 | 101,75 4.006 | M24 | 25 0.984 | 6 0.236 | 42 1.654 | 35,5 1.398 | 37,7 1.484 | 25,7 1.012 | 30 1.181 |
| DIN50 ADB | A/AD/B | * | 69,85 2.750 | 80 3.150 | 91,25 3.593 | 97,5 3.839 | 101,75 4.006 | M24 | 25 0.984 | 6 0.236 | 42 1.654 | 35,5 1.398 | 37,7 1.484 | 25,7 1.012 | 30 1.181 |

Note: These machine side dimensions are applied to all the holders shown in the Product pages.

* In order to know if a hole for RFID carrier exists, see 'RFID hole' column in Product pages:

1= hole for RFID carrier available, if required a carrier can be fitted on request, please enquire.

0= hole for RFID carrier not available, if required hole can be machined and a carrier can be fitted on request, please enquire.

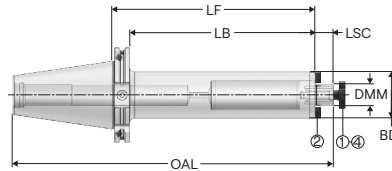
DIN/ CAT (Combined) indicate these holders of the DIN 69871 range feature the fixed diameter d3 of the ANSI B5 50/CAT norm (full ANSICAT conformity restricted by timing notch inclusion and metric pull-stud thread).

Steadyline®, vibration damping
- Metric/ Inch

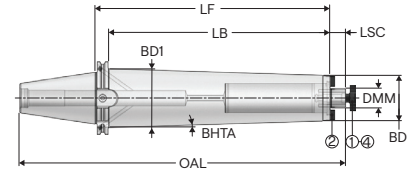
DIN 69871-ADB



Design 1



Design 2




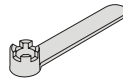
-DMM 40 mm / 1.575", includes 4 threaded holes for M12 screws on the bearing face $\varnothing 66,7$ mm / 2.626" according to DIN 6357
-For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant


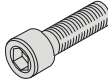


Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | BD1 | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|---------------|-----------------|---------------|---------------|------------------|-----------------|---------------|--------|-------|-----------|-----------|-----------------|
| | | | | | | | | | | | | | | |
| E3471555522210 | 02675749 | DIN50 ADB | 22,0 0.866 | 210,0 8.268 | 48,0 1.890 | 48,0 1.890 | 330,75 13.022 | 190,9 7.516 | 19,0 0.748 | 1 | - | 1 | PB | 5,36 11.820 |
| E3471555622260 | 02675750 | DIN50 ADB | 22,0 0.866 | 260,0 10.236 | 48,0 1.890 | 66,0 2.598 | 380,7 14.988 | 241,0 9.488 | 19,0 0.748 | 2 | 2,0 | 1 | PB | 7,52 16.580 |
| E3471555527260 | 02675751 | DIN50 ADB | 27,0 1.063 | 260,0 10.236 | 60,0 2.362 | 60,0 2.362 | 382,75 15.069 | 240,9 9.484 | 21,0 0.827 | 1 | - | 1 | PB | 8,52 18.780 |
| E3471555627320 | 02675752 | DIN50 ADB | 27,0 1.063 | 320,0 12.598 | 60,0 2.362 | 79,3 3.122 | 442,75 17.431 | 300,9 11.846 | 21,0 0.827 | 2 | 1,7 | 1 | PB | 12,26 27.030 |
| E3471555532330 | 02706263 | DIN50 ADB | 32,0 1.260 | 330,0 12.992 | 78,0 3.071 | 78,0 3.071 | 455,75 17.943 | 310,9 12.240 | 24,0 0.945 | 1 | - | 1 | PB | 14,96 32.980 |
| E3471555540350 | 02753471 | DIN50 ADB | 40,0 1.575 | 350,0 13.780 | 89,0 3.504 | 89,0 3.504 | 478,75 18.848 | 330,9 13.028 | 27,0 1.063 | 1 | - | 1 | PB | 20,4 44.970 |

Accessories

| For | Bolt, through coolant | Spanner |
|------------------|---|---|
| |  |  |
| DIN50/ 22/ 0.866 | 5802210L | 5812210 |
| DIN50/ 27/ 1.063 | 5802712L | 5812712 |
| DIN50/ 32/ 1.260 | 5803216L | 5813216 |
| DIN50/ 40/ 1.575 | 5804020L | 5814020 |

Spare Parts, included in delivery

| For | Bolt | Screw | Sealing Screws | Tenon |
|------------------|---|---|---|---|
| |  |  |  |  |
| DIN50/ 22/ 0.866 | 5802210 | 950D0416 | 950A0606 | 16C2101111 |
| DIN50/ 27/ 1.063 | 5802712 | 950D0516 | 950A0606 | 16C2121214A |
| DIN50/ 32/ 1.260 | 5803216 | 950D0516 | 950A0606 | 16C2141421A |
| DIN50/ 40/ 1.575 | 5804020 | 950D0616 | 950A0606 | 16C2161621A |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

Seco Capto™

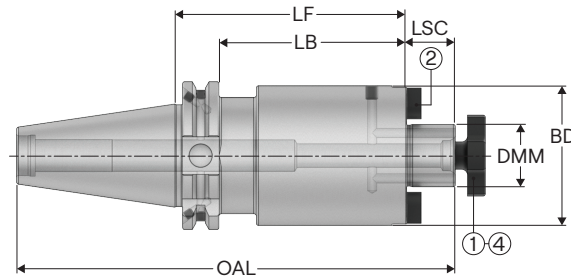
Others

Operating & setting accessories

Shrinkfit

With through coolant channels – ISO 3937
– Metric/ Inch

DIN 69871-ADB




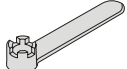
–DMM 40 mm / 1.575", includes 4 threaded holes for M12 screws on the bearing face $\varnothing 66,7$ mm / 2.626" according to DIN 6357
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant



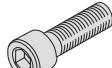

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | | LF | | BD | | OAL | | LB | LSC | RFID hole | Balancing | Weight | | | |
|----------------------|-------------|-----------|------|-------|-------|-------|------|-------|--------|--------|-------|-------|-----------|-----------|--------|------|------|--------|
| | | | mm | inch | mm | inch | mm | inch | mm | inch | | | | | | mm | inch | kg |
| DIN40ADB-SM16-035-L1 | 10007162 | DIN40 ADB | 16,0 | 0.630 | 35,0 | 1.378 | 38,0 | 1.496 | 120,4 | 4.740 | 15,9 | 0.626 | 17,0 | 0.669 | 1 | G6.3 | 1,0 | 2.200 |
| DIN40ADB-SM16-100-L1 | 10007163 | DIN40 ADB | 16,0 | 0.630 | 100,0 | 3.937 | 38,0 | 1.496 | 185,4 | 7.299 | 80,9 | 3.185 | 17,0 | 0.669 | 1 | G6.3 | 1,6 | 3.530 |
| DIN40ADB-SM22-035-L1 | 10007164 | DIN40 ADB | 22,0 | 0.866 | 35,0 | 1.378 | 48,0 | 1.890 | 122,4 | 4.819 | 15,9 | 0.626 | 19,0 | 0.748 | 1 | G6.3 | 1,1 | 2.430 |
| DIN40ADB-SM22-100-L1 | 10007167 | DIN40 ADB | 22,0 | 0.866 | 100,0 | 3.937 | 48,0 | 1.890 | 187,4 | 7.378 | 80,9 | 3.185 | 19,0 | 0.748 | 1 | G6.3 | 2,0 | 4.410 |
| DIN40ADB-SM27-045-L1 | 10007169 | DIN40 ADB | 27,0 | 1.063 | 45,0 | 1.772 | 60,0 | 2.362 | 134,4 | 5.291 | 25,9 | 1.020 | 21,0 | 0.827 | 1 | G6.3 | 1,4 | 3.090 |
| DIN40ADB-SM27-100-L1 | 10007171 | DIN40 ADB | 27,0 | 1.063 | 100,0 | 3.937 | 60,0 | 2.362 | 189,4 | 7.457 | 80,9 | 3.185 | 21,0 | 0.827 | 1 | G6.3 | 2,6 | 5.730 |
| DIN40ADB-SM32-050-L1 | 10007172 | DIN40 ADB | 32,0 | 1.260 | 50,0 | 1.969 | 78,0 | 3.071 | 142,4 | 5.606 | 30,9 | 1.217 | 24,0 | 0.945 | 1 | G6.3 | 1,8 | 3.970 |
| DIN40ADB-SM40-050-L1 | 10007174 | DIN40 ADB | 40,0 | 1.575 | 50,0 | 1.969 | 89,0 | 3.504 | 145,4 | 5.724 | 30,9 | 1.217 | 27,0 | 1.063 | 1 | G6.3 | 2,0 | 4.410 |
| DIN50ADB-SM16-100-L1 | 10007177 | DIN50 ADB | 16,0 | 0.630 | 100,0 | 3.937 | 38,0 | 1.496 | 218,75 | 8.612 | 80,9 | 3.185 | 17,0 | 0.669 | 1 | G6.3 | 3,3 | 7.280 |
| DIN50ADB-SM22-035-L1 | 10007178 | DIN50 ADB | 22,0 | 0.866 | 35,0 | 1.378 | 48,0 | 1.890 | 155,75 | 6.132 | 15,9 | 0.626 | 19,0 | 0.748 | 1 | G6.3 | 2,8 | 6.170 |
| DIN50ADB-SM22-100-L1 | 10007179 | DIN50 ADB | 22,0 | 0.866 | 100,0 | 3.937 | 48,0 | 1.890 | 220,75 | 8.691 | 80,9 | 3.185 | 19,0 | 0.748 | 1 | G6.3 | 3,7 | 8.160 |
| DIN50ADB-SM22-160-L1 | 10007180 | DIN50 ADB | 22,0 | 0.866 | 160,0 | 6.299 | 48,0 | 1.890 | 280,75 | 11.053 | 140,9 | 5.547 | 19,0 | 0.748 | 1 | G6.3 | 4,6 | 10.140 |
| DIN50ADB-SM27-040-L1 | 10007181 | DIN50 ADB | 27,0 | 1.063 | 40,0 | 1.575 | 60,0 | 2.362 | 162,75 | 6.407 | 20,9 | 0.823 | 21,0 | 0.827 | 1 | G6.3 | 3,1 | 6.830 |
| DIN50ADB-SM27-100-L1 | 10007182 | DIN50 ADB | 27,0 | 1.063 | 100,0 | 3.937 | 60,0 | 2.362 | 222,75 | 8.770 | 80,9 | 3.185 | 21,0 | 0.827 | 1 | G6.3 | 4,4 | 9.700 |
| DIN50ADB-SM27-160-L1 | 10007183 | DIN50 ADB | 27,0 | 1.063 | 160,0 | 6.299 | 60,0 | 2.362 | 282,75 | 11.132 | 140,9 | 5.547 | 21,0 | 0.827 | 1 | G6.3 | 5,7 | 12.570 |
| DIN50ADB-SM32-050-L1 | 10007184 | DIN50 ADB | 32,0 | 1.260 | 50,0 | 1.969 | 78,0 | 3.071 | 175,75 | 6.919 | 30,9 | 1.217 | 24,0 | 0.945 | 1 | G6.3 | 3,8 | 8.380 |
| DIN50ADB-SM32-100-L1 | 10007185 | DIN50 ADB | 32,0 | 1.260 | 100,0 | 3.937 | 78,0 | 3.071 | 225,75 | 8.888 | 80,9 | 3.185 | 24,0 | 0.945 | 1 | G6.3 | 5,7 | 12.570 |
| DIN50ADB-SM32-160-L1 | 10007186 | DIN50 ADB | 32,0 | 1.260 | 160,0 | 6.299 | 78,0 | 3.071 | 285,75 | 11.250 | 140,9 | 5.547 | 24,0 | 0.945 | 1 | G6.3 | 7,9 | 17.420 |
| DIN50ADB-SM40-050-L1 | 10007187 | DIN50 ADB | 40,0 | 1.575 | 50,0 | 1.969 | 89,0 | 3.504 | 178,75 | 7.037 | 30,9 | 1.217 | 27,0 | 1.063 | 1 | G6.3 | 4,1 | 9.040 |
| DIN50ADB-SM40-100-L1 | 10007188 | DIN50 ADB | 40,0 | 1.575 | 100,0 | 3.937 | 89,0 | 3.504 | 228,75 | 9.006 | 80,9 | 3.185 | 27,0 | 1.063 | 1 | G6.3 | 6,5 | 14.330 |
| DIN50ADB-SM40-160-L1 | 10007189 | DIN50 ADB | 40,0 | 1.575 | 160,0 | 6.299 | 89,0 | 3.504 | 288,75 | 11.368 | 140,9 | 5.547 | 27,0 | 1.063 | 1 | G6.3 | 9,3 | 20.500 |

Accessories

| For | Bolt, through coolant | Spanner |
|------------------|---|---|
| |  |  |
| DIN40/ 16/ 0.630 | 5801608L | 5811608 |
| DIN40/ 22/ 0.866 | 5802210L | 5812210 |
| DIN40/ 27/ 1.063 | 5802712L | 5812712 |
| DIN40/ 32/ 1.260 | 5803216L | 5813216 |
| DIN40/ 40/ 1.575 | 5804020L | 5814020 |
| DIN50/ 16/ 0.630 | 5801608L | 5811608 |
| DIN50/ 22/ 0.866 | 5802210L | 5812210 |
| DIN50/ 27/ 1.063 | 5802712L | 5812712 |
| DIN50/ 32/ 1.260 | 5803216L | 5813216 |
| DIN50/ 40/ 1.575 | 5804020L | 5814020 |

Spare Parts, included in delivery

| For | Bolt | Plug | Screw | Tenon |
|------------------|---|---|--|---|
| |  |  |  |  |
| DIN40/ 16/ 0.630 | 5801608 | 950AIE0404 | 950D0312 | 16C716A |
| DIN40/ 22/ 0.866 | 5802210 | 950AIE0404 | 950D0412 | 16C722A |
| DIN40/ 27/ 1.063 | 5802712 | 950AIE0404 | 950D0515 | 16C727A |
| DIN40/ 32/ 1.260 | 5803216 | 950AIE0404 | 950D0615 | 16C732A |
| DIN40/ 40/ 1.575 | 5804020 | 950AIE0404 | 950D0615 | 16C740A |
| DIN50/ 16/ 0.630 | 5801608 | 950AIE0505 | 950D0312 | 16C716A |
| DIN50/ 22/ 0.866 | 5802210 | 950AIE0505 | 950D0412 | 16C722A |
| DIN50/ 27/ 1.063 | 5802712 | 950AIE0505 | 950D0515 | 16C727A |
| DIN50/ 32/ 1.260 | 5803216 | 950AIE0505 | 950D0615 | 16C732A |
| DIN50/ 40/ 1.575 | 5804020 | 950AIE0505 | 950D0615 | 16C740A |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Small face with through coolant channels – ISO 3937
– Metric/ Inch

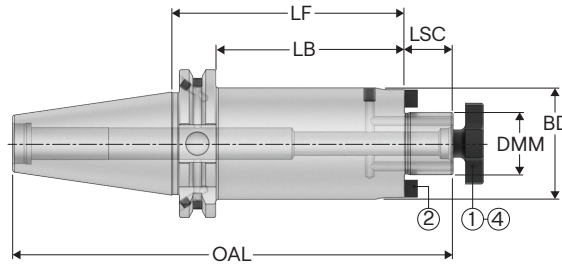
DIN 69871-ADB

Guide

HSK-A

HSK-E

DIN



–Small workpiece side diameter BD according to ISO 3937, suitable for Seco disc mill cutters Type B
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw

BT JIS

CAT

Combimaster

Graflex

Seco Capto™


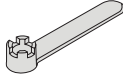
Others

Operating & setting accessories





Shrinkfit

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|------------------------|-------------|-----------|---------------|----------------|---------------|------------------|----------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| DIN40ADB-SM22-044-F3L1 | 10007165 | DIN40 ADB | 22,0 0.866 | 44,0 1.732 | 40,0 1.575 | 131,4 5.173 | 24,9 0.980 | 19,0 0.748 | 1 | G6.3 | 1,1 2.430 |
| DIN40ADB-SM22-100-F3L1 | 10007166 | DIN40 ADB | 22,0 0.866 | 100,0 3.937 | 40,0 1.575 | 187,4 7.378 | 80,9 3.185 | 19,0 0.748 | 1 | G6.3 | 1,7 3.750 |
| DIN40ADB-SM27-044-F3L1 | 10007175 | DIN40 ADB | 27,0 1.063 | 44,0 1.732 | 48,0 1.890 | 133,4 5.252 | 24,9 0.980 | 21,0 0.827 | 1 | G6.3 | 1,3 2.870 |
| DIN40ADB-SM27-100-F3L1 | 10007170 | DIN40 ADB | 27,0 1.063 | 100,0 3.937 | 48,0 1.890 | 189,4 7.457 | 80,9 3.185 | 21,0 0.827 | 1 | G6.3 | 2,0 4.410 |
| DIN40ADB-SM32-060-F3L1 | 10007176 | DIN40 ADB | 32,0 1.260 | 60,0 2.362 | 58,0 2.283 | 152,4 6.000 | 40,9 1.610 | 24,0 0.945 | 1 | G6.3 | 1,6 3.530 |
| DIN40ADB-SM40-060-F3L1 | 10007173 | DIN40 ADB | 40,0 1.575 | 60,0 2.362 | 70,0 2.756 | 155,4 6.118 | 40,9 1.610 | 27,0 1.063 | 1 | G6.3 | 2,1 4.630 |
| DIN50ADB-SM22-044-F3L1 | 03301599 | DIN50 ADB | 22,0 0.866 | 44,0 1.732 | 40,0 1.575 | 164,75 6.486 | 24,9 0.980 | 19,0 0.748 | 1 | G6.3 | 2,8 6.170 |
| DIN50ADB-SM22-100-F3L1 | 03301600 | DIN50 ADB | 22,0 0.866 | 100,0 3.937 | 40,0 1.575 | 220,75 8.691 | 80,9 3.185 | 19,0 0.748 | 1 | G6.3 | 3,4 7.500 |
| DIN50ADB-SM22-160-F3L1 | 03301601 | DIN50 ADB | 22,0 0.866 | 160,0 6.299 | 40,0 1.575 | 280,75 11.053 | 140,9 5.547 | 19,0 0.748 | 1 | G6.3 | 3,9 8.600 |
| DIN50ADB-SM27-044-F3L1 | 10007147 | DIN50 ADB | 27,0 1.063 | 44,0 1.732 | 48,0 1.890 | 166,75 6.565 | 24,9 0.980 | 27,0 1.063 | 1 | G6.3 | 2,8 6.170 |
| DIN50ADB-SM27-100-F3L1 | 03301602 | DIN50 ADB | 27,0 1.063 | 100,0 3.937 | 48,0 1.890 | 222,75 8.770 | 80,9 3.185 | 21,0 0.827 | 1 | G6.3 | 3,8 8.380 |
| DIN50ADB-SM27-160-F3L1 | 03301603 | DIN50 ADB | 27,0 1.063 | 160,0 6.299 | 48,0 1.890 | 282,75 11.132 | 140,9 5.547 | 21,0 0.827 | 1 | G6.3 | 4,6 10.140 |
| DIN50ADB-SM32-044-F3L1 | 10007161 | DIN50 ADB | 32,0 1.260 | 44,0 1.732 | 58,0 2.283 | 169,75 6.683 | 24,9 0.980 | 27,0 1.063 | 1 | G6.3 | 3,2 7.050 |
| DIN50ADB-SM32-100-F3L1 | 03301604 | DIN50 ADB | 32,0 1.260 | 100,0 3.937 | 58,0 2.283 | 225,75 8.888 | 80,9 3.185 | 24,0 0.945 | 1 | G6.3 | 4,4 9.700 |
| DIN50ADB-SM32-160-F3L1 | 03301605 | DIN50 ADB | 32,0 1.260 | 160,0 6.299 | 58,0 2.283 | 285,75 11.250 | 140,9 5.547 | 24,0 0.945 | 1 | G6.3 | 5,5 12.130 |
| DIN50ADB-SM40-044-F3L1 | 10007168 | DIN50 ADB | 40,0 1.575 | 44,0 1.732 | 70,0 2.756 | 172,75 6.801 | 24,9 0.980 | 27,0 1.063 | 1 | G6.3 | 3,6 7.940 |
| DIN50ADB-SM40-100-F3L1 | 03301606 | DIN50 ADB | 40,0 1.575 | 100,0 3.937 | 70,0 2.756 | 228,75 9.006 | 80,9 3.185 | 27,0 1.063 | 1 | G6.3 | 5,2 11.460 |
| DIN50ADB-SM40-160-F3L1 | 03301607 | DIN50 ADB | 40,0 1.575 | 160,0 6.299 | 70,0 2.756 | 288,75 11.368 | 140,9 5.547 | 27,0 1.063 | 1 | G6.3 | 6,9 15.210 |

Accessories

| For | Bolt, through coolant | Spanner |
|-------------------------|---|---|
| |  |  |
| DIN40/ 22/ 0.866 | 5802210L | 5812210 |
| DIN40/ 27/ 1.063 | 5802712L | 5812712 |
| DIN40/ 32/ 1.260 | 5803216L | 5813216 |
| DIN40/ 40/ 1.575 | 5804020L | 5814020 |
| DIN50/ 22/ 0.866 | 5802210L | 5812210 |
| DIN50/ 22/ 0.866 (-044) | 5802210L | 5812210 |
| DIN50/ 27/ 1.063 | 5802712L | 5812712 |
| DIN50/ 27/ 1.063 (-044) | 5802712L | 5812712 |
| DIN50/ 32/ 1.260 | 5803216L | 5813216 |
| DIN50/ 40/ 1.575 | 5804020L | 5814020 |

Spare Parts, included in delivery

| For | Bolt | Plug | Screw | Tenon |
|-------------------------|---|---|---|---|
| |  |  |  |  |
| DIN40/ 22/ 0.866 | 5802210 | 950AIE0404 | 950D0410 | 16C722 |
| DIN40/ 27/ 1.063 | 5802712 | 950AIE0404 | 950D0512 | 16C727 |
| DIN40/ 32/ 1.260 | 5803216 | 950AIE0404 | 950D0612 | 16C732 |
| DIN40/ 40/ 1.575 | 5804020 | 950AIE0404 | 950D0615 | 16C740 |
| DIN50/ 22/ 0.866 | 5802210 | 950AIE0505 | 950D0410 | 16C722 |
| DIN50/ 22/ 0.866 (-044) | 5802210 | 950AIE0505 | 950D0410 | 16C727 |
| DIN50/ 27/ 1.063 | 5802712 | 950AIE0505 | 950D0512 | 16C727 |
| DIN50/ 27/ 1.063 (-044) | 5802712 | 950AIE0505 | 950D0515 | 16C727A |
| DIN50/ 32/ 1.260 | 5803216 | 950AIE0505 | 950D0616 | 16C732 |
| DIN50/ 40/ 1.575 | 5804020 | 950AIE0505 | 950D0616 | 16C740 |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

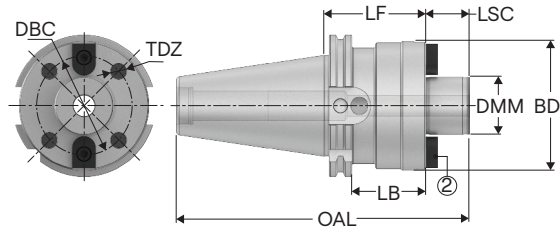
Flange mounting – DIN 6357/ DIN 2079
– Metric/ Inch

Guide

HSK-A

HSK-E

DIN



–For ISO attribute explanation, see page 15

Spare parts:
2 = Tenon/Screw

BT JIS

CAT

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LSC | DBC | TDZ | RFID hole | Balan- cing | Weight |
|-------------------|-------------|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----|-----------|----------------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | | kg <i>lbs</i> |
| DIN50AD-SMF40-070 | 03301611 | DIN50 AD | 40,0 1.575 | 70,0 2.756 | 89,0 3.504 | 201,75 7.943 | 30,0 1.181 | 66,7 2.626 | M12 | 1 | G6.3 | 4,9 10.800 |
| DIN50AD-SMF60-070 | 03301612 | DIN50 AD | 60,0 2.362 | 70,0 2.756 | 129,0 5.079 | 211,75 8.337 | 40,0 1.575 | 101,6 4.000 | M16 | 1 | G6.3 | 7,4 16.310 |

Spare Parts, included in delivery

Combimaster

Graflex

Seco Capto™

Others

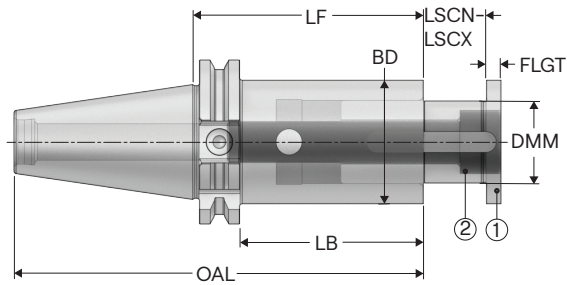
Operating &
setting acces-
series

Shrinkfit

| For | Screw | Tenon |
|-------------------|----------|----------|
| DIN50AD-SMF40-070 | 950D0616 | 16C34040 |
| DIN50AD-SMF60-070 | 950D1225 | 16C35060 |



- Metric/ Inch

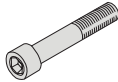



- Best suited for Seco disc mill cutters Type A
 - For ISO attribute explanation, see page 15

Spare parts:
 1 = Slide rod
 2 = Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | FLGT | LSCN | LSCX | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|---------------|-----------------|----------------|--------------|------------|---------------|-----------|-----------|----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| E446956572265 | 02602691 | DIN40 AD | 22,0 0.866 | 65,0 2.559 | 35,0 1.378 | 133,4 5.252 | 45,9 1.807 | 4,0 0.157 | 0,0 0.0 | 12,0 0.472 | 1 | PB | 1,2 2.650 |
| E446956572765 | 02602693 | DIN40 AD | 27,0 1.063 | 65,0 2.559 | 42,0 1.654 | 133,4 5.252 | 45,9 1.807 | 5,0 0.197 | 0,0 0.0 | 15,0 0.591 | 1 | PB | 1,4 3.090 |
| E446956573290 | 02602694 | DIN40 AD | 32,0 1.260 | 90,0 3.543 | 48,0 1.890 | 158,4 6.236 | 70,9 2.791 | 6,0 0.236 | 0,0 0.0 | 24,0 0.945 | 1 | PB | 1,9 4.190 |
| E4471565740100 | 02602697 | DIN50 AD | 40,0 1.575 | 100,0 3.937 | 58,0 2.283 | 201,7 7.941 | 80,9 3.185 | 7,0 0.276 | 0,0 0.0 | 30,0 1.181 | 1 | PB | 4,4 9.700 |
| E4471565750160 | 02602699 | DIN50 AD | 50,0 1.969 | 160,0 6.299 | 72,0 2.835 | 261,7 10.303 | 140,9 5.547 | 8,0 0.315 | 0,0 0.0 | 32,0 1.260 | 1 | PB | 7,06 15.560 |

Spare Parts, included in delivery

| For | Screw | Slide rod |
|-----------|---|--|
| 22/ 0.866 |  19C565722 |  565722 |
| 27/ 1.063 | 19C565727 | 565727 |
| 32/ 1.260 | 950D1690 | 565732 |
| 40/ 1.575 | 19C565740 | 565740 |
| 50/ 1.969 | 19C565750 | 565750 |

Guide

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HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

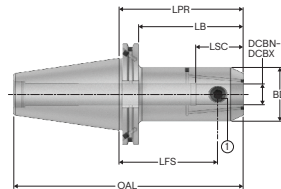
Shrinkfit

DIN 1835 Form B/ DIN 6535 Form HB
– Metric/ Inch

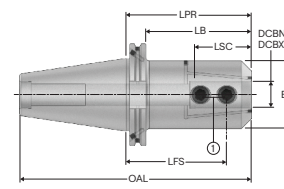
DIN 69871-ADB



Design 1



Design 2






–Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
–With 2 coolant channels for front lubrication which can be sealed with included screws
–For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| BT JIS | Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|--------|----------------------|-------------|-----------|---------------|----------------|----------------|---------------|---------------|-----------------|----------------|--------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | |
| | DIN40ADB-EM06-050-L1 | 10007238 | DIN40 ADB | 6,0 0.236 | 50,0 1.969 | 30,9 1.217 | 35,0 1.378 | 25,0 0.984 | 118,4 4.661 | 32,0 1.260 | 1 | 1 | G6.3 | 0,9 1.980 |
| | DIN40ADB-EM06-120-L1 | 10007239 | DIN40 ADB | 6,0 0.236 | 120,0 4.724 | 100,9 3.972 | 35,0 1.378 | 25,0 0.984 | 188,4 7.417 | 102,0 4.016 | 1 | 1 | G6.3 | 1,1 2.430 |
| | DIN40ADB-EM08-050-L1 | 10007240 | DIN40 ADB | 8,0 0.315 | 50,0 1.969 | 30,9 1.217 | 35,0 1.378 | 28,0 1.102 | 118,4 4.661 | 32,0 1.260 | 1 | 1 | G6.3 | 0,9 1.980 |
| | DIN40ADB-EM08-120-L1 | 10325542 | DIN40 ADB | 8,0 0.315 | 120,0 4.724 | 100,9 3.972 | 35,3 1.390 | 28,0 1.102 | 188,4 7.417 | 102,0 4.016 | 1 | 1 | G6.3 | 1,3 2.870 |
| | DIN40ADB-EM10-050-L1 | 10007241 | DIN40 ADB | 10,0 0.394 | 50,0 1.969 | 30,9 1.217 | 36,0 1.417 | 35,0 1.378 | 118,4 4.661 | 30,0 1.181 | 1 | 1 | G6.3 | 1,0 2.200 |
| | DIN40ADB-EM10-120-L1 | 10325543 | DIN40 ADB | 10,0 0.394 | 120,0 4.724 | 100,9 3.972 | 35,7 1.406 | 35,0 1.378 | 188,4 7.417 | 100,0 3.937 | 1 | 1 | G6.3 | 1,5 3.310 |
| | DIN40ADB-EM12-050-L1 | 10007242 | DIN40 ADB | 12,0 0.472 | 50,0 1.969 | 30,9 1.217 | 41,0 1.614 | 42,0 1.654 | 118,4 4.661 | 27,5 1.083 | 1 | 1 | G6.3 | 1,1 2.430 |
| | DIN40ADB-EM12-120-L1 | 10325544 | DIN40 ADB | 12,0 0.472 | 120,0 4.724 | 100,9 3.972 | 41,0 1.614 | 42,0 1.654 | 188,4 7.417 | 97,5 3.839 | 1 | 1 | G6.3 | 1,8 3.970 |
| | DIN40ADB-EM14-050-L1 | 10007243 | DIN40 ADB | 14,0 0.551 | 50,0 1.969 | 30,9 1.217 | 41,0 1.614 | 44,0 1.732 | 118,4 4.661 | 27,5 1.083 | 1 | 1 | G6.3 | 1,1 2.430 |
| | DIN40ADB-EM16-063-L1 | 10007244 | DIN40 ADB | 16,0 0.630 | 63,0 2.480 | 43,9 1.728 | 44,0 1.732 | 48,0 1.890 | 131,4 5.173 | 39,0 1.535 | 1 | 1 | G6.3 | 1,3 2.870 |
| | DIN40ADB-EM16-120-L1 | 10007245 | DIN40 ADB | 16,0 0.630 | 120,0 4.724 | 100,9 3.972 | 44,0 1.732 | 48,0 1.890 | 188,4 7.417 | 96,0 3.780 | 1 | 1 | G6.3 | 2,1 4.630 |
| | DIN40ADB-EM18-063-L1 | 10007246 | DIN40 ADB | 18,0 0.709 | 63,0 2.480 | 43,9 1.728 | 44,0 1.732 | 50,0 1.969 | 131,4 5.173 | 39,0 1.535 | 1 | 1 | G6.3 | 1,3 2.870 |
| | DIN40ADB-EM20-063-L1 | 10007248 | DIN40 ADB | 20,0 0.787 | 63,0 2.480 | 43,9 1.728 | 46,0 1.811 | 52,0 2.047 | 131,4 5.173 | 38,0 1.496 | 1 | 1 | G6.3 | 1,4 3.090 |
| | DIN40ADB-EM20-120-L1 | 10007249 | DIN40 ADB | 20,0 0.787 | 120,0 4.724 | 100,9 3.972 | 46,0 1.811 | 52,0 2.047 | 188,4 7.417 | 95,0 3.740 | 1 | 1 | G6.3 | 2,3 5.070 |
| | DIN40ADB-EM25-100-L1 | 10007251 | DIN40 ADB | 25,0 0.984 | 100,0 3.937 | 80,9 3.185 | 54,0 2.126 | 63,0 2.480 | 168,4 6.630 | 76,0 2.992 | 2 | 1 | G6.3 | 2,2 4.850 |
| | DIN40ADB-EM32-100-L1 | 10007253 | DIN40 ADB | 32,0 1.260 | 100,0 3.937 | 80,9 3.185 | 58,0 2.283 | 72,0 2.835 | 168,4 6.630 | 76,0 2.992 | 2 | 1 | G6.3 | 2,5 5.510 |
| | DIN50ADB-EM06-063-L1 | 10007254 | DIN50 ADB | 6,0 0.236 | 63,0 2.480 | 43,9 1.728 | 35,0 1.378 | 25,0 0.984 | 164,75 6.486 | 45,0 1.772 | 1 | 1 | G6.3 | 2,7 5.950 |
| | DIN50ADB-EM06-120-L1 | 03301716 | DIN50 ADB | 6,0 0.236 | 120,0 4.724 | 100,9 3.972 | 35,0 1.378 | 25,0 0.984 | 221,75 8.730 | 102,0 4.016 | 1 | 1 | G6.3 | 2,9 6.390 |
| | DIN50ADB-EM08-063-L1 | 10007255 | DIN50 ADB | 8,0 0.315 | 63,0 2.480 | 43,9 1.728 | 35,0 1.378 | 28,0 1.102 | 164,75 6.486 | 45,0 1.772 | 1 | 1 | G6.3 | 2,7 5.950 |
| | DIN50ADB-EM08-120-L1 | 10007256 | DIN50 ADB | 8,0 0.315 | 120,0 4.724 | 100,9 3.972 | 35,0 1.378 | 28,0 1.102 | 221,75 8.730 | 102,0 4.016 | 1 | 1 | G6.3 | 3,0 6.610 |
| | DIN50ADB-EM10-063-L1 | 10007257 | DIN50 ADB | 10,0 0.394 | 63,0 2.480 | 43,9 1.728 | 36,0 1.417 | 35,0 1.378 | 164,75 6.486 | 43,0 1.693 | 1 | 1 | G6.3 | 2,8 6.170 |
| | DIN50ADB-EM10-120-L1 | 10007258 | DIN50 ADB | 10,0 0.394 | 120,0 4.724 | 100,9 3.972 | 36,0 1.417 | 35,0 1.378 | 221,75 8.730 | 100,0 3.937 | 1 | 1 | G6.3 | 3,0 6.610 |

| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|----------------------|-------------|-----------|---------------|----------------|----------------|---------------|----------------|------------------|----------------|-----|--------|-----------|---------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | |
| DIN50ADB-EM12-063-L1 | 10007259 | DIN50 ADB | 12,0 0.472 | 63,0 2.480 | 43,9 1.728 | 41,0 1.614 | 42,0 1.654 | 164,75 6.486 | 40,5 1.594 | 1 | 1 | G6.3 | 2,9 6.390 | |
| DIN50ADB-EM12-120-L1 | 10007260 | DIN50 ADB | 12,0 0.472 | 120,0 4.724 | 100,9 3.972 | 41,0 1.614 | 42,0 1.654 | 221,75 8.730 | 97,5 3.839 | 1 | 1 | G6.3 | 3,5 7.720 | |
| DIN50ADB-EM14-063-L1 | 10007261 | DIN50 ADB | 14,0 0.551 | 63,0 2.480 | 43,9 1.728 | 41,0 1.614 | 44,0 1.732 | 164,75 6.486 | 40,5 1.594 | 1 | 1 | G6.3 | 2,9 6.390 | |
| DIN50ADB-EM16-063-L1 | 10007262 | DIN50 ADB | 16,0 0.630 | 63,0 2.480 | 43,9 1.728 | 44,0 1.732 | 48,0 1.890 | 164,75 6.486 | 39,0 1.535 | 1 | 1 | G6.3 | 3,0 6.610 | |
| DIN50ADB-EM16-120-L1 | 10007263 | DIN50 ADB | 16,0 0.630 | 120,0 4.724 | 100,9 3.972 | 44,0 1.732 | 48,0 1.890 | 221,75 8.730 | 96,0 3.780 | 1 | 1 | G6.3 | 3,7 8.160 | |
| DIN50ADB-EM16-160-L1 | 10007264 | DIN50 ADB | 16,0 0.630 | 160,0 6.299 | 140,9 5.547 | 44,0 1.732 | 48,0 1.890 | 261,75 10.305 | 136,0 5.354 | 1 | 1 | G6.3 | 4,2 9.260 | |
| DIN50ADB-EM18-063-L1 | 10007265 | DIN50 ADB | 18,0 0.709 | 63,0 2.480 | 43,9 1.728 | 44,0 1.732 | 50,0 1.969 | 164,75 6.486 | 39,0 1.535 | 1 | 1 | G6.3 | 3,1 6.830 | |
| DIN50ADB-EM20-063-L1 | 10007266 | DIN50 ADB | 20,0 0.787 | 63,0 2.480 | 43,9 1.728 | 46,0 1.811 | 52,0 2.047 | 164,75 6.486 | 38,0 1.496 | 1 | 1 | G6.3 | 3,1 6.830 | |
| DIN50ADB-EM20-120-L1 | 10007267 | DIN50 ADB | 20,0 0.787 | 120,0 4.724 | 100,9 3.972 | 46,0 1.811 | 52,0 2.047 | 221,75 8.730 | 95,0 3.740 | 1 | 1 | G6.3 | 3,9 8.600 | |
| DIN50ADB-EM25-080-L1 | 10007268 | DIN50 ADB | 25,0 0.984 | 80,0 3.150 | 60,9 2.398 | 54,0 2.126 | 65,0 2.559 | 181,75 7.156 | 56,0 2.205 | 2 | 1 | G6.3 | 3,8 8.380 | |
| DIN50ADB-EM25-120-L1 | 10007269 | DIN50 ADB | 25,0 0.984 | 120,0 4.724 | 100,9 3.972 | 54,0 2.126 | 65,0 2.559 | 221,75 8.730 | 96,0 3.780 | 2 | 1 | G6.3 | 4,7 10.360 | |
| DIN50ADB-EM32-100-L1 | 10007270 | DIN50 ADB | 32,0 1.260 | 100,0 3.937 | 80,9 3.185 | 58,0 2.283 | 72,0 2.835 | 201,75 7.943 | 76,0 2.992 | 2 | 1 | G6.3 | 4,5 9.920 | |
| DIN50ADB-EM40-120-L1 | 10007271 | DIN50 ADB | 40,0 1.575 | 120,0 4.724 | 100,9 3.972 | 68,0 2.677 | 80,0 3.150 | 221,75 8.730 | 90,0 3.543 | 2 | 1 | G6.3 | 5,6 12.350 | |
| DIN50ADB-EM50-130-L1 | 10007272 | DIN50 ADB | 50,0 1.969 | 130,0 5.118 | 110,9 4.366 | 78,0 3.071 | 100,0 3.937 | 231,75 9.124 | 95,0 3.740 | 2 | 1 | G6.3 | 7,3 16.090 | |

Spare Parts, included in delivery

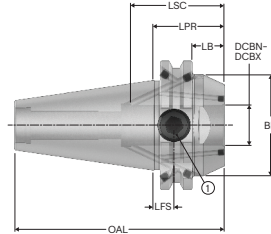
| For | Coolant screw | Locking screw | Plug |
|----------------------------|---|---|---|
| |  |  |  |
| DIN40/ 10/ 0.394 | 950A0304 | 951C1012 | 950AIE0404 |
| DIN40/ 10/ 0.394 | 950A0304 | 951C1012 | - |
| DIN40/ 12/ 0.472 | 950A0304 | 951C1216 | 950AIE0404 |
| DIN40/ 12/ 0.472 | 950A0304 | 951C1216 | - |
| DIN40/ 14/ 0.551 | 950A0304 | 951C1216 | 950AIE0404 |
| DIN40/ 16/ 0.630-18/ 0.709 | 950A0304 | 951C1416 | 950AIE0404 |
| DIN40/ 20/ 0.787 | 950A0304 | 951C1616 | 950AIE0404 |
| DIN40/ 25/ 0.984 | 950A0304 | 951C1820 | 950AIE0404 |
| DIN40/ 32/ 1.260 | 950A0304 | 951C2020 | 950AIE0404 |
| DIN40/ 6/ 0.236 | 950A0304 | 951C0610 | 950AIE0404 |
| DIN40/ 8/ 0.315 | 950A0304 | 951C0810 | 950AIE0404 |
| DIN40/ 8/ 0.315 | 950A0304 | 951C0810 | - |
| DIN50/ 10/ 0.394 | 950A0304 | 951C1012 | 950AIE0505 |
| DIN50/ 12/ 0.472 | 950A0304 | 951C1216 | 950AIE0505 |
| DIN50/ 14/ 0.551 | 950A0304 | 951C1216 | 950AIE0505 |
| DIN50/ 16/ 0.630-18/ 0.709 | 950A0304 | 951C1416 | 950AIE0505 |
| DIN50/ 20/ 0.787 | 950A0304 | 951C1616 | 950AIE0505 |
| DIN50/ 25/ 0.984 | 950A0304 | 951C1820 | 950AIE0505 |
| DIN50/ 32/ 1.260-40/ 1.575 | 950A0304 | 951C2020 | 950AIE0505 |
| DIN50/ 50/ 1.969 | 950A0304 | 951C2425 | 950AIE0505 |
| DIN50/ 6/ 0.236 | 950A0304 | 951C0610 | 950AIE0505 |
| DIN50/ 8/ 0.315 | 950A0304 | 951C0810 | 950AIE0505 |

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Operating & setting accessories
Shrinkfit

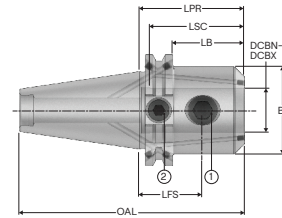
Short type
- Metric/ Inch



Design 1



Design 2







-Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
-With 2 coolant channels for front lubrication which can be sealed with included screws
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw
2 = Locking screw, reduced

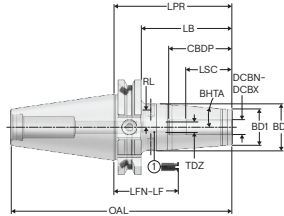
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|------------------------|-------------|-----------|---------------|---------------|---------------|---------------|---------------|-----------------|---------------|--------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| DIN40ADB-EM20-035-F5L1 | 10007247 | DIN40 ADB | 20,0 0.787 | 35,0 1.378 | 15,9 0.626 | 46,0 1.811 | 50,0 1.969 | 103,4 4.071 | 10,0 0.394 | 1 | 1 | G6.3 | 0,9 1.980 |
| DIN40ADB-EM25-060-F5L1 | 10007250 | DIN40 ADB | 25,0 0.984 | 60,0 2.362 | 40,9 1.610 | 54,0 2.126 | 50,0 1.969 | 128,4 5.055 | 36,0 1.417 | 2 | 1 | G6.3 | 1,2 2.650 |
| DIN40ADB-EM32-075-F5L1 | 10007252 | DIN40 ADB | 32,0 1.260 | 75,0 2.953 | 55,9 2.201 | 58,0 2.283 | 72,0 2.835 | 143,4 5.646 | 51,0 2.008 | 2 | 1 | G6.3 | 1,7 3.750 |
| DIN50ADB-EM25-060-F5L1 | 03301717 | DIN50 ADB | 25,0 0.984 | 60,0 2.362 | 40,9 1.610 | 55,0 2.165 | 65,0 2.559 | 161,75 6.368 | 36,5 1.437 | 2 | 0 | G6.3 | 3,3 7.280 |
| DIN50ADB-EM32-060-F5L1 | 03301718 | DIN50 ADB | 32,0 1.260 | 60,0 2.362 | 40,9 1.610 | 58,0 2.283 | 72,0 2.835 | 161,75 6.368 | 36,0 1.417 | 2 | 0 | G6.3 | 3,4 7.500 |

Spare Parts, included in delivery

| For | Coolant screw | Locking screw | Locking screw, reduced | Plug |
|------------------------|---|---|--|---|
| |  |  |  |  |
| DIN40ADB-EM20-035-F5L1 | 950A0304 | 951C1614 | - | 950AIE0404 |
| DIN40ADB-EM25-060-F5L1 | 950A0304 | 951C1814 | 950A1410 | 950AIE0404 |
| DIN40ADB-EM32-075-F5L1 | 950A0304 | 951C2020 | 950A1410 | 950AIE0404 |
| DIN50ADB-EM25-060-F5L1 | 950A0304 | 951C1820 | 950A1416 | 950AIE0505 |
| DIN50ADB-EM32-060-F5L1 | 950A0304 | 951C2020 | 950A1416 | 950AIE0505 |

DIN type
- Metric/ Inch




DIN 69871-ADB



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

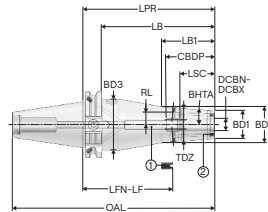
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|----------------|----------------|---------------|------------|------------|------------|------------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| E346956030680 | 02752997 | DIN40 ADB | 6,0 0.236 | 80,0 3.150 | 60,9 2.398 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 148,4 5.843 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E3469560306120 | 02752994 | DIN40 ADB | 6,0 0.236 | 120,0 4.724 | 100,9 3.972 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 188,4 7.417 | 84,0 3.307 | 94,0 3.701 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E3469560306160 | 02752996 | DIN40 ADB | 6,0 0.236 | 160,0 6.299 | 140,9 5.547 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 228,4 8.992 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E346956030880 | 02753002 | DIN40 ADB | 8,0 0.315 | 80,0 3.150 | 60,9 2.398 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 148,4 5.843 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,0 2.200 |
| E3469560308120 | 02752999 | DIN40 ADB | 8,0 0.315 | 120,0 4.724 | 100,9 3.972 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 188,4 7.417 | 84,0 3.307 | 94,0 3.701 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E3469560308160 | 02753001 | DIN40 ADB | 8,0 0.315 | 160,0 6.299 | 140,9 5.547 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 228,4 8.992 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E346956031080 | 02753006 | DIN40 ADB | 10,0 0.394 | 80,0 3.150 | 60,9 2.398 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 148,4 5.843 | 39,0 1.535 | 49,0 1.929 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E3469560310120 | 02753003 | DIN40 ADB | 10,0 0.394 | 120,0 4.724 | 100,9 3.972 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 188,4 7.417 | 79,0 3.110 | 89,0 3.504 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E3469560310160 | 02753004 | DIN40 ADB | 10,0 0.394 | 160,0 6.299 | 140,9 5.547 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 228,4 8.992 | 119,0 4.685 | 129,0 5.079 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,6 3.530 |
| E346956031280 | 02753009 | DIN40 ADB | 12,0 0.472 | 80,0 3.150 | 60,9 2.398 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 148,4 5.843 | 34,0 1.339 | 44,0 1.732 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E3469560312120 | 02753007 | DIN40 ADB | 12,0 0.472 | 120,0 4.724 | 100,9 3.972 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 188,4 7.417 | 74,0 2.913 | 84,0 3.307 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E3469560312160 | 02753008 | DIN40 ADB | 12,0 0.472 | 160,0 6.299 | 140,9 5.547 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 228,4 8.992 | 114,0 4.488 | 124,0 4.882 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,6 3.530 |
| E346956031480 | 02753012 | DIN40 ADB | 14,0 0.551 | 80,0 3.150 | 60,9 2.398 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 148,4 5.843 | 34,0 1.339 | 44,0 1.732 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E3469560314120 | 02753010 | DIN40 ADB | 14,0 0.551 | 120,0 4.724 | 100,9 3.972 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 188,4 7.417 | 74,0 2.913 | 84,0 3.307 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E346956031680 | 02753015 | DIN40 ADB | 16,0 0.630 | 80,0 3.150 | 60,9 2.398 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 148,4 5.843 | 31,0 1.220 | 41,0 1.614 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,1 2.430 |
| E3469560316120 | 02753013 | DIN40 ADB | 16,0 0.630 | 120,0 4.724 | 100,9 3.972 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 188,4 7.417 | 71,0 2.795 | 81,0 3.189 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E3469560316160 | 02753014 | DIN40 ADB | 16,0 0.630 | 160,0 6.299 | 140,9 5.547 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 228,4 8.992 | 111,0 4.370 | 121,0 4.764 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,6 3.530 |
| E346956031880 | 02753018 | DIN40 ADB | 18,0 0.709 | 80,0 3.150 | 60,9 2.398 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 148,4 5.843 | 31,0 1.220 | 41,0 1.614 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E346956032080 | 02753021 | DIN40 ADB | 20,0 0.787 | 80,0 3.150 | 60,9 2.398 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 148,4 5.843 | 29,0 1.142 | 39,0 1.535 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E3469560320120 | 02753019 | DIN40 ADB | 20,0 0.787 | 120,0 4.724 | 100,9 3.972 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 188,4 7.417 | 69,0 2.717 | 79,0 3.110 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,6 3.530 |
| E3469560325100 | 02753022 | DIN40 ADB | 25,0 0.984 | 100,0 3.937 | 80,9 3.185 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 168,4 6.630 | 43,0 1.693 | 53,0 2.087 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 1,8 3.970 |
| E347156030680 | 02753023 | DIN50 ADB | 6,0 0.236 | 80,0 3.150 | 60,9 2.398 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 181,75 7.156 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2,8 6.170 |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

| Guide | Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|--|---|-------------|-----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|------------------|----------------|----------------|---------------|--------|-------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| HSK-A | E3471560306160 | 02753024 | DIN50 ADB | 6,0 0.236 | 160,0 6.299 | 140,9 5.547 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 261,75 10.305 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 3,05 6.720 |
| HSK-A | E347156030880 | 02753025 | DIN50 ADB | 8,0 0.315 | 80,0 3.150 | 60,9 2.398 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 181,75 7.156 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 2,8 6.170 |
| HSK-A | E3471560308160 | 02753026 | DIN50 ADB | 8,0 0.315 | 160,0 6.299 | 140,9 5.547 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 261,75 10.305 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 3,1 6.830 |
| HSK-E | E347156031080 | 02753027 | DIN50 ADB | 10,0 0.394 | 80,0 3.150 | 60,9 2.398 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 181,75 7.156 | 39,0 1.535 | 49,0 1.929 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2,9 6.390 |
| HSK-E | E3471560310160 | 02753028 | DIN50 ADB | 10,0 0.394 | 160,0 6.299 | 140,9 5.547 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 261,75 10.305 | 119,0 4.685 | 129,0 5.079 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 3,3 7.280 |
| HSK-E | E347156031280 | 02753029 | DIN50 ADB | 12,0 0.472 | 80,0 3.150 | 60,9 2.398 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 181,75 7.156 | 34,0 1.339 | 44,0 1.732 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2,9 6.390 |
| DIN | E3471560312160 | 02753030 | DIN50 ADB | 12,0 0.472 | 160,0 6.299 | 140,9 5.547 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 261,75 10.305 | 114,0 4.488 | 124,0 4.882 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 3,25 7.170 |
| DIN | E347156031480 | 02753031 | DIN50 ADB | 14,0 0.551 | 80,0 3.150 | 60,9 2.398 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 181,75 7.156 | 34,0 1.339 | 44,0 1.732 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 2,9 6.390 |
| DIN | E347156031680 | 02753032 | DIN50 ADB | 16,0 0.630 | 80,0 3.150 | 60,9 2.398 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 181,75 7.156 | 31,0 1.220 | 41,0 1.614 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2,9 6.390 |
| DIN | E3471560316160 | 02753033 | DIN50 ADB | 16,0 0.630 | 160,0 6.299 | 140,9 5.547 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 261,75 10.305 | 111,0 4.370 | 121,0 4.764 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 3,4 7.500 |
| BT JIS | E347156031880 | 02753035 | DIN50 ADB | 18,0 0.709 | 80,0 3.150 | 60,9 2.398 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 181,75 7.156 | 31,0 1.220 | 41,0 1.614 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 3,0 6.610 |
| BT JIS | E347156032080 | 02753037 | DIN50 ADB | 20,0 0.787 | 80,0 3.150 | 60,9 2.398 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 181,75 7.156 | 29,0 1.142 | 39,0 1.535 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3,0 6.610 |
| BT JIS | E3471560320160 | 02753039 | DIN50 ADB | 20,0 0.787 | 160,0 6.299 | 140,9 5.547 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 261,75 10.305 | 109,0 4.291 | 119,0 4.685 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3,8 8.380 |
| CAT | E347156032590 | 02753040 | DIN50 ADB | 25,0 0.984 | 90,0 3.543 | 70,9 2.791 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 191,75 7.549 | 33,0 1.299 | 43,0 1.693 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,4 7.500 |
| CAT | E3471560325160 | 02753041 | DIN50 ADB | 25,0 0.984 | 160,0 6.299 | 140,9 5.547 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 261,75 10.305 | 103,0 4.055 | 113,0 4.449 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 4,47 9.850 |
| CAT | E347156033290 | 02753042 | DIN50 ADB | 32,0 1.260 | 90,0 3.543 | 70,9 2.791 | 62,5 2.461 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 191,75 7.549 | 29,0 1.142 | 39,0 1.535 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,3 7.280 |
| Combimaster | Accessories | | | | | | | | | | | | | | | | | | |
| Combimaster | For Balancing screws | | | | | | | | | | | | | | | | | | |
| Graflex |  | | | | | | | | | | | | | | | | | | |
| Graflex | All 90ZQ01 | | | | | | | | | | | | | | | | | | |
| Spare Parts, included in delivery | | | | | | | | | | | | | | | | | | | |
| Seco Capto™ | For Sealing Screws  Stop screw  | | | | | | | | | | | | | | | | | | |
| Others | DIN40/ 10/ 0.394 950A0406 19BDR08165 | | | | | | | | | | | | | | | | | | |
| Others | DIN40/ 12/ 0.472 950A0406 19BDR10165 | | | | | | | | | | | | | | | | | | |
| Others | DIN40/ 14/ 0.551 950A0406 19BDR10165 | | | | | | | | | | | | | | | | | | |
| Others | DIN40/ 16/ 0.630-18/ 0.709 950A0406 19BDR12165 | | | | | | | | | | | | | | | | | | |
| Others | DIN40/ 20/ 0.787-25/ 0.984 950A0406 19BDR16165 | | | | | | | | | | | | | | | | | | |
| Operating & setting accessories | DIN40/ 6/ 0.236 950A0406 19BDR05165 | | | | | | | | | | | | | | | | | | |
| Operating & setting accessories | DIN40/ 8/ 0.315 950A0406 19BDR06165 | | | | | | | | | | | | | | | | | | |
| Operating & setting accessories | DIN50/ 10/ 0.394 950A0606 19BDR08165 | | | | | | | | | | | | | | | | | | |
| Operating & setting accessories | DIN50/ 12/ 0.472 950A0606 19BDR10165 | | | | | | | | | | | | | | | | | | |
| Operating & setting accessories | DIN50/ 14/ 0.551 950A0606 19BDR10165 | | | | | | | | | | | | | | | | | | |
| Operating & setting accessories | DIN50/ 16/ 0.630-18/ 0.709 950A0606 19BDR12165 | | | | | | | | | | | | | | | | | | |
| Shrinkfit | DIN50/ 20/ 0.787-32/ 1.260 950A0606 19BDR16165 | | | | | | | | | | | | | | | | | | |
| Shrinkfit | DIN50/ 6/ 0.236 950A0606 19BDR05165 | | | | | | | | | | | | | | | | | | |
| Shrinkfit | DIN50/ 8/ 0.315 950A0606 19BDR06165 | | | | | | | | | | | | | | | | | | |

Reinforced type
- Metric/ Inch

DIN 69871-ADB



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- * Holder without threaded holes for balancing screw
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA* | * | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|------------------|----------------|----------------|---------------|------------|------------|---|-----------|----------------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| E346956001065 | 02845510 | DIN40 ADB | 10,0 0.394 | 65,0 2.559 | 45,9 1.807 | - | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | - | 133,4 5.252 | 24,0 0.945 | 34,0 1.339 | 13,5 0.531 | M8x1 | 4,5 | 1 | G2.5 | 1,1 2.430 | |
| E3469560010130 | 02845521 | DIN40 ADB | 10,0 0.394 | 130,0 5.118 | 110,9 4.366 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | 49,5 1.949 | 198,4 7.811 | 89,0 3.504 | 99,0 3.898 | 13,5 0.531 | M8x1 | 4,5 | 1 | G2.5 | 1,8 3.970 | |
| E346956001265 | 02845511 | DIN40 ADB | 12,0 0.472 | 65,0 2.559 | 45,9 1.807 | - | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | - | 133,4 5.252 | 19,0 0.748 | 29,0 1.142 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 1,1 2.430 | |
| E3469560012130 | 02845522 | DIN40 ADB | 12,0 0.472 | 130,0 5.118 | 110,9 4.366 | 52,0 2.047 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 49,5 1.949 | 198,4 7.811 | 84,0 3.307 | 94,0 3.701 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 1,8 3.970 | |
| E346956001665 | 02845512 | DIN40 ADB | 16,0 0.630 | 65,0 2.559 | 45,9 1.807 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 133,4 5.252 | 16,0 0.630 | 26,0 1.024 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 1,1 2.430 | |
| E3469560016130 | 02845523 | DIN40 ADB | 16,0 0.630 | 130,0 5.118 | 110,9 4.366 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 49,5 1.949 | 198,4 7.811 | 81,0 3.189 | 91,0 3.583 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 1,9 4.190 | |
| E346956002065 | 02845513 | DIN40 ADB | 20,0 0.787 | 65,0 2.559 | 45,9 1.807 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 49,5 1.949 | 133,4 5.252 | 14,0 0.551 | 24,0 0.945 | 21,5 0.846 | M16x1 | 4,5 | * | 1 | G2.5 | 1,3 2.870 |
| E3469560020130 | 02845524 | DIN40 ADB | 20,0 0.787 | 130,0 5.118 | 110,9 4.366 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 49,5 1.949 | 198,4 7.811 | 79,0 3.110 | 89,0 3.504 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 2,4 5.290 | |
| E3471560006160 | 02845544 | DIN50 ADB | 6,0 0.236 | 160,0 6.299 | 140,9 5.547 | - | 37,5 1.476 | 22,0 0.866 | 24,0 0.945 | 32,2 1.267 | 79,5 3.130 | 261,75 10.305 | 124,0 4.882 | 134,0 5.276 | 12,0 0.472 | M5x0.8 | 4,5 | 1 | G2.5 | 4,9 10.800 | |
| E3471560008160 | 02845545 | DIN50 ADB | 8,0 0.315 | 160,0 6.299 | 140,9 5.547 | 52,0 2.047 | 37,5 1.476 | 26,0 1.024 | 24,0 0.945 | 32,2 1.267 | 79,5 3.130 | 261,75 10.305 | 124,0 4.882 | 134,0 5.276 | 12,0 0.472 | M6x1 | 4,5 | 1 | G2.5 | 4,9 10.800 | |
| E3471560010160 | 02845546 | DIN50 ADB | 10,0 0.394 | 160,0 6.299 | 140,9 5.547 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | 79,5 3.130 | 261,75 10.305 | 119,0 4.685 | 129,0 5.079 | 13,5 0.531 | M8x1 | 4,5 | 1 | G2.5 | 5,0 11.020 | |
| E347156001280 | 02845537 | DIN50 ADB | 12,0 0.472 | 80,0 3.150 | 60,9 2.398 | - | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | - | 181,75 7.156 | 34,0 1.339 | 44,0 1.732 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 3,0 6.610 | |
| E3471560012160 | 02845547 | DIN50 ADB | 12,0 0.472 | 160,0 6.299 | 140,9 5.547 | 181,0 7.126 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 79,5 3.130 | 261,75 10.305 | 114,0 4.488 | 124,0 4.882 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 5,0 11.020 | |
| E3471560012200 | 02845554 | DIN50 ADB | 12,0 0.472 | 200,0 7.874 | 180,9 7.122 | 52,0 2.047 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 79,5 3.130 | 301,75 11.880 | 154,0 6.063 | 164,0 6.457 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 5,75 12.680 | |
| E347156001680 | 02845538 | DIN50 ADB | 16,0 0.630 | 80,0 3.150 | 60,9 2.398 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 181,75 7.156 | 31,0 1.220 | 41,0 1.614 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 3,1 6.830 | |
| E3471560016160 | 02845548 | DIN50 ADB | 16,0 0.630 | 160,0 6.299 | 140,9 5.547 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 79,5 3.130 | 261,75 10.305 | 111,0 4.370 | 121,0 4.764 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 5,2 11.460 | |
| E3471560016200 | 02845555 | DIN50 ADB | 16,0 0.630 | 200,0 7.874 | 180,9 7.122 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 79,5 3.130 | 301,75 11.880 | 151,0 5.945 | 161,0 6.339 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 6,0 13.230 | |
| E347156002080 | 02845539 | DIN50 ADB | 20,0 0.787 | 80,0 3.150 | 60,9 2.398 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | - | 181,75 7.156 | 29,0 1.142 | 39,0 1.535 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 3,4 7.500 | |
| E347156002590 | 02845540 | DIN50 ADB | 25,0 0.984 | 90,0 3.543 | 70,9 2.791 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | - | 191,75 7.549 | 33,0 1.299 | 43,0 1.693 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 3,6 7.940 | |
| E347156003290 | 02845541 | DIN50 ADB | 32,0 1.260 | 90,0 3.543 | 70,9 2.791 | - | 62,5 2.461 | 51,0 2.008 | 48,0 1.890 | 57,1 2.249 | - | 191,75 7.549 | 29,0 1.142 | 39,0 1.535 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 3,4 7.500 | |

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HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Accessories

Guide

For **Balancing screws**



HSK-A

All [90ZQ01](#)

Spare Parts, included in delivery

HSK-E

For **Sealing plugs** **Sealing Screws** **Stop screw**



DIN

| For | Sealing plugs | Sealing Screws | Stop screw |
|----------------------------|------------------------|--------------------------|----------------------------|
| DIN40/ 10/ 0.394 | 90AI03 | 950A0406 | 19BDR08165 |
| DIN40/ 12/ 0.472 | 90AI03 | 950A0406 | 19BDR10165 |
| DIN40/ 16/ 0.630 | 90AI03 | 950A0406 | 19BDR12165 |
| DIN40/ 20/ 0.787-25/ 0.984 | 90AI04 | 950A0406 | 19BDR16165 |
| DIN50/ 10/ 0.394 | 90AI03 | 950A0606 | 19BDR08165 |
| DIN50/ 12/ 0.472 | 90AI03 | 950A0606 | 19BDR10165 |
| DIN50/ 16/ 0.630 | 90AI03 | 950A0606 | 19BDR12165 |
| DIN50/ 20/ 0.787-32/ 1.260 | 90AI04 | 950A0606 | 19BDR16165 |
| DIN50/ 6/ 0.236 | 90AI03 | 950A0606 | 19BDR05165 |
| DIN50/ 8/ 0.315 | 90AI03 | 950A0606 | 19BDR06165 |

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

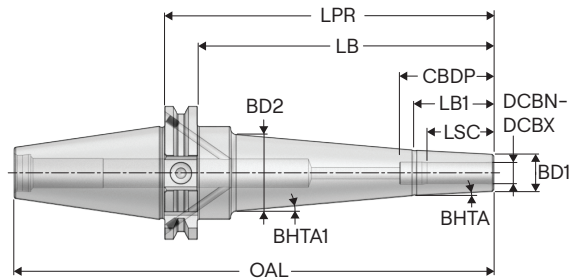
Others

Operating & setting accessories

Shrinkfit

Mold and Die type
 – Metric/ Inch

DIN/CAT (Combined)



- Run-out $\leq 3 \mu\text{m}$
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | LSC | BD1 | BD2 | OAL | BHTA° | BHTA1° | RFID hole | Balancing | Weight |
|----------------|-------------|------------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|---------------|
| | | | | | | | | | | | | | | | | kg |
| | | | | | | | | | | | | | | | | lbs |
| E347658010380 | 00034443 | DIN40 ADB/ CAT40 | 3,0 0.118 | 80,0 3.150 | 60,9 2.398 | 25,0 0.984 | – | 13,0 0.512 | 9,0 0.354 | 15,1 0.595 | 148,4 5.843 | 3,0 | 5,0 | 1 | G2.5 | 1,0 2.200 |
| E3476580103140 | 00047866 | DIN40 ADB/ CAT40 | 3,0 0.118 | 140,0 5.512 | 120,9 4.760 | 25,0 0.984 | – | 13,0 0.512 | 9,0 0.354 | 25,6 1.009 | 208,4 8.205 | 3,0 | 5,0 | 1 | G2.5 | 1,12 2.470 |
| E347658010480 | 00034446 | DIN40 ADB/ CAT40 | 4,0 0.157 | 80,0 3.150 | 60,9 2.398 | 25,0 0.984 | – | 15,0 0.591 | 10,0 0.394 | 16,1 0.635 | 148,4 5.843 | 3,0 | 5,0 | 1 | G2.5 | 1,0 2.200 |
| E3476580104140 | 00048122 | DIN40 ADB/ CAT40 | 4,0 0.157 | 140,0 5.512 | 120,9 4.760 | 25,0 0.984 | – | 15,0 0.591 | 10,0 0.394 | 26,6 1.048 | 208,4 8.205 | 3,0 | 5,0 | 1 | G2.5 | 1,2 2.650 |
| E347658010680 | 00034448 | DIN40 ADB/ CAT40 | 6,0 0.236 | 80,0 3.150 | 60,9 2.398 | – | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 16,7 0.658 | 148,4 5.843 | 3,0 | – | 1 | G2.5 | 1,1 2.430 |
| E3476580106140 | 00048125 | DIN40 ADB/ CAT40 | 6,0 0.236 | 140,0 5.512 | 120,9 4.760 | 32,0 1.260 | 40,0 1.575 | 26,0 1.024 | 12,0 0.472 | 28,1 1.107 | 208,4 8.205 | 3,0 | 5,0 | 1 | G2.5 | 1,2 2.650 |
| E347658010880 | 00034449 | DIN40 ADB/ CAT40 | 8,0 0.315 | 80,0 3.150 | 60,9 2.398 | – | 44,0 1.732 | 30,0 1.181 | 16,0 0.630 | 20,7 0.816 | 148,4 5.843 | 3,0 | – | 1 | G2.5 | 1,1 2.430 |
| E3476580108140 | 00048139 | DIN40 ADB/ CAT40 | 8,0 0.315 | 140,0 5.512 | 120,9 4.760 | 36,0 1.417 | 44,0 1.732 | 30,0 1.181 | 16,0 0.630 | 31,8 1.254 | 208,4 8.205 | 3,0 | 5,0 | 1 | G2.5 | 1,3 2.870 |
| E347658011080 | 00034450 | DIN40 ADB/ CAT40 | 10,0 0.394 | 80,0 3.150 | 60,9 2.398 | – | 45,0 1.772 | 32,0 1.260 | 18,0 0.709 | 22,7 0.894 | 148,4 5.843 | 3,0 | – | 1 | G2.5 | 1,1 2.430 |
| E3476580110160 | 00048163 | DIN40 ADB/ CAT40 | 10,0 0.394 | 160,0 6.299 | 140,9 5.547 | 38,0 1.496 | 45,0 1.772 | 32,0 1.260 | 18,0 0.709 | 37,2 1.465 | 228,4 8.992 | 3,0 | 5,0 | 1 | G2.5 | 1,5 3.310 |
| E347658011280 | 00034452 | DIN40 ADB/ CAT40 | 12,0 0.472 | 80,0 3.150 | 60,9 2.398 | – | 46,0 1.811 | 34,0 1.339 | 20,0 0.787 | 24,7 0.973 | 148,4 5.843 | 3,0 | – | 1 | G2.5 | 1,1 2.430 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| DIN40 | 950A0406 |



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HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

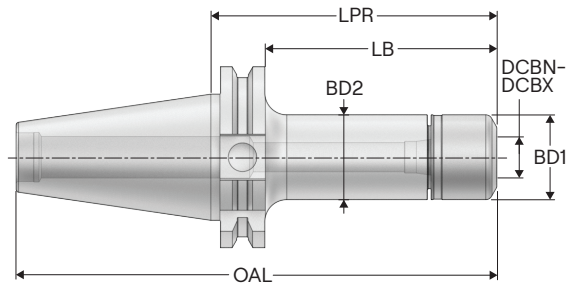
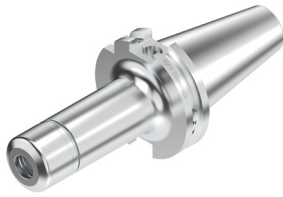
Seco Capto™

Others

Operating & setting accessories

Shrinkfit


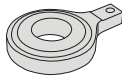
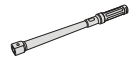
- Metric/ Inch



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX
- For ER HP collets type 5672, see page(s) 389, 390, 391-397
- For stop screws, see instructions at www.secotools.com
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | RFID hole | Balancing | Weight |
|--------------------|-------------|----------|--------------|---------------|-------|----------------|---------------|---------------|-----------------|----------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | kg lbs | | | |
| DIN40AD-ERHP16-070 | 10359039 | DIN40 AD | 1,0 0.039 | 10,0 0.394 | HP 16 | 70,4 2.772 | 30,0 1.181 | 30,0 1.181 | 138,8 5.465 | 51,3 2.020 | 1 | G2.5 | 1,1 2.430 |
| DIN40AD-ERHP16-100 | 10359040 | DIN40 AD | 1,0 0.039 | 10,0 0.394 | HP 16 | 100,4 3.953 | 30,0 1.181 | 30,0 1.181 | 168,8 6.646 | 81,3 3.201 | 1 | G2.5 | 1,2 2.650 |
| DIN40AD-ERHP25-070 | 10359041 | DIN40 AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 70,4 2.772 | 40,0 1.575 | 40,0 1.575 | 138,8 5.465 | 51,3 2.020 | 1 | G2.5 | 1,1 2.430 |
| DIN40AD-ERHP25-100 | 10359042 | DIN40 AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 100,4 3.953 | 40,0 1.575 | 40,0 1.575 | 168,8 6.646 | 81,3 3.201 | 1 | G2.5 | 1,4 3.090 |
| DIN40AD-ERHP25-160 | 10359043 | DIN40 AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 160,7 6.327 | 40,0 1.575 | 40,0 1.575 | 229,1 9.020 | 141,6 5.575 | 1 | G2.5 | 1,9 4.190 |
| DIN40AD-ERHP32-070 | 10359044 | DIN40 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 70,2 2.764 | 50,0 1.969 | 50,0 1.969 | 138,6 5.457 | 51,1 2.012 | 1 | G2.5 | 1,3 2.870 |
| DIN40AD-ERHP32-100 | 10359045 | DIN40 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 100,2 3.945 | 50,0 1.969 | 50,0 1.969 | 168,6 6.638 | 81,1 3.193 | 1 | G2.5 | 1,6 3.530 |
| DIN40AD-ERHP32-160 | 10359046 | DIN40 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 160,2 6.307 | 50,0 1.969 | 50,0 1.969 | 228,6 9.000 | 141,1 5.555 | 1 | G2.5 | 2,4 5.290 |
| DIN50AD-ERHP25-070 | 10359047 | DIN50 AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 69,8 2.748 | 40,0 1.575 | 40,0 1.575 | 171,6 6.756 | 50,7 1.996 | 1 | G2.5 | 3,0 6.610 |
| DIN50AD-ERHP32-070 | 10359048 | DIN50 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 70,0 2.756 | 50,0 1.969 | 50,0 1.969 | 171,8 6.764 | 50,9 2.004 | 1 | G2.5 | 3,1 6.830 |
| DIN50AD-ERHP32-160 | 10359049 | DIN50 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 160,0 6.299 | 50,0 1.969 | 50,0 1.969 | 261,8 10.307 | 140,9 5.547 | 1 | G2.5 | 4,3 9.480 |

Accessories

| For | Key | Socket | Torque key |
|--------|---|---|---|
| ERHP16 |  03LME1418260 |  03ER030B |  03DYE010100B |
| ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

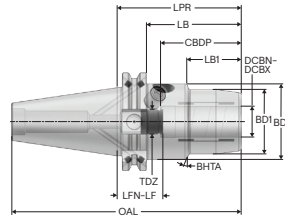
Spare Parts, included in delivery

| For | Nut |
|--------|------------|
| ERHP16 | 08B567216C |
| ERHP25 | 08B567225C |
| ERHP32 | 08B567232C |



- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

Conventional type
- Metric/ Inch



-Run-out $\leq 3 \mu\text{m}$
-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|-----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|---------------|---------------|-------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | kg |
| DIN40ADB-HC06-080 | 10137275 | DIN40 ADB | 6,0 0.236 | 80,5 3.169 | 61,45 2.419 | 29,5 1.161 | 38,5 1.516 | 49,3 1.939 | 26,0 1.024 | 148,75 5.856 | 43,5 1.713 | 53,5 2.106 | M5 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| DIN40ADB-HC08-080 | 10137276 | DIN40 ADB | 8,0 0.315 | 80,5 3.169 | 61,45 2.419 | 30,0 1.181 | 38,5 1.516 | 49,3 1.939 | 28,0 1.102 | 148,75 5.856 | 43,5 1.713 | 53,5 2.106 | M6 | 20,0 | 1 | G2.5 | 1,4 3.090 |
| DIN40ADB-HC10-080 | 10137277 | DIN40 ADB | 10,0 0.394 | 80,5 3.169 | 61,45 2.419 | 31,0 1.220 | 42,5 1.673 | 49,3 1.939 | 30,0 1.181 | 148,75 5.856 | 39,5 1.555 | 49,5 1.949 | M8x1 | 20,0 | 1 | G2.5 | 1,4 3.090 |
| DIN40ADB-HC12-080 | 10137278 | DIN40 ADB | 12,0 0.472 | 80,5 3.169 | 61,45 2.419 | 31,5 1.240 | 47,5 1.870 | 49,3 1.939 | 32,0 1.260 | 148,75 5.856 | 34,5 1.358 | 44,5 1.752 | M10x1 | 20,0 | 1 | G2.5 | 1,4 3.090 |
| DIN40ADB-HC16-080 | 10137279 | DIN40 ADB | 16,0 0.630 | 80,5 3.169 | 61,45 2.419 | 33,0 1.299 | 50,5 1.988 | 49,3 1.939 | 38,0 1.496 | 148,75 5.856 | 31,5 1.240 | 41,5 1.634 | M12x1 | 20,0 | 1 | G2.5 | 1,4 3.090 |
| DIN40ADB-HC20-080 | 10138581 | DIN40 ADB | 20,0 0.787 | 80,5 3.169 | 61,45 2.419 | 34,0 1.339 | 52,5 2.067 | 49,3 1.939 | 42,0 1.654 | 148,75 5.856 | 29,5 1.161 | 39,5 1.555 | M16x1 | 20,0 | 1 | G2.5 | 1,4 3.090 |
| DIN50ADB-HC12-080 | 10137280 | DIN50 ADB | 12,0 0.472 | 80,5 3.169 | 61,45 2.419 | 31,5 1.240 | 47,5 1.870 | 49,3 1.939 | 32,0 1.260 | 182,1 7.169 | 34,5 1.358 | 44,5 1.752 | M10x1 | 20,0 | 1 | G2.5 | 3,0 6.610 |
| DIN50ADB-HC20-080 | 10138582 | DIN50 ADB | 20,0 0.787 | 80,5 3.169 | 61,45 2.419 | 34,0 1.339 | 52,5 2.067 | 49,3 1.939 | 42,0 1.654 | 182,1 7.169 | 29,5 1.161 | 39,5 1.555 | M16x1 | 20,0 | 1 | G2.5 | 3,2 7.050 |
| DIN50ADB-HC32-103 | 10138583 | DIN50 ADB | 32,0 1.260 | 103,2 4.063 | 84,15 3.313 | 62,5 2.461 | 62,5 2.461 | 70,3 2.766 | 64,0 2.520 | 204,8 8.063 | 42,2 1.661 | 52,2 2.055 | M16x1 | 20,0 | 1 | G2.5 | 4,4 9.700 |

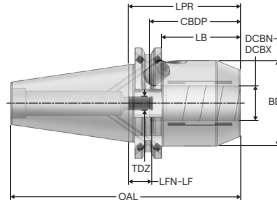
Accessories

| For | Key |
|---------------------|---------|
| DIN40 | H05-4 |
| DIN50, DCBN = 12-20 | H05-4 |
| DIN50, DCBN = 32 | 03MS06L |



Reinforced type
- Metric/ Inch

DIN 69871-ADB



- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|--------------------|-------------|-----------|---------------|---------------|----------------|------------|---------------|------------|----------------|-----------------|---------------|---------------|------|-------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | mm inch |
| DIN40ADB-HCR12-050 | 10137129 | DIN40 ADB | 12,0 0.472 | 50,0 1.969 | 31,0 1.220 | - | 47,5 1.870 | - | 42,0 1.654 | 118,25 4.656 | 4,0 0.157 | 14,0 0.551 | M8x1 | - | 0 | G2.5 | 1,1 2.430 |
| DIN40ADB-HCR20-064 | 10137130 | DIN40 ADB | 20,0 0.787 | 64,5 2.539 | 45,45 1.789 | - | 52,5 2.067 | - | 49,25 1.939 | 132,75 5.226 | 13,5 0.531 | 23,5 0.925 | M8x1 | - | 0 | G2.5 | 1,3 2.870 |
| DIN50ADB-HCR20-064 | 10137131 | DIN50 ADB | 20,0 0.787 | 64,5 2.539 | 45,5 1.791 | - | 52,5 2.067 | - | 49,25 1.939 | 166,0 6.535 | 13,5 0.531 | 23,5 0.925 | M8x1 | - | 0 | G2.5 | 3,1 6.830 |
| DIN50ADB-HCR32-081 | 10137132 | DIN50 ADB | 32,0 1.260 | 81,0 3.189 | 61,95 2.439 | - | 62,5 2.461 | - | 72,0 2.835 | 182,6 7.189 | 20,0 0.787 | 30,0 1.181 | M8x1 | - | 0 | G2.5 | 4,1 9.040 |

Accessories

| For | Key |
|------------------|---------|
| DIN40 | H05-4 |
| DIN50, DCBN = 20 | H05-4 |
| DIN50, DCBN = 32 | 03MS06L |

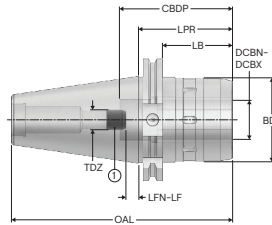


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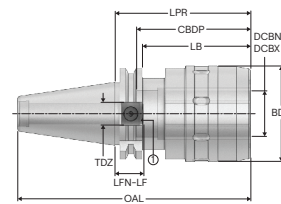
- Metric/ Inch



Design 1



Design 2



-For reduction sleeves, see page(s) 385-386
 -For 'Stop screws for through coolant', see page(s) 387-388
 -For ISO attribute explanation, see page 15

Spare parts:
 1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBX | OAL | | LPR | LB | CBDP | BD1 | LFN | LF | KWW | TDZ | Design | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|---------------|----------------|---------------|---------------|---------------|---------------|-----------------|-----------------|-----|-----|-----|--------|-----------|--------------|--------|
| | | | | mm | inch | | | | | | | | | | | | |
| DIN40AD-PMC20-060 | 10185650 | DIN40 AD | 20,0 0.787 | 128,4 5.055 | 60,0 2.362 | 40,9 1.610 | 63,0 2.480 | 49,0 1.929 | -3,0 -0.118 | 2,0 0.079 | 8,0 | M16 | 1 | 1 | PB | 1,2 2.650 | |
| DIN40AD-PMC32-095 | 10185649 | DIN40 AD | 32,0 1.260 | 163,4 6.433 | 95,0 3.740 | 75,9 2.988 | 80,0 3.150 | 67,0 2.638 | 15,0 0.591 | 20,0 0.787 | 8,0 | M16 | 2 | 1 | PB | 2,1 4.630 | |
| DIN50AD-PMC20-080 | 10185648 | DIN50 AD | 20,0 0.787 | 181,8 7.157 | 80,0 3.150 | 60,9 2.398 | 63,0 2.480 | 49,0 1.929 | 17,0 0.669 | 22,0 0.866 | 8,0 | M16 | 1 | 1 | PB | 3,2 7.050 | |
| DIN50AD-PMC32-075 | 10185645 | DIN50 AD | 32,0 1.260 | 176,8 6.961 | 75,0 2.953 | 55,9 2.201 | 90,0 3.543 | 68,0 2.677 | -15,0 -0.591 | -10,0 -0.394 | 8,0 | M16 | 1 | 1 | PB | 3,6 7.940 | |

Accessories

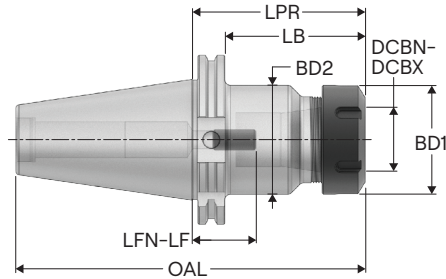
| For | Spanner |
|---------------|-------------|
| DIN40AD-PMC20 | 19BPMC2002A |
| DIN50AD-PMC20 | 03BPMC20 |
| -PMC32 | 03BPMC32 |

Spare Parts, included in delivery

| For | Extractor for reduction sleeves | Stop screw |
|-----|---------------------------------|------------|
| All | 03EXTPMC | 19BEPMC01 |

ISO 15488
- Metric/ Inch

DIN 69871-AD


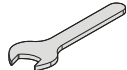




- Run-out 15 µm/ .0006" maximum at 3 x ØDCBN-DCBX
- For ER extensions and ER collets, see page(s) 362, 363, 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

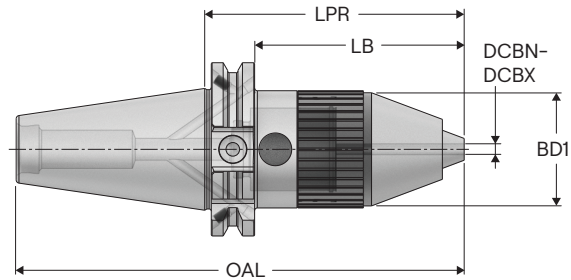
| Designation | Item number | CTMS | Chuck & Collet Size | | LPR | BD2 | BD1 | OAL | LB | LFN | LF | RFID hole | Balancing | Weight | |
|------------------|-------------|----------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|-----------|------------------|--------------|
| | | | DCBN | DCBX | | | | | | | | | | | |
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> | |
| DIN40AD-ER16-070 | 10229603 | DIN40 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 70,0 2.756 | 28,0 1.102 | 28,0 1.102 | 138,4 5.449 | 50,9 2.004 | 25,0 0.984 | 40,0 1.575 | 1 | G6.3 | 1,0 2.200 |
| DIN40AD-ER16-120 | 10229604 | DIN40 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 120,0 4.724 | 28,0 1.102 | 28,0 1.102 | 188,4 7.417 | 100,9 3.972 | 75,0 2.953 | 90,0 3.543 | 1 | G6.3 | 1,2 2.650 |
| DIN40AD-ER20-070 | 10229605 | DIN40 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 70,0 2.756 | 34,0 1.339 | 34,0 1.339 | 138,4 5.449 | 50,9 2.004 | 20,0 0.787 | 40,0 1.575 | 1 | G6.3 | 1,1 2.430 |
| DIN40AD-ER20-120 | 10229606 | DIN40 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 120,0 4.724 | 34,0 1.339 | 34,0 1.339 | 188,4 7.417 | 100,9 3.972 | 70,0 2.756 | 90,0 3.543 | 1 | G6.3 | 1,4 3.090 |
| DIN40AD-ER25-070 | 10229607 | DIN40 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 70,0 2.756 | 42,0 1.654 | 42,0 1.654 | 138,4 5.449 | 50,9 2.004 | 5,0 0.197 | 25,0 0.984 | 1 | G6.3 | 1,1 2.430 |
| DIN40AD-ER25-120 | 10229608 | DIN40 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 120,0 4.724 | 42,0 1.654 | 42,0 1.654 | 188,4 7.417 | 100,9 3.972 | 55,0 2.165 | 75,0 2.953 | 1 | G6.3 | 1,6 3.530 |
| DIN40AD-ER32-070 | 10229609 | DIN40 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 70,0 2.756 | 50,0 1.969 | 50,0 1.969 | 138,4 5.449 | 50,9 2.004 | 5,0 0.197 | 25,0 0.984 | 1 | G6.3 | 1,2 2.650 |
| DIN40AD-ER32-120 | 10229610 | DIN40 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 120,0 4.724 | 50,0 1.969 | 50,0 1.969 | 188,4 7.417 | 100,9 3.972 | 55,0 2.165 | 75,0 2.953 | 1 | G6.3 | 1,7 3.750 |
| DIN40AD-ER40-070 | 10229611 | DIN40 AD | 3,0 0.118 | 26,0 1.024 | ER 40 | 70,0 2.756 | 63,0 2.480 | 63,0 2.480 | 138,4 5.449 | 50,9 2.004 | -5,0 -0.197 | 15,0 0.591 | 1 | G6.3 | 1,3 2.870 |
| DIN50AD-ER16-075 | 10229612 | DIN50 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 75,0 2.953 | 28,0 1.102 | 28,0 1.102 | 176,75 6.959 | 55,9 2.201 | 30,0 1.181 | 45,0 1.772 | 1 | G6.3 | 2,9 6.390 |
| DIN50AD-ER16-120 | 10229613 | DIN50 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 120,0 4.724 | 28,0 1.102 | 28,0 1.102 | 221,75 8.730 | 100,9 3.972 | 75,0 2.953 | 90,0 3.543 | 1 | G6.3 | 3,2 7.050 |
| DIN50AD-ER20-075 | 10229614 | DIN50 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 75,0 2.953 | 34,0 1.339 | 34,0 1.339 | 176,75 6.959 | 55,9 2.201 | 25,0 0.984 | 45,0 1.772 | 1 | G6.3 | 2,8 6.170 |
| DIN50AD-ER20-120 | 10229615 | DIN50 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 120,0 4.724 | 34,0 1.339 | 34,0 1.339 | 221,75 8.730 | 100,9 3.972 | 70,0 2.756 | 90,0 3.543 | 1 | G6.3 | 3,1 6.830 |
| DIN50AD-ER25-090 | 10229616 | DIN50 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 90,0 3.543 | 42,0 1.654 | 42,0 1.654 | 191,75 7.549 | 70,9 2.791 | 25,0 0.984 | 45,0 1.772 | 1 | G6.3 | 3,2 7.050 |
| DIN50AD-ER25-120 | 10229617 | DIN50 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 120,0 4.724 | 42,0 1.654 | 42,0 1.654 | 221,75 8.730 | 100,9 3.972 | 55,0 2.165 | 75,0 2.953 | 1 | G6.3 | 3,4 7.500 |
| DIN50AD-ER32-090 | 10229618 | DIN50 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 90,0 3.543 | 50,0 1.969 | 50,0 1.969 | 191,75 7.549 | 70,9 2.791 | 25,0 0.984 | 45,0 1.772 | 1 | G6.3 | 3,3 7.280 |
| DIN50AD-ER32-120 | 10229619 | DIN50 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 120,0 4.724 | 50,0 1.969 | 50,0 1.969 | 221,75 8.730 | 100,9 3.972 | 55,0 2.165 | 75,0 2.953 | 1 | G6.3 | 3,7 8.160 |
| DIN50AD-ER32-160 | 10229620 | DIN50 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | 50,0 1.969 | 50,0 1.969 | 261,75 10.305 | 140,9 5.547 | 95,0 3.740 | 115,0 4.528 | 1 | G6.3 | 4,2 9.260 |
| DIN50AD-ER40-100 | 10229621 | DIN50 AD | 3,0 0.118 | 26,0 1.024 | ER 40 | 100,0 3.937 | 63,0 2.480 | 63,0 2.480 | 201,75 7.943 | 80,9 3.185 | 25,0 0.984 | 45,0 1.772 | 1 | G6.3 | 3,8 8.380 |

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Accessories

| Guide | For | Seal nut | Spanner |
|---------------------------------|-----------------------------------|---|---|
| | |  |  |
| HSK-A | ER16 | 08B587516IC | 03B587516UM |
| | ER20 | - | 03B587520UM |
| | ER25 | 08B587525IC | 03B587525 |
| | ER32 | 08B587532IC | 03B587532 |
| | ER40 | 08B587540IC | 03B587540 |
| HSK-E | Spare Parts, included in delivery | | |
| | For | Nut | Stop screw |
| DIN | |  |  |
| | ER16 | 08B587516UM | 19LRC1020 |
| | ER20 | 08B587520UM | 19LRC1225 |
| | ER25 | 08B587525X | 19LRC1225 |
| | ER32 | 08B587532X | 19LRC1225 |
| | ER40 | 08B587540X | 19LRC1225 |
| BT JIS | | | |
| CAT | | | |
| Combimaster | | | |
| Graflex | | | |
| Seco Capto™ | | | |
| Others | | | |
| Operating & setting accessories | | | |
| Shrinkfit | | | |

- Metric/ Inch



-Run-out 40 µm maximum at 2,5 x ØDCBN-DCBX
 -For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | OAL | LPR | LB | BD1 | RFID hole | Balancing | Weight |
|-------------|-------------|-----------|--------------|---------------|----------------|----------------|---------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| E3469508513 | 00048223 | DIN40 ADB | 1,0 0.039 | 13,0 0.512 | 164,4 6.472 | 96,0 3.780 | 77,0 3.031 | 43,0 1.693 | 1 | PB | 1,24 2.730 |
| E3471508516 | 00099664 | DIN50 ADB | 2,5 0.098 | 16,0 0.630 | 213,7 8.413 | 112,0 4.409 | 93,0 3.661 | 56,0 2.205 | 1 | PB | 3,68 8.110 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------------|----------------|
| E3469508513 | 950A0406 |
| E3471508516 | 950A0606 |



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For synchronized tapping, with micro-compensation
– Metric/ Inch

Guide

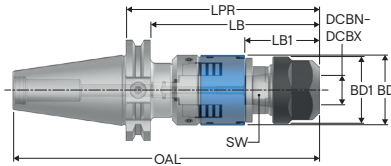
HSK-A

HSK-E

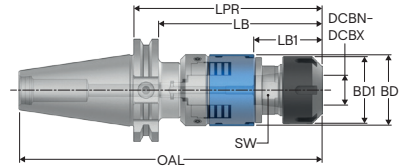
DIN



Design 1



Design 2



- Maximum coolant pressure 80 bar/ 1160 psi
- For ER tapping collets with square drive, see page(s) 407, 408-409
- For TCER 5867 sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

BT JIS

CAT

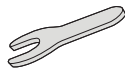
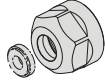
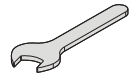
Combimaster

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD | BD1 | OAL | SW | Design | RFID hole | Balancing | Weight |
|----------------|-------------|----------|-------|------|------|----------------|----------------|---------------|---------------|---------------|-----------------|---------------|--------|-----------|-----------|---------------|
| | | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| E4469586720102 | 02926979 | DIN40 AD | ER 20 | M4 | M12 | 97,2 3.827 | 78,2 3.079 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 165,45 6.514 | 22,0 0.866 | 1 | 0 | – | 1,3 2.870 |
| E4469586725122 | 02926980 | DIN40 AD | ER 25 | M8 | M20 | 116,6 4.591 | 97,5 3.839 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 184,85 7.278 | 28,0 1.102 | 2 | 0 | – | 1,6 3.530 |
| E4471586720106 | 02926981 | DIN50 AD | ER 20 | M4 | M12 | 101,2 3.984 | 82,2 3.236 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 202,8 7.984 | 22,0 0.866 | 1 | 0 | – | 3,0 6.610 |
| E4471586725126 | 02926982 | DIN50 AD | ER 25 | M8 | M20 | 120,6 4.748 | 101,5 3.996 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 222,2 8.748 | 28,0 1.102 | 2 | 0 | – | 3,4 7.500 |
| E4471586740155 | 02926983 | DIN50 AD | ER 40 | M16 | M33 | 149,6 5.890 | 130,6 5.142 | 46,6 1.835 | 62,0 2.441 | 62,7 2.469 | 251,2 9.890 | 39,0 1.535 | 2 | 0 | – | 4,8 10.580 |

Accessories

Graflex

Seco Capto™


| For | Locking key | Seal nut | Spanner |
|-------|---|---|--|
| ER 20 |  5680092-04 |  5533051-02 |  03B587520UM |
| ER 25 | 5680092-05 | 5533051-03 | 03B587525 |
| ER 40 | 5680092-06 | 5533051-05 | 03B587540 |

Spare Parts, included in delivery

Others

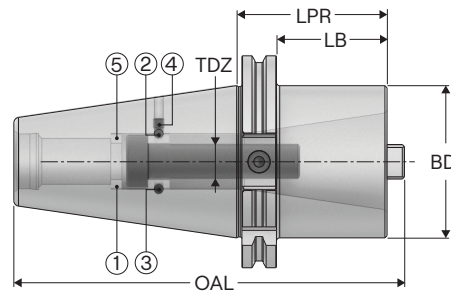
Operating & setting accessories

Shrinkfit

| For | Nut |
|-------|---|
| ER 20 |  5533050-08 |
| ER 25 | 5533050-02 |
| ER 40 | 5533050-04 |

SA – DIN 69871-BT
– Metric/ Inch

DIN 69871-A



–Direct run-out 5 µm maximum
–For ISO attribute explanation, see page 15

Spare parts:
1 = Screw
2 = Ring
3 = Balls
4 = Screw
5 = Washer

| Designation | Item number | CTMS | CTWS | LPR | LB | BD | OAL | TDZ | RFID hole | Balan- cing | Weight |
|----------------|-------------|---------|--------------------|-------------------|-------------------|-------------------|-------------------|-----|-----------|----------------|------------------|
| | | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | | kg <i>lbs</i> |
| E44715434070T | 75040732 | DIN50 A | 40 DIN 69871 BT | 70,0 2.756 | 51,0 2.008 | 70,0 2.756 | 179,7 2.756 | M16 | 1 | PB | 3,66 8.070 |
| E447154350120T | 75040733 | DIN50 A | 50 DIN 69871 BT | 120,0 4.724 | – | 98,0 3.858 | 234,2 4.724 | M24 | 1 | PB | 6,2 13.670 |

Spare Parts, included in delivery

| For | Plug | Ring | Screw | Washer |
|----------------|---|---|--|---|
| E44715434070T |  950A0505 |  02B54240 |  950E1670 |  15B54240 |
| E447154350120T | 950A0806 | 02B54250 | 19B172490 | – |

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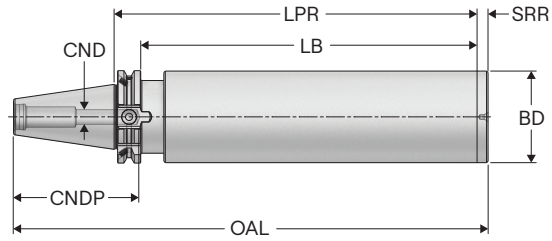
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

- Metric/ Inch



-The cylindrical front part is hardened to 120-130 daN/mm², allowing machining
 -For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | LPR | LB | SRR | BD | CND | OAL | CNDP | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| E3469502363250 | 02503167 | DIN40 ADB | 250,0 9.843 | 230,9 9.091 | 8,0 0.315 | 63,0 2.480 | 10,0 0.394 | 326,4 12.850 | 85,0 3.346 | 1 | PB | 6,48 14.290 |
| E3471502363315 | 02503168 | DIN50 ADB | 315,0 12.402 | 295,9 11.650 | 8,0 0.315 | 63,0 2.480 | 8,0 0.315 | 424,75 16.722 | 120,0 4.724 | 1 | PB | 10,04 22.130 |
| E3471502395315 | 02503169 | DIN50 ADB | 315,0 12.402 | 295,9 11.650 | 8,0 0.315 | 95,0 3.740 | 20,5 0.807 | 424,75 16.722 | 130,0 5.118 | 1 | PB | 19,0 41.890 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| DIN40 | 950A0406 |
| DIN50 | 950A0606 |



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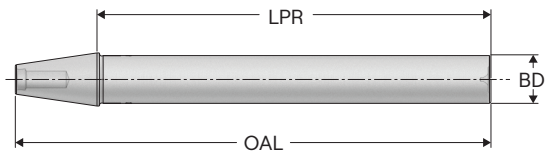
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

- Metric/ Inch



- Diameter, length values and measurement positions are laser engraved on each test bar
- DIN50 also suitable for BT50 spindles
- With protective case and measurement report
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | LPR | BD | OAL | RFID hole | Balancing | Weight |
|---------------|-------------|---------|-------------------|-------------------|-------------------|-----------|-----------|---------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | |
| E446958640330 | 75041806 | DIN40 A | 330,0 12.992 | 40,0 1.575 | 398,4 15.685 | 1 | - | 2,7 5.950 |
| E447158650330 | 75041808 | DIN50 A | 330,0 12.992 | 50,0 1.969 | 431,7 16.996 | 1 | - | 6,8 14.990 |

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- HSK-E
- DIN**
- BT JIS
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- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

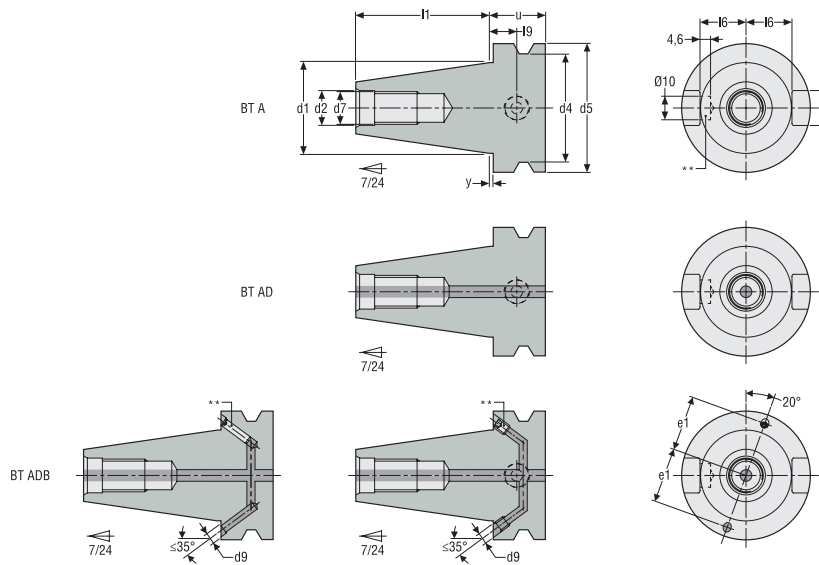


BT

Seco range of rotating holders allow you to get the most out of both your machine and tool by offering a comprehensive array of solutions to connect them. The range covers all standard workpiece side connections, as well Seco's unique connections

- Steadyline, vibration damping shell mill holders
- Shell mill holders, with through coolant channels
- Milling cutter holders, flange mounting
- Disc mill holders
- Side lock holders, Weldon
- Shrinkfit holders
- High precision collet chucks
- Hydraulics chucks and Power milling chucks
- ER collet chucks
- Drill chucks and Tapping chucks
- Taper adapters SA
- Greenstock blanks and Control bars

JIS B 6339 with coolant through A/AD/B from DIN (ISO 7388-2-J/JD/JF)



| Machine side catalogue designation | Through coolant Form | Hole for RFID carrier* | d_1 | d_2 | d_4 | d_5^{****} | d_7 | d_9 | e_1 | u | l_1 | l_6 | l_9 | b | y |
|------------------------------------|----------------------|------------------------|----------------|---------------|-------------|--------------|-------|------------|-------------|-------------|----------------|---------------|---------------|---------------|------------|
| | | | mm inch | mm inch | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| BT30 | A/AD | No*** | 31,75 1.250 | 12,5 0.492 | 38 1.496 | 46 1.811 | M12 | - | - | 22 0.866 | 48,4 1.906 | 16,3 0.642 | 11 0.433 | 16,1 0.634 | 2 0.079 |
| BT40 | A/AD | *** | 44,45 1.750 | 17 0.669 | 53 2.087 | 63 2.480 | M16 | - | - | 27 1.063 | 65,4 2.575 | 22,5 0.886 | 14,5 0.571 | 16,1 0.634 | 2 0.079 |
| BT40 ADB | A/AD/B | *** | 44,45 1.750 | 17 0.669 | 53 2.087 | 63 2.480 | M16 | 4 0.157 | 27 1.063 | 27 1.063 | 65,4 2.575 | 22,5 0.886 | 14,5 0.571 | 16,1 0.634 | 2 0.079 |
| BT50 | A/AD | *** | 69,85 2.750 | 25 0.984 | 85 3.346 | 100 3.937 | M24 | - | - | 38 1.496 | 101,8 4.008 | 35,4 1.394 | 20,5 0.807 | 25,7 1.012 | 3 0.118 |
| BT50 ADB | A/AD/B | *** | 69,85 2.750 | 25 0.984 | 85 3.346 | 100 3.937 | M24 | 6 0.236 | 42 1.654 | 38 1.496 | 101,8 4.008 | 35,4 1.394 | 20,5 0.807 | 25,7 1.012 | 3 0.118 |

Note: These machine side dimensions are applied to all the holders shown in the Product pages.

The B through coolant design of ADB holders is made according to DIN 69871-B.

* BT holders with a front end diameter in excess of diameter d_5 , are produced with a flange clearance length: BT30 = ϕ 45 mm x 3 mm; BT40 = ϕ 62 mm x 8 mm; BT50 = ϕ 98 mm x 12 mm. This is compatible with the BT JIS norm which permits free dimensions on workpiece side.

*** In order to know if a hole for RFID carrier exists, see 'RFID hole' column in Product pages:

1= hole for RFID carrier available, if required a carrier can be fitted on request, please enquire.

0= hole for RFID carrier not available, if required hole can be machined and a carrier can be fitted on request, please enquire.

Steadyline®, vibration damping
– Metric/ Inch

BT JIS B 6339-ADB

Guide

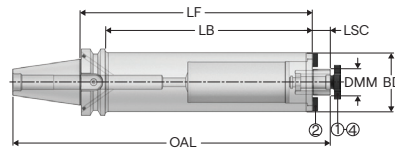
HSK-A

HSK-E

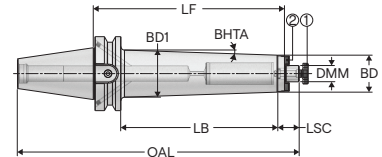
DIN



Design 1 (5555)



Design 2 (5556)



–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw

BT JIS

CAT

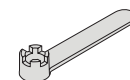
Combimaster

| Designation | Item number | CTMS | DMM | LF | BD | BD1 | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|-----------------|---------------|---------------|-----------------|-----------------|---------------|--------|-------|-----------|-----------|-----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| E3414555522210 | 02675756 | BT40 ADB | 22,0 0.866 | 210,0 8.268 | 48,0 1.890 | 48,0 1.890 | 294,4 11.591 | 183,0 7.205 | 19,0 0.748 | 1 | – | 1 | PB | 3,78 8.330 |
| E3416555522210 | 02675760 | BT50 ADB | 22,0 0.866 | 210,0 8.268 | 48,0 1.890 | 48,0 1.890 | 330,8 13.024 | 172,0 6.772 | 19,0 0.748 | 1 | – | 1 | PB | 6,08 13.400 |
| E3416555622260 | 02671860 | BT50 ADB | 22,0 0.866 | 260,0 10.236 | 48,0 1.890 | 64,0 2.520 | 380,8 14.992 | 222,0 8.740 | 19,0 0.748 | 2 | 1,9 | 1 | PB | 7,9 17.420 |
| E3416555527260 | 02675761 | BT50 ADB | 27,0 1.063 | 260,0 10.236 | 60,0 2.362 | 60,0 2.362 | 382,8 15.071 | 222,0 8.740 | 21,0 0.827 | 1 | – | 1 | PB | 9,06 19.970 |
| E3416555627320 | 02675762 | BT50 ADB | 27,0 1.063 | 320,0 12.598 | 60,0 2.362 | 80,0 3.150 | 442,8 17.433 | 282,0 11.102 | 21,0 0.827 | 2 | 1,9 | 1 | PB | 12,64 27.870 |
| E341655532330 | 02706265 | BT50 ADB | 32,0 1.260 | 330,0 12.992 | 78,0 3.071 | 78,0 3.071 | 455,8 17.945 | 292,0 11.496 | 24,0 0.945 | 1 | – | 1 | PB | 15,34 33.820 |

Accessories

Graflex

| For | Bolt, through coolant | Spanner |
|-----|-----------------------|---------|
|-----|-----------------------|---------|



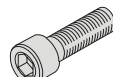
Seco Capto™

| | | |
|----------|----------|---------|
| BT40/ 22 | 5802210L | 5812210 |
| BT50/ 22 | 5802210L | 5812210 |
| BT50/ 27 | 5802712L | 5812712 |
| BT50/ 32 | 5803216L | 5813216 |

Spare Parts, included in delivery

Others

| For | Bolt | Screw | Sealing Screws | Tenon |
|-----|------|-------|----------------|-------|
|-----|------|-------|----------------|-------|



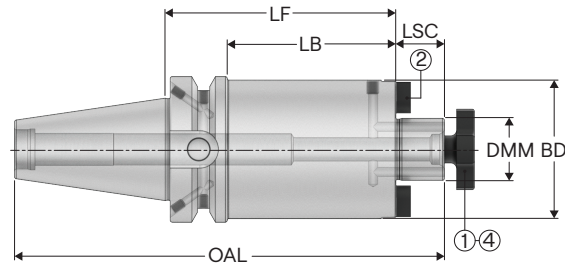
Operating & setting accessories

| | | | | |
|----------|---------|----------|----------|-------------|
| BT40/ 22 | 5802210 | 950D0416 | 950A0406 | 16C2101111 |
| BT50/ 22 | 5802210 | 950D0416 | 950A0606 | 16C2101111 |
| BT50/ 27 | 5802712 | 950D0516 | 950A0606 | 16C2121214A |
| BT50/ 32 | 5803216 | 950D0516 | 950A0606 | 16C2141421A |

Shrinkfit

With through coolant channels – ISO 3937
– Metric/ Inch

BT JIS B 6339-ADB



–DMM 40 mm / 1.575", includes 4 threaded holes for M12 screws on the bearing face $\varnothing 66,7$ mm / 2.626" according to DIN 6357
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|---------------------|-------------|----------|---------------|----------------|---------------|-----------------|----------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| BT40ADB-SM16-045-L1 | 10007139 | BT40 ADB | 16,0 0.630 | 45,0 1.772 | 38,0 1.496 | 127,4 5.016 | 18,0 0.709 | 17,0 0.669 | 1 | G6.3 | 1,2 2.650 |
| BT40ADB-SM16-100-L1 | 10007140 | BT40 ADB | 16,0 0.630 | 100,0 3.937 | 38,0 1.496 | 182,4 7.181 | 73,0 2.874 | 17,0 0.669 | 1 | G6.3 | 1,7 3.750 |
| BT40ADB-SM22-045-L1 | 10007141 | BT40 ADB | 22,0 0.866 | 45,0 1.772 | 48,0 1.890 | 129,4 5.094 | 18,0 0.709 | 19,0 0.748 | 1 | G6.3 | 1,3 2.870 |
| BT40ADB-SM22-100-L1 | 10007142 | BT40 ADB | 22,0 0.866 | 100,0 3.937 | 48,0 1.890 | 184,4 7.260 | 73,0 2.874 | 19,0 0.748 | 1 | G6.3 | 2,0 4.410 |
| BT40ADB-SM27-045-L1 | 10007143 | BT40 ADB | 27,0 1.063 | 45,0 1.772 | 60,0 2.362 | 131,4 5.173 | 18,0 0.709 | 21,0 0.827 | 1 | G6.3 | 1,5 3.310 |
| BT40ADB-SM27-100-L1 | 10007144 | BT40 ADB | 27,0 1.063 | 100,0 3.937 | 60,0 2.362 | 186,4 7.339 | 73,0 2.874 | 21,0 0.827 | 1 | G6.3 | 2,7 5.950 |
| BT40ADB-SM32-050-L1 | 10007145 | BT40 ADB | 32,0 1.260 | 50,0 1.969 | 78,0 3.071 | 139,4 5.488 | 23,0 0.906 | 24,0 0.945 | 1 | G6.3 | 1,8 3.970 |
| BT40ADB-SM40-050-L1 | 10007146 | BT40 ADB | 40,0 1.575 | 50,0 1.969 | 89,0 3.504 | 142,4 5.606 | 23,0 0.906 | 27,0 1.063 | 1 | G6.3 | 2,1 4.630 |
| BT50ADB-SM16-100-L1 | 10007148 | BT50 ADB | 16,0 0.630 | 100,0 3.937 | 38,0 1.496 | 218,8 8.614 | 62,0 2.441 | 17,0 0.669 | 1 | G6.3 | 4,1 9.040 |
| BT50ADB-SM22-055-L1 | 10007149 | BT50 ADB | 22,0 0.866 | 55,0 2.165 | 48,0 1.890 | 175,8 6.921 | 17,0 0.669 | 19,0 0.748 | 1 | G6.3 | 3,8 8.380 |
| BT50ADB-SM22-100-L1 | 10007150 | BT50 ADB | 22,0 0.866 | 100,0 3.937 | 48,0 1.890 | 220,8 8.693 | 62,0 2.441 | 19,0 0.748 | 1 | G6.3 | 4,5 9.920 |
| BT50ADB-SM22-160-L1 | 10007151 | BT50 ADB | 22,0 0.866 | 160,0 6.299 | 48,0 1.890 | 280,8 11.055 | 122,0 4.803 | 19,0 0.748 | 1 | G6.3 | 5,3 11.680 |
| BT50ADB-SM27-055-L1 | 10007152 | BT50 ADB | 27,0 1.063 | 55,0 2.165 | 60,0 2.362 | 177,8 7.000 | 17,0 0.669 | 21,0 0.827 | 1 | G6.3 | 4,0 8.820 |
| BT50ADB-SM27-100-L1 | 10007153 | BT50 ADB | 27,0 1.063 | 100,0 3.937 | 60,0 2.362 | 222,8 8.772 | 62,0 2.441 | 21,0 0.827 | 1 | G6.3 | 5,0 11.020 |
| BT50ADB-SM27-160-L1 | 10007154 | BT50 ADB | 27,0 1.063 | 160,0 6.299 | 60,0 2.362 | 282,8 11.134 | 122,0 4.803 | 21,0 0.827 | 1 | G6.3 | 6,3 13.890 |
| BT50ADB-SM32-055-L1 | 10007155 | BT50 ADB | 32,0 1.260 | 55,0 2.165 | 78,0 3.071 | 180,8 7.118 | 17,0 0.669 | 24,0 0.945 | 1 | G6.3 | 4,3 9.480 |
| BT50ADB-SM32-100-L1 | 10007156 | BT50 ADB | 32,0 1.260 | 100,0 3.937 | 78,0 3.071 | 225,8 8.890 | 62,0 2.441 | 24,0 0.945 | 1 | G6.3 | 6,0 13.230 |
| BT50ADB-SM32-160-L1 | 10007157 | BT50 ADB | 32,0 1.260 | 160,0 6.299 | 78,0 3.071 | 285,8 11.252 | 122,0 4.803 | 24,0 0.945 | 1 | G6.3 | 8,2 18.080 |
| BT50ADB-SM40-055-L1 | 10007158 | BT50 ADB | 40,0 1.575 | 55,0 2.165 | 89,0 3.504 | 183,8 7.236 | 17,0 0.669 | 27,0 1.063 | 1 | G6.3 | 4,6 10.140 |
| BT50ADB-SM40-100-L1 | 10007159 | BT50 ADB | 40,0 1.575 | 100,0 3.937 | 89,0 3.504 | 228,8 9.008 | 62,0 2.441 | 27,0 1.063 | 1 | G6.3 | 6,7 14.770 |
| BT50ADB-SM40-160-L1 | 10007160 | BT50 ADB | 40,0 1.575 | 160,0 6.299 | 89,0 3.504 | 288,8 11.370 | 122,0 4.803 | 27,0 1.063 | 1 | G6.3 | 9,2 20.280 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex


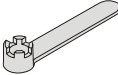
Seco Capto™

Others



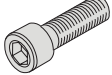

Operating & setting accessories

Shrinkfit

Accessories

| Guide | For | Bolt, through coolant | Spanner |
|-------|----------|---|---|
| | |  |  |
| HSK-A | BT40/ 16 | 5801608L | 5811608 |
| | BT40/ 22 | 5802210L | 5812210 |
| | BT40/ 27 | 5802712L | 5812712 |
| | BT40/ 32 | 5803216L | 5813216 |
| HSK-E | BT40/ 40 | 5804020L | 5814020 |
| | BT50/ 16 | 5801608L | 5811608 |
| | BT50/ 22 | 5802210L | 5812210 |
| | BT50/ 27 | 5802712L | 5812712 |
| DIN | BT50/ 32 | 5803216L | 5813216 |
| | BT50/ 40 | 5804020L | 5814020 |

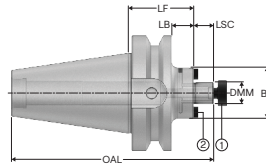
Spare Parts, included in delivery

| | For | Bolt | Plug | Screw | Tenon |
|-------------|----------|---|---|--|---|
| BT JIS | |  |  |  |  |
| CAT | BT40/ 16 | 5801608 | 950AIE0404 | 950D0312 | 16C716A |
| | BT40/ 22 | 5802210 | 950AIE0404 | 950D0412 | 16C722A |
| | BT40/ 27 | 5802712 | 950AIE0404 | 950D0515 | 16C727A |
| | BT40/ 32 | 5803216 | 950AIE0404 | 950D0615 | 16C732A |
| Combimaster | BT40/ 40 | 5804020 | 950AIE0404 | 950D0615 | 16C740A |
| | BT50/ 16 | 5801608 | 950AIE0505 | 950D0312 | 16C716A |
| | BT50/ 22 | 5802210 | 950AIE0505 | 950D0412 | 16C722A |
| | BT50/ 27 | 5802712 | 950AIE0505 | 950D0515 | 16C727A |
| | BT50/ 32 | 5803216 | 950AIE0505 | 950D0615 | 16C732A |
| | BT50/ 40 | 5804020 | 950AIE0505 | 950D0615 | 16C740A |

| | | | | | |
|---------------------------------|--|--|--|--|--|
| Graflex | | | | | |
| Seco Capto™ | | | | | |
| Others | | | | | |
| Operating & setting accessories | | | | | |
| Shrinkfit | | | | | |

With through coolant channels – ISO 3937
– Inch

BT JIS B 6339-AD



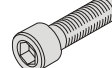



–For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|-------------------------|-------------|---------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | lbs |
| BT40AD-SM0.750-1.750-L1 | 03301687 | BT40 AD | 0.750 | 1.750 | 1.750 | 5.013 | 0.687 | 0.688 | 1 | G6.3 | 2.650 |
| BT40AD-SM1.000-1.750-L1 | 03301684 | BT40 AD | 1.000 | 1.750 | 2.250 | 5.013 | 0.687 | 0.688 | 1 | G6.3 | 3.090 |
| BT50AD-SM0.750-2.250-L1 | 03301680 | BT50 AD | 0.750 | 2.250 | 1.750 | 6.946 | 0.754 | 0.688 | 1 | G6.3 | 8.380 |

Spare Parts, included in delivery

| For | Bolt | Plug | Screw | Tenon |
|-------------|---|---|--|---|
| |  |  |  |  |
| BT40/ 0.750 | 58271905 | 950AIE0404 | 950DNC012031 | 16C71905 |
| BT40/ 1.000 | 58272540 | 950AIE0404 | 950DNC016037 | 16C72540 |
| BT50/ 0.750 | 58271905 | 950AIE0505 | 950DNC012031 | 16C71905 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

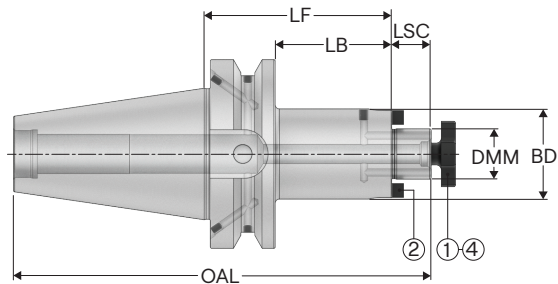
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Small face with through coolant channels – ISO 3937
– Metric/ Inch




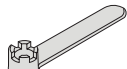
–Small workpiece side diameter BD according to ISO 3937, suitable for Seco disc mill cutters Type B
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant




Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|----------------------|-------------|---------|---------------|----------------|---------------|----------------|---------------|---------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| BT30AD-SM22-040-F3L1 | 03301665 | BT30 AD | 22,0 0.866 | 40,0 1.575 | 40,0 1.575 | 107,4 4.228 | 18,0 0.709 | 19,0 0.748 | 0 | G6.3 | 0,6 1.320 |
| BT30AD-SM22-100-F3L1 | 03301666 | BT30 AD | 22,0 0.866 | 100,0 3.937 | 40,0 1.575 | 167,4 6.591 | 78,0 3.071 | 19,0 0.748 | 0 | G6.3 | 1,2 2.650 |
| BT30AD-SM27-040-F3L1 | 03301667 | BT30 AD | 27,0 1.063 | 40,0 1.575 | 48,0 1.890 | 109,4 4.307 | 18,0 0.709 | 21,0 0.827 | 0 | G6.3 | 0,8 1.760 |
| BT30AD-SM27-100-F3L1 | 03301668 | BT30 AD | 27,0 1.063 | 100,0 3.937 | 48,0 1.890 | 169,4 6.669 | 78,0 3.071 | 21,0 0.827 | 0 | G6.3 | 1,6 3.530 |

Accessories

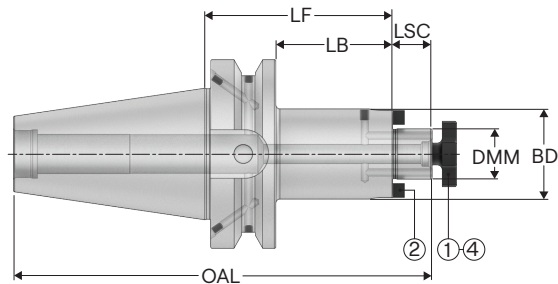
| For | Bolt, through coolant | Spanner |
|-----|---|--|
| 22 |  5802210L |  5812210 |
| 27 | 5802712L | 5812712 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|-----|--|---|---|
| 22 |  5802210 |  950D0410 |  16C722 |
| 27 | 5802712 | 950D0512 | 16C727 |

Small face with through coolant channels – ISO 3937
– Metric/ Inch

BT JIS B 6339-AD



–Small workpiece side diameter BD according to ISO 3937, suitable for Seco disc mill cutters Type B
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight | | | | | |
|-----------------------|-------------|----------|------|-------|-------|-------|------|-------|--------|-----------|-----------|--------|-------|---|------|-----|--------|
| | | | mm | inch | | | | | | | | | | | | | |
| BT40ADB-SM22-052-F3L1 | 03301654 | BT40 ADB | 22,0 | 0.866 | 52,0 | 2.047 | 40,0 | 1.575 | 5.370 | 25,0 | 0.984 | 19,0 | 0.748 | 1 | G6.3 | 1,3 | 2.870 |
| BT40ADB-SM22-100-F3L1 | 03301655 | BT40 ADB | 22,0 | 0.866 | 100,0 | 3.937 | 40,0 | 1.575 | 7.260 | 73,0 | 2.874 | 19,0 | 0.748 | 1 | G6.3 | 1,8 | 3.970 |
| BT40ADB-SM27-052-F3L1 | 03301656 | BT40 ADB | 27,0 | 1.063 | 52,0 | 2.047 | 48,0 | 1.890 | 5.449 | 25,0 | 0.984 | 21,0 | 0.827 | 1 | G6.3 | 1,4 | 3.090 |
| BT40ADB-SM27-100-F3L1 | 03301657 | BT40 ADB | 27,0 | 1.063 | 100,0 | 3.937 | 48,0 | 1.890 | 7.339 | 73,0 | 2.874 | 21,0 | 0.827 | 1 | G6.3 | 2,1 | 4.630 |
| BT40ADB-SM32-052-F3L1 | 03301659 | BT40 ADB | 32,0 | 1.260 | 52,0 | 2.047 | 58,0 | 2.283 | 5.567 | 25,0 | 0.984 | 24,0 | 0.945 | 1 | G6.3 | 1,7 | 3.750 |
| BT40ADB-SM40-060-F3L1 | 03301660 | BT40 ADB | 40,0 | 1.575 | 60,0 | 2.362 | 70,0 | 2.756 | 6.000 | 33,0 | 1.299 | 27,0 | 1.063 | 1 | G6.3 | 2,2 | 4.850 |
| BT50ADB-SM22-063-F3L1 | 03301630 | BT50 ADB | 22,0 | 0.866 | 63,0 | 2.480 | 40,0 | 1.575 | 7.236 | 25,0 | 0.984 | 19,0 | 0.748 | 1 | G6.3 | 3,8 | 8.380 |
| BT50ADB-SM22-100-F3L1 | 03301631 | BT50 ADB | 22,0 | 0.866 | 100,0 | 3.937 | 40,0 | 1.575 | 8.693 | 62,0 | 2.441 | 19,0 | 0.748 | 1 | G6.3 | 4,2 | 9.260 |
| BT50ADB-SM22-160-F3L1 | 03301632 | BT50 ADB | 22,0 | 0.866 | 160,0 | 6.299 | 40,0 | 1.575 | 11.055 | 122,0 | 4.803 | 19,0 | 0.748 | 1 | G6.3 | 4,8 | 10.580 |
| BT50ADB-SM27-063-F3L1 | 03301634 | BT50 ADB | 27,0 | 1.063 | 63,0 | 2.480 | 48,0 | 1.890 | 7.315 | 25,0 | 0.984 | 21,0 | 0.827 | 1 | G6.3 | 3,9 | 8.600 |
| BT50ADB-SM27-100-F3L1 | 03301635 | BT50 ADB | 27,0 | 1.063 | 100,0 | 3.937 | 48,0 | 1.890 | 8.772 | 62,0 | 2.441 | 21,0 | 0.827 | 1 | G6.3 | 4,5 | 9.920 |
| BT50ADB-SM27-160-F3L1 | 03301636 | BT50 ADB | 27,0 | 1.063 | 160,0 | 6.299 | 48,0 | 1.890 | 11.134 | 122,0 | 4.803 | 21,0 | 0.827 | 1 | G6.3 | 5,3 | 11.680 |
| BT50ADB-SM32-063-F3L1 | 03301637 | BT50 ADB | 32,0 | 1.260 | 63,0 | 2.480 | 58,0 | 2.283 | 7.433 | 25,0 | 0.984 | 24,0 | 0.945 | 1 | G6.3 | 4,2 | 9.260 |
| BT50ADB-SM32-100-F3L1 | 03301638 | BT50 ADB | 32,0 | 1.260 | 100,0 | 3.937 | 58,0 | 2.283 | 8.890 | 62,0 | 2.441 | 24,0 | 0.945 | 1 | G6.3 | 4,9 | 10.800 |
| BT50ADB-SM32-160-F3L1 | 03301639 | BT50 ADB | 32,0 | 1.260 | 160,0 | 6.299 | 58,0 | 2.283 | 11.252 | 122,0 | 4.803 | 24,0 | 0.945 | 1 | G6.3 | 6,1 | 13.450 |
| BT50ADB-SM40-063-F3L1 | 03301640 | BT50 ADB | 40,0 | 1.575 | 63,0 | 2.480 | 70,0 | 2.756 | 7.551 | 25,0 | 0.984 | 27,0 | 1.063 | 1 | G6.3 | 4,5 | 9.920 |
| BT50ADB-SM40-160-F3L1 | 03301642 | BT50 ADB | 40,0 | 1.575 | 160,0 | 6.299 | 70,0 | 2.756 | 11.370 | 122,0 | 4.803 | 27,0 | 1.063 | 1 | G6.3 | 7,3 | 16.090 |

Guide

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HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex


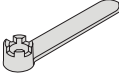
Seco Capto™

Others





Operating & setting accessories

Shrinkfit

Accessories

| Guide | For | Bolt, through coolant | Spanner |
|-------|----------|---|---|
| | |  |  |
| HSK-A | BT40/ 22 | 5802210L | 5812210 |
| | BT40/ 27 | 5802712L | 5812712 |
| | BT40/ 32 | 5803216L | 5813216 |
| | BT40/ 40 | 5804020L | 5814020 |
| HSK-E | BT50/ 22 | 5802210L | 5812210 |
| | BT50/ 27 | 5802712L | 5812712 |
| | BT50/ 32 | 5803216L | 5813216 |
| | BT50/ 40 | 5804020L | 5814020 |

Spare Parts, included in delivery

| DIN | For | Bolt | Plug | Screw | Tenon |
|--------|----------|---|---|--|---|
| | |  |  |  |  |
| BT JIS | BT40/ 22 | 5802210 | 950AIE0404 | 950D0410 | 16C722 |
| | BT40/ 27 | 5802712 | 950AIE0404 | 950D0512 | 16C727 |
| | BT40/ 32 | 5803216 | 950AIE0404 | 950D0616 | 16C732 |
| | BT40/ 40 | 5804020 | 950AIE0404 | 950D0616 | 16C740 |
| CAT | BT50/ 22 | 5802210 | 950AIE0505 | 950D0410 | 16C722 |
| | BT50/ 27 | 5802712 | 950AIE0505 | 950D0512 | 16C727 |
| | BT50/ 32 | 5803216 | 950AIE0505 | 950D0616 | 16C732 |
| | BT50/ 40 | 5804020 | 950AIE0505 | 950D0616 | 16C740 |

Combimaster

Graflex

Seco Capto™

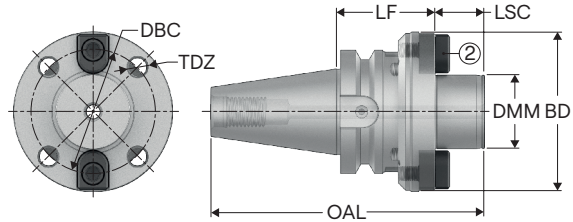
Others

Operating & setting accessories

Shrinkfit

Flange mounting – DIN 6357/ DIN 2079
– Metric/ Inch

BT JIS B 6339-AD




–For ISO attribute explanation, see page 15

Spare parts:
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LSC | DBC | TDZ | RFID hole | Balancing | Weight |
|------------------|-------------|---------|---------------|---------------|----------------|----------------|---------------|----------------|-----|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| BT50AD-SMF40-070 | 03301643 | BT50 AD | 40,0 1.575 | 70,0 2.756 | 89,0 3.504 | 201,8 7.945 | 30,0 1.181 | 66,7 2.626 | M12 | 1 | G6.3 | 5,3 11.680 |
| BT50AD-SMF60-080 | 03301644 | BT50 AD | 60,0 2.362 | 80,0 3.150 | 129,0 5.079 | 221,8 8.732 | 40,0 1.575 | 101,6 4.000 | M16 | 1 | G6.3 | 8,0 17.640 |

Spare Parts, included in delivery

| For | Screw | Tenon |
|------------------|--|--|
| BT50AD-SMF40-070 |  950D0616 |  16C34040 |
| BT50AD-SMF60-080 | 950D1225 | 16C35060 |

Guide

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Combimaster

Graffex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Guide

- Metric/ Inch

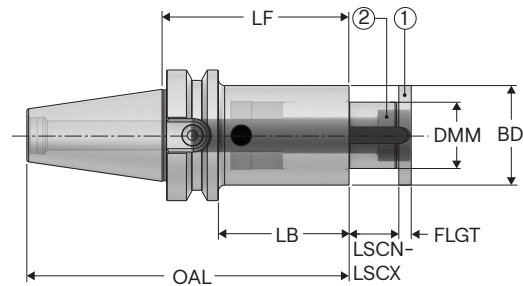
HSK-A

HSK-E

DIN

-Best suited for Seco disc mill cutters Type A
-For ISO attribute explanation, see page 15

Spare parts:
1 = Slide rod
2 = Screw



BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

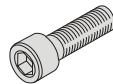
Operating & setting accessories

Shrinkfit

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | FLGT | LSCN | LSCX | RFID hole | Balancing | Weight |
|----------------|-------------|--------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| E404156573290 | 02602705 | BT40 A | 32,0 1.260 | 90,0 3.543 | 48,0 1.890 | 155,4 6.118 | 63,0 2.480 | 6,0 0.236 | 0,0 0.0 | 24,0 0.945 | 1 | PB | 1,91 4.210 |
| E5766565740120 | 02602710 | BT50 A | 40,0 1.575 | 120,0 4.724 | 58,0 2.283 | 221,8 8.732 | 82,0 3.228 | 7,0 0.276 | 0,0 0.0 | 30,0 1.181 | 1 | PB | 5,4 11.900 |
| E5766565750145 | 02602712 | BT50 A | 50,0 1.969 | 145,0 5.709 | 72,0 2.835 | 246,8 9.717 | 107,0 4.213 | 8,0 0.315 | 0,0 0.0 | 32,0 1.260 | 1 | PB | 7,04 15.520 |

Spare Parts, included in delivery

| For | Screw | Slide rod |
|----------------|-----------|-----------|
| E404156573290 | 950D1690 | 565732 |
| E5766565740120 | 19C565740 | 565740 |
| E5766565750145 | 19C565750 | 565750 |

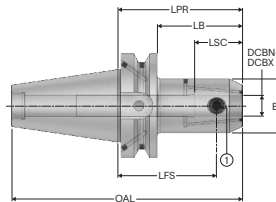


DIN 1835 Form B/ DIN 6535 Form HB
- Metric/ Inch

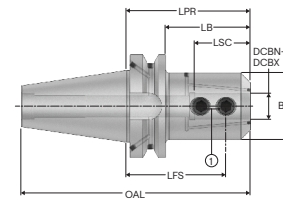
BT JIS B 6339-ADB



Design 1



Design 2



- Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
- With 2 coolant channels for front lubrication which can be sealed with included screws
- For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|---------------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|----------------|----------------|--------|-----------|-----------|---------------|
| | | | | | | | | | | | | | |
| BT40ADB-EM06-050-L1 | 10007206 | BT40 ADB | 6,0 0.236 | 50,0 1.969 | 23,0 0.906 | 35,0 1.378 | 25,0 0.984 | 115,4 4.543 | 32,0 1.260 | 1 | 1 | G6.3 | 1,1 2.430 |
| BT40ADB-EM06-120-L1 | 10007207 | BT40 ADB | 6,0 0.236 | 120,0 4.724 | 93,0 3.661 | 35,0 1.378 | 25,0 0.984 | 185,4 7.299 | 102,0 4.016 | 1 | 1 | G6.3 | 1,2 2.650 |
| BT40ADB-EM08-050-L1 | 10007208 | BT40 ADB | 8,0 0.315 | 50,0 1.969 | 23,0 0.906 | 35,0 1.378 | 28,0 1.102 | 115,4 4.543 | 32,0 1.260 | 1 | 1 | G6.3 | 1,1 2.430 |
| BT40ADB-EM08-120-L1 | 10325536 | BT40 ADB | 8,0 0.315 | 120,0 4.724 | 93,0 3.661 | 34,8 1.370 | 28,0 1.102 | 185,4 7.299 | 102,0 4.016 | 1 | 1 | G6.3 | 1,5 3.310 |
| BT40ADB-EM10-063-L1 | 10007209 | BT40 ADB | 10,0 0.394 | 63,0 2.480 | 36,0 1.417 | 36,0 1.417 | 35,0 1.378 | 128,4 5.055 | 43,0 1.693 | 1 | 1 | G6.3 | 1,2 2.650 |
| BT40ADB-EM10-120-L1 | 10325537 | BT40 ADB | 10,0 0.394 | 120,0 4.724 | 93,0 3.661 | 35,7 1.406 | 35,0 1.378 | 185,4 7.299 | 100,0 3.937 | 1 | 1 | G6.3 | 1,7 3.750 |
| BT40ADB-EM12-063-L1 | 10007210 | BT40 ADB | 12,0 0.472 | 63,0 2.480 | 36,0 1.417 | 41,0 1.614 | 42,0 1.654 | 128,4 5.055 | 40,5 1.594 | 1 | 1 | G6.3 | 1,3 2.870 |
| BT40ADB-EM12-120-L1 | 10007211 | BT40 ADB | 12,0 0.472 | 120,0 4.724 | 93,0 3.661 | 41,0 1.614 | 42,0 1.654 | 185,4 7.299 | 97,5 3.839 | 1 | 1 | G6.3 | 1,9 4.190 |
| BT40ADB-EM14-063-L1 | 10007212 | BT40 ADB | 14,0 0.551 | 63,0 2.480 | 36,0 1.417 | 41,0 1.614 | 44,0 1.732 | 128,4 5.055 | 40,5 1.594 | 1 | 1 | G6.3 | 1,3 2.870 |
| BT40ADB-EM16-063-L1 | 10007213 | BT40 ADB | 16,0 0.630 | 63,0 2.480 | 36,0 1.417 | 44,0 1.732 | 48,0 1.890 | 128,4 5.055 | 39,0 1.535 | 1 | 1 | G6.3 | 1,4 3.090 |
| BT40ADB-EM16-120-L1 | 10007214 | BT40 ADB | 16,0 0.630 | 120,0 4.724 | 93,0 3.661 | 44,0 1.732 | 48,0 1.890 | 185,4 7.299 | 96,0 3.780 | 1 | 1 | G6.3 | 2,1 4.630 |
| BT40ADB-EM18-063-L1 | 10007215 | BT40 ADB | 18,0 0.709 | 63,0 2.480 | 36,0 1.417 | 44,0 1.732 | 50,0 1.969 | 128,4 5.055 | 39,0 1.535 | 1 | 1 | G6.3 | 1,4 3.090 |
| BT40ADB-EM20-063-L1 | 10007216 | BT40 ADB | 20,0 0.787 | 63,0 2.480 | 36,0 1.417 | 46,0 1.811 | 52,0 2.047 | 128,4 5.055 | 38,0 1.496 | 1 | 1 | G6.3 | 1,4 3.090 |
| BT40ADB-EM20-120-L1 | 10007217 | BT40 ADB | 20,0 0.787 | 120,0 4.724 | 93,0 3.661 | 46,0 1.811 | 52,0 2.047 | 185,4 7.299 | 95,0 3.740 | 1 | 1 | G6.3 | 2,3 5.070 |
| BT40ADB-EM25-090-L1 | 10007219 | BT40 ADB | 25,0 0.984 | 90,0 3.543 | 63,0 2.480 | 54,0 2.126 | 63,0 2.480 | 155,4 6.118 | 66,0 2.598 | 2 | 1 | G6.3 | 2,2 4.850 |
| BT40ADB-EM25-160-L1 | 10325538 | BT40 ADB | 25,0 0.984 | 160,0 6.299 | 137,0 5.394 | 54,0 2.126 | 63,0 2.480 | 225,4 8.874 | 136,0 5.354 | 2 | 1 | G6.3 | 3,8 8.380 |
| BT40ADB-EM32-100-L1 | 10007221 | BT40 ADB | 32,0 1.260 | 100,0 3.937 | 73,0 2.874 | 58,0 2.283 | 72,0 2.835 | 165,4 6.512 | 76,0 2.992 | 2 | 1 | G6.3 | 2,7 5.950 |
| BT40ADB-EM32-160-L1 | 10325539 | BT40 ADB | 32,0 1.260 | 160,0 6.299 | 137,0 5.394 | 57,0 2.244 | 72,0 2.835 | 225,4 8.874 | 136,0 5.354 | 2 | 1 | G6.3 | 4,6 10.140 |
| BT50ADB-EM12-080-L1 | 10007222 | BT50 ADB | 12,0 0.472 | 80,0 3.150 | 42,0 1.654 | 41,0 1.614 | 42,0 1.654 | 181,8 7.157 | 57,5 2.264 | 1 | 1 | G6.3 | 3,9 8.600 |
| BT50ADB-EM12-120-L1 | 10325540 | BT50 ADB | 12,0 0.472 | 120,0 4.724 | 82,0 3.228 | 40,9 1.610 | 42,0 1.654 | 221,8 8.732 | 97,5 3.839 | 1 | 1 | G6.3 | 4,2 9.260 |
| BT50ADB-EM14-080-L1 | 10007223 | BT50 ADB | 14,0 0.551 | 80,0 3.150 | 42,0 1.654 | 41,0 1.614 | 44,0 1.732 | 181,8 7.157 | 57,5 2.264 | 1 | 1 | G6.3 | 3,9 8.600 |
| BT50ADB-EM16-080-L1 | 10007224 | BT50 ADB | 16,0 0.630 | 80,0 3.150 | 42,0 1.654 | 44,0 1.732 | 48,0 1.890 | 181,8 7.157 | 56,0 2.205 | 1 | 1 | G6.3 | 4,0 8.820 |

Guide

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HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

Seco Capto™




Others

Operating & setting accessories

Shrinkfit

| Guide | Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|-------|---------------------|-------------|----------|---------------|----------------|----------------|---------------|----------------|-----------------|----------------|--------|-----------|-----------|---------------|
| | | | | | | | | | | | | | | kg lbs |
| HSK-A | BT50ADB-EM16-120-L1 | 10007225 | BT50 ADB | 16,0 0.630 | 120,0 4.724 | 82,0 3.228 | 44,0 1.732 | 48,0 1.890 | 221,8 8.732 | 96,0 3.780 | 1 | 1 | G6.3 | 4,5 9.920 |
| | BT50ADB-EM18-080-L1 | 10007226 | BT50 ADB | 18,0 0.709 | 80,0 3.150 | 42,0 1.654 | 44,0 1.732 | 50,0 1.969 | 181,8 7.157 | 56,0 2.205 | 1 | 1 | G6.3 | 4,0 8.820 |
| | BT50ADB-EM20-080-L1 | 10007227 | BT50 ADB | 20,0 0.787 | 80,0 3.150 | 42,0 1.654 | 46,0 1.811 | 52,0 2.047 | 181,8 7.157 | 55,0 2.165 | 1 | 1 | G6.3 | 4,0 8.820 |
| HSK-E | BT50ADB-EM20-120-L1 | 10007228 | BT50 ADB | 20,0 0.787 | 120,0 4.724 | 82,0 3.228 | 46,0 1.811 | 52,0 2.047 | 221,8 8.732 | 95,0 3.740 | 1 | 1 | G6.3 | 4,6 10.140 |
| | BT50ADB-EM25-100-L1 | 10007229 | BT50 ADB | 25,0 0.984 | 100,0 3.937 | 62,0 2.441 | 54,0 2.126 | 65,0 2.559 | 201,8 7.945 | 76,0 2.992 | 2 | 1 | G6.3 | 4,8 10.580 |
| | BT50ADB-EM25-120-L1 | 10007230 | BT50 ADB | 25,0 0.984 | 120,0 4.724 | 82,0 3.228 | 54,0 2.126 | 65,0 2.559 | 221,8 8.732 | 96,0 3.780 | 2 | 1 | G6.3 | 5,2 11.460 |
| DIN | BT50ADB-EM32-105-L1 | 10007232 | BT50 ADB | 32,0 1.260 | 105,0 4.134 | 67,0 2.638 | 58,0 2.283 | 72,0 2.835 | 206,8 8.142 | 81,0 3.189 | 2 | 1 | G6.3 | 5,1 11.240 |
| | BT50ADB-EM32-160-L1 | 10325541 | BT50 ADB | 32,0 1.260 | 160,0 6.299 | 122,0 4.803 | 58,0 2.283 | 72,0 2.835 | 261,8 10.307 | 136,0 5.354 | 2 | 1 | G6.3 | 7,0 15.430 |
| | BT50ADB-EM40-120-L1 | 10007233 | BT50 ADB | 40,0 1.575 | 120,0 4.724 | 82,0 3.228 | 68,0 2.677 | 80,0 3.150 | 221,8 8.732 | 90,0 3.543 | 2 | 1 | G6.3 | 5,8 12.790 |
| | BT50ADB-EM50-130-L1 | 10007234 | BT50 ADB | 50,0 1.969 | 130,0 5.118 | 92,0 3.622 | 78,0 3.071 | 100,0 3.937 | 231,8 9.126 | 95,0 3.740 | 2 | 1 | G6.3 | 7,5 16.530 |

Spare Parts, included in delivery

| BT JIS | For | Coolant screw | | Locking screw | | Plug | |
|-------------|-------------|--|--|--|--|--|--|
| | |  | |  | |  | |
| CAT | BT40/ 10 | 950A0304 | | 951C1012 | | 950AIE0404 | |
| | BT40/ 10 | 950A0304 | | 951C1012 | | - | |
| | BT40/ 12-14 | 950A0304 | | 951C1216 | | 950AIE0404 | |
| | BT40/ 16-18 | 950A0304 | | 951C1416 | | 950AIE0404 | |
| | BT40/ 20 | 950A0304 | | 951C1616 | | 950AIE0404 | |
| | BT40/ 25 | 950A0304 | | 951C1820 | | 950AIE0404 | |
| | BT40/ 25 | 950A0304 | | 951C1820 | | - | |
| | BT40/ 32 | 950A0304 | | 951C2020 | | 950AIE0404 | |
| | BT40/ 32 | 950A0304 | | 951C2020 | | - | |
| | BT40/ 6 | 950A0304 | | 951C0610 | | 950AIE0404 | |
| Graflex | BT40/ 8 | 950A0304 | | 951C0810 | | 950AIE0404 | |
| | BT40/ 8 | 950A0304 | | 951C0810 | | - | |
| | BT50/ 12-14 | 950A0304 | | 951C1216 | | 950AIE0505 | |
| Seco Capto™ | BT50/ 12-14 | 950A0304 | | 951C1216 | | - | |
| | BT50/ 16-18 | 950A0304 | | 951C1416 | | 950AIE0505 | |
| | BT50/ 20 | 950A0304 | | 951C1616 | | 950AIE0505 | |
| | BT50/ 25 | 950A0304 | | 951C1820 | | 950AIE0505 | |
| | BT50/ 32-40 | 950A0304 | | 951C2020 | | 950AIE0505 | |
| Others | BT50/ 32-40 | 950A0304 | | 951C2020 | | - | |
| | BT50/ 50 | 950A0304 | | 951C2425 | | 950AIE0505 | |

Operating & setting accessories

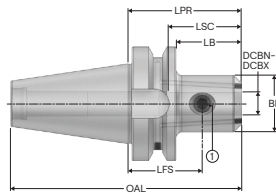
Shrinkfit

DIN 1835 Form B/ DIN 6535 Form HB
- Inch

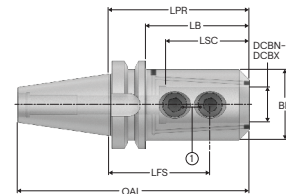
BT JIS B 6339-AD



Design 1



Design 2





-With 2 coolant channels for front lubrication which can be sealed with included screws
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|-------------------------|-------------|---------|-----------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| BT40AD-EM0.375-2.500-L1 | 03301757 | BT40 AD | 0.375 | 2.500 | 1.437 | 1.500 | 1.000 | 5.075 | 1.750 | 1 | 1 | G6.3 | 2.430 |
| BT40AD-EM0.500-2.500-L1 | 03301758 | BT40 AD | 0.500 | 2.500 | 1.437 | 1.620 | 1.250 | 5.075 | 1.630 | 1 | 1 | G6.3 | 2.650 |
| BT40AD-EM0.750-2.500-L1 | 03301759 | BT40 AD | 0.750 | 2.500 | 1.437 | 2.000 | 1.750 | 5.075 | 1.500 | 1 | 1 | G6.3 | 2.870 |
| BT40AD-EM1.000-4.000-L1 | 03301760 | BT40 AD | 1.000 | 4.000 | 2.937 | 2.250 | 2.000 | 6.575 | 2.880 | 2 | 1 | G6.3 | 3.970 |
| BT40AD-EM1.250-4.000-L1 | 03301761 | BT40 AD | 1.250 | 4.000 | 2.937 | 2.250 | 2.500 | 6.575 | 2.880 | 2 | 1 | G6.3 | 5.070 |
| BT50AD-EM1.250-4.000-L1 | 03301755 | BT50 AD | 1.250 | 4.000 | 2.504 | 2.250 | 2.500 | 8.008 | 2.880 | 2 | 1 | G6.3 | 10.140 |
| BT50AD-EM1.500-4.500-L1 | 03301756 | BT50 AD | 1.500 | 4.500 | 3.012 | 2.620 | 2.750 | 8.508 | 3.000 | 2 | 1 | G6.3 | 11.020 |

Spare Parts, included in delivery

| For | Coolant screw | Locking screw |
|-------------|---|---|
| |  |  |
| 0.375 | 950A0304 | 951CNF037031 |
| 0.500 | 950A0304 | 951CNF043037 |
| 0.750 | 950A0304 | 951CNF062050 |
| 1.000-1.500 | 950A0304 | 951CNF075068 |

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Combimaster

Graflex

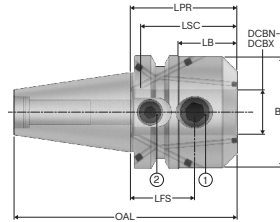
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Short type
- Metric/ Inch







-Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
-With 2 coolant channels for front lubrication which can be sealed with included screws
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw
2 = Locking screw, reduced

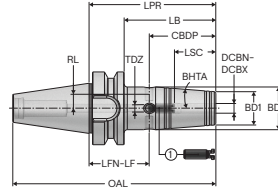
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | TDZ1 | TDZ2 | RFID hole | Balancing | Weight |
|-----------------------|-------------|----------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|-------|------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| BT40ADB-EM25-060-F5L1 | 10007218 | BT40 ADB | 25,0 0.984 | 60,0 2.362 | 33,0 1.299 | 54,0 2.126 | 62,0 2.441 | 125,4 4.937 | 36,0 1.417 | M18x2 | M14 | 0 | G6.3 | 1,5 3.310 |
| BT40ADB-EM32-065-F5L1 | 10007220 | BT40 ADB | 32,0 1.260 | 65,0 2.559 | 38,0 1.496 | 58,0 2.283 | 62,0 2.441 | 130,4 5.134 | 41,0 1.614 | M20x2 | M14 | 0 | G6.3 | 1,5 3.310 |
| BT50ADB-EM25-044-F5L1 | 03301733 | BT50 ADB | 25,0 0.984 | 44,0 1.732 | 6,0 0.236 | 54,0 2.126 | 57,0 2.244 | 145,8 5.740 | 20,5 0.807 | M18x2 | M14 | 0 | G6.3 | 3,4 7.500 |

Spare Parts, included in delivery

| For | Coolant screw | Locking screw | Locking screw, reduced | Plug |
|-----------------------|---|---|--|---|
| |  |  |  |  |
| BT40ADB-EM25-060-F5L1 | 950A0304 | 951C1817 | 950A1410 | 950AIE0404 |
| BT40ADB-EM32-065-F5L1 | 950A0304 | 951C2014 | 951C1407 | 950AIE0404 |
| BT50ADB-EM25-044-F5L1 | 950A0304 | 951C1820 | - | 950AIE0505 |

DIN type
- Metric/ Inch

BT JIS B 6339-AD



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------|-------------|---------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | | |
| E404056030680 | 02753111 | BT30 AD | 6,0 0.236 | 80,0 3.150 | 58,0 2.283 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 128,4 5.055 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M5x0.8 | 4,5 | 0 | G2.5 | 0,6 1.320 |
| E404056030880 | 02753112 | BT30 AD | 8,0 0.315 | 80,0 3.150 | 58,0 2.283 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 128,4 5.055 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M6x1 | 4,5 | 0 | G2.5 | 0,6 1.320 |
| E404056031080 | 02753113 | BT30 AD | 10,0 0.394 | 80,0 3.150 | 58,0 2.283 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 128,4 5.055 | 39,0 1.535 | 49,0 1.929 | 13,0 0.512 | M8x1 | 4,5 | 0 | G2.5 | 0,7 1.540 |
| E404056031280 | 02753114 | BT30 AD | 12,0 0.472 | 80,0 3.150 | 58,0 2.283 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 128,4 5.055 | 34,0 1.339 | 44,0 1.732 | 13,0 0.512 | M10x1 | 4,5 | 0 | G2.5 | 0,7 1.540 |

Accessories

| For | Balancing screws |
|-----|------------------|
| All | 90ZQ01 |

Spare Parts, included in delivery

| For | Stop screw |
|---------------|------------|
| E404056030680 | 19BDR05165 |
| E404056030880 | 19BDR06165 |
| E404056031080 | 19BDR08165 |
| E404056031280 | 19BDR10165 |

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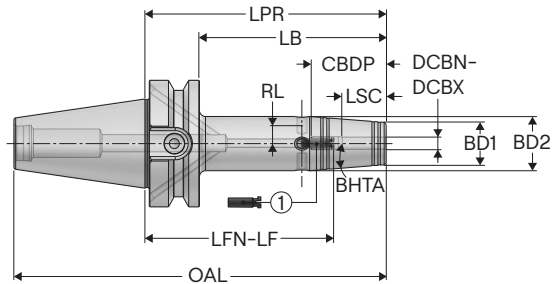
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

DIN type
- Metric/ Inch




-Run-out $\leq 3 \mu\text{m}$
-Delivered with one stop screw
-For Shrinkfit extensions, see page(s) 357-358
-For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw



| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CB DP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | | |
| E341456030690 | 02753045 | BT40 ADB | 6,0 0.236 | 90,0 3.543 | 63,0 2.480 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 155,4 6.118 | 54,0 2.126 | 64,0 2.520 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E3414560306120 | 02753043 | BT40 ADB | 6,0 0.236 | 120,0 4.724 | 93,0 3.661 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 185,4 7.299 | 84,0 3.307 | 94,0 3.701 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E3414560306160 | 02753044 | BT40 ADB | 6,0 0.236 | 160,0 6.299 | 133,0 5.236 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 225,4 8.874 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E341456030890 | 02753048 | BT40 ADB | 8,0 0.315 | 90,0 3.543 | 63,0 2.480 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 155,4 6.118 | 54,0 2.126 | 64,0 2.520 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E3414560308120 | 02753046 | BT40 ADB | 8,0 0.315 | 120,0 4.724 | 93,0 3.661 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 185,4 7.299 | 84,0 3.307 | 94,0 3.701 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E3414560308160 | 02753047 | BT40 ADB | 8,0 0.315 | 160,0 6.299 | 133,0 5.236 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 225,4 8.874 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E341456031090 | 02753051 | BT40 ADB | 10,0 0.394 | 90,0 3.543 | 63,0 2.480 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 155,4 6.118 | 49,0 1.929 | 59,0 2.323 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E3414560310120 | 02753049 | BT40 ADB | 10,0 0.394 | 120,0 4.724 | 93,0 3.661 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 185,4 7.299 | 79,0 3.110 | 89,0 3.504 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E3414560310160 | 02753050 | BT40 ADB | 10,0 0.394 | 160,0 6.299 | 133,0 5.236 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 225,4 8.874 | 119,0 4.685 | 129,0 5.079 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,7 3.750 |
| E341456031290 | 02753054 | BT40 ADB | 12,0 0.472 | 90,0 3.543 | 63,0 2.480 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 155,4 6.118 | 44,0 1.732 | 54,0 2.126 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E3414560312120 | 02753052 | BT40 ADB | 12,0 0.472 | 120,0 4.724 | 93,0 3.661 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 185,4 7.299 | 74,0 2.913 | 84,0 3.307 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E3414560312160 | 02753053 | BT40 ADB | 12,0 0.472 | 160,0 6.299 | 133,0 5.236 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 225,4 8.874 | 114,0 4.488 | 124,0 4.882 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,7 3.750 |
| E341456031490 | 02753057 | BT40 ADB | 14,0 0.551 | 90,0 3.543 | 63,0 2.480 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 155,4 6.118 | 44,0 1.732 | 54,0 2.126 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E3414560314120 | 02753056 | BT40 ADB | 14,0 0.551 | 120,0 4.724 | 93,0 3.661 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 185,4 7.299 | 74,0 2.913 | 84,0 3.307 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E341456031690 | 02753060 | BT40 ADB | 16,0 0.630 | 90,0 3.543 | 63,0 2.480 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 155,4 6.118 | 41,0 1.614 | 51,0 2.008 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E3414560316120 | 02753058 | BT40 ADB | 16,0 0.630 | 120,0 4.724 | 93,0 3.661 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 185,4 7.299 | 71,0 2.795 | 81,0 3.189 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E3414560316160 | 02753059 | BT40 ADB | 16,0 0.630 | 160,0 6.299 | 133,0 5.236 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 225,4 8.874 | 111,0 4.370 | 121,0 4.764 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,8 3.970 |
| E341456031890 | 02753062 | BT40 ADB | 18,0 0.709 | 90,0 3.543 | 63,0 2.480 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 155,4 6.118 | 41,0 1.614 | 51,0 2.008 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E341456032090 | 02753064 | BT40 ADB | 20,0 0.787 | 90,0 3.543 | 63,0 2.480 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 155,4 6.118 | 39,0 1.535 | 49,0 1.929 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E3414560320120 | 02753063 | BT40 ADB | 20,0 0.787 | 120,0 4.724 | 93,0 3.661 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 185,4 7.299 | 69,0 2.717 | 79,0 3.110 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,7 3.750 |
| E3414560325100 | 02753065 | BT40 ADB | 25,0 0.984 | 100,0 3.937 | 73,0 2.874 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 165,4 6.512 | 43,0 1.693 | 53,0 2.087 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 1,8 3.970 |
| E3416560306100 | 02753092 | BT50 ADB | 6,0 0.236 | 100,0 3.937 | 62,0 2.441 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 201,8 7.945 | 64,0 2.520 | 74,0 2.913 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 3,8 8.380 |

| Designation | Item number | CTMS | DCBN- | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|----------------|----------------|---------------|--------|-------|-----------|-----------|---------------|
| | | | DCBX | | | | | | | | | | | | | | | |
| | | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | kg | |
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | lbs | |
| E3416560306160 | 02753093 | BT50 ADB | 6,0 0.236 | 160,0 6.299 | 122,0 4.803 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 261,8 10.307 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 4,0 8.820 |
| E3416560308100 | 02753094 | BT50 ADB | 8,0 0.315 | 100,0 3.937 | 62,0 2.441 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 201,8 7.945 | 64,0 2.520 | 74,0 2.913 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 3,8 8.380 |
| E3416560308160 | 02753095 | BT50 ADB | 8,0 0.315 | 160,0 6.299 | 122,0 4.803 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 261,8 10.307 | 124,0 4.882 | 134,0 5.276 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 4,0 8.820 |
| E3416560310100 | 02753096 | BT50 ADB | 10,0 0.394 | 100,0 3.937 | 62,0 2.441 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 201,8 7.945 | 59,0 2.323 | 69,0 2.717 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 3,9 8.600 |
| E3416560310160 | 02753097 | BT50 ADB | 10,0 0.394 | 160,0 6.299 | 122,0 4.803 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 261,8 10.307 | 119,0 4.685 | 129,0 5.079 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 4,2 9.260 |
| E3416560312100 | 02753098 | BT50 ADB | 12,0 0.472 | 100,0 3.937 | 62,0 2.441 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 201,8 7.945 | 54,0 2.126 | 64,0 2.520 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 3,8 8.380 |
| E3416560312160 | 02753099 | BT50 ADB | 12,0 0.472 | 160,0 6.299 | 122,0 4.803 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 261,8 10.307 | 114,0 4.488 | 124,0 4.882 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 4,2 9.260 |
| E3416560314100 | 02753100 | BT50 ADB | 14,0 0.551 | 100,0 3.937 | 62,0 2.441 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 201,8 7.945 | 54,0 2.126 | 64,0 2.520 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 3,9 8.600 |
| E3416560316100 | 02753101 | BT50 ADB | 16,0 0.630 | 100,0 3.937 | 62,0 2.441 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 201,8 7.945 | 51,0 2.008 | 61,0 2.402 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 3,9 8.600 |
| E3416560316160 | 02753102 | BT50 ADB | 16,0 0.630 | 160,0 6.299 | 122,0 4.803 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 261,8 10.307 | 111,0 4.370 | 121,0 4.764 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 4,3 9.480 |
| E3416560318100 | 02753103 | BT50 ADB | 18,0 0.709 | 100,0 3.937 | 62,0 2.441 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 201,8 7.945 | 51,0 2.008 | 61,0 2.402 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 4,0 8.820 |
| E3416560320100 | 02753104 | BT50 ADB | 20,0 0.787 | 100,0 3.937 | 62,0 2.441 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 201,8 7.945 | 49,0 1.929 | 59,0 2.323 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3,9 8.600 |
| E3416560320160 | 02753105 | BT50 ADB | 20,0 0.787 | 160,0 6.299 | 122,0 4.803 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 261,8 10.307 | 109,0 4.291 | 119,0 4.685 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 4,6 10.140 |
| E3416560325110 | 02753106 | BT50 ADB | 25,0 0.984 | 110,0 4.331 | 72,0 2.835 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 211,8 8.339 | 53,0 2.087 | 63,0 2.480 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 4,4 9.700 |
| E3416560325160 | 02753107 | BT50 ADB | 25,0 0.984 | 160,0 6.299 | 122,0 4.803 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 261,8 10.307 | 103,0 4.055 | 113,0 4.449 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 5,2 11.460 |
| E3416560332110 | 02753108 | BT50 ADB | 32,0 1.260 | 110,0 4.331 | 72,0 2.835 | 62,5 2.461 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 211,8 8.339 | 49,0 1.929 | 59,0 2.323 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 4,2 9.260 |

Accessories

| | |
|-----|---|
| For | Balancing screws |
| |  |
| All | 90ZQ01 |

Spare Parts, included in delivery

| For | Sealing Screws | Stop screw |
|------|---|---|
| |  |  |
| BT40 | 6/ 0.236 | 19BDR05165 |
| BT40 | 8/ 0.315 | 19BDR06165 |
| BT40 | 10/ 0.394 | 19BDR08165 |
| BT40 | 12/ 0.472-14/ 0.551 | 19BDR10165 |
| BT40 | 16/ 0.630-18/ 0.709 | 19BDR12165 |
| BT40 | 20/ 0.787-25/ 0.984 | 19BDR16165 |
| BT40 | 32/ 1.260 | 19BDR16165 |
| BT50 | 6/ 0.236 | 19BDR05165 |
| BT50 | 8/ 0.315 | 19BDR06165 |
| BT50 | 10/ 0.394 | 19BDR08165 |
| BT50 | 12/ 0.472-14/ 0.551 | 19BDR10165 |
| BT50 | 16/ 0.630-18/ 0.709 | 19BDR12165 |
| BT50 | 20/ 0.787-25/ 0.984 | 19BDR16165 |

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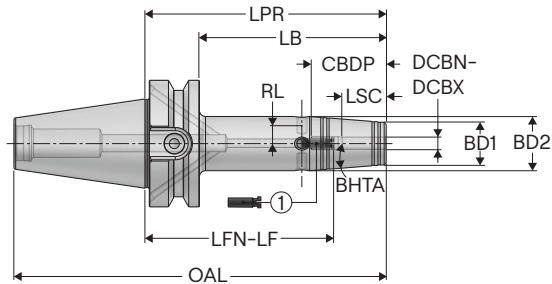
DIN type
- Inch

Guide

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DIN



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

BT JIS


CAT

Combimaster

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E3414560302590 | 02753317 | BT40 ADB | 0.250 | 3.543 | 2.480 | 1.476 | 0.866 | 0.827 | 1.063 | 6.118 | 2.126 | 2.520 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2.650 |
| E34145603025120 | 02753316 | BT40 ADB | 0.250 | 4.724 | 3.661 | 1.476 | 0.866 | 0.827 | 1.063 | 7.299 | 3.307 | 3.701 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2.870 |
| E3414560303790 | 02753319 | BT40 ADB | 0.375 | 3.543 | 2.480 | 1.673 | 1.220 | 0.945 | 1.260 | 6.118 | 1.929 | 2.323 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2.870 |
| E3414560305090 | 02753321 | BT40 ADB | 0.500 | 3.543 | 2.480 | 1.791 | 1.339 | 0.945 | 1.260 | 6.118 | 1.811 | 2.205 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2.870 |
| E34145603050120 | 02753320 | BT40 ADB | 0.500 | 4.724 | 3.661 | 1.791 | 1.339 | 0.945 | 1.260 | 7.299 | 2.992 | 3.386 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 3.090 |
| E3414560306290 | 02753323 | BT40 ADB | 0.625 | 3.543 | 2.480 | 1.988 | 1.535 | 1.063 | 1.339 | 6.118 | 1.614 | 2.008 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2.870 |
| E34145603062120 | 02753322 | BT40 ADB | 0.625 | 4.724 | 3.661 | 1.988 | 1.535 | 1.063 | 1.339 | 7.299 | 2.795 | 3.189 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 3.310 |
| E3414560307590 | 02753325 | BT40 ADB | 0.750 | 3.543 | 2.480 | 2.067 | 1.614 | 1.299 | 1.654 | 6.118 | 1.535 | 1.929 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3.090 |
| E34145603100100 | 02753326 | BT40 ADB | 1.000 | 3.937 | 2.874 | 2.303 | 1.850 | 1.732 | 2.087 | 6.512 | 1.693 | 2.087 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3.970 |

Accessories

Graflex

| | |
|-----|---|
| For | Balancing screws |
| |  |
| All | 90ZQ01 |

Seco Capto™

Spare Parts, included in delivery

Others

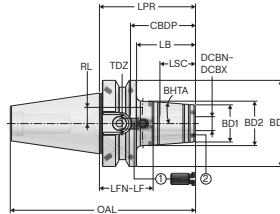
Operating & setting accessories

Shrinkfit

| For | Sealing Screws | Stop screw |
|-------------|---|---|
| |  |  |
| 0.250 | 950A0406 | 19BDR05165 |
| 0.375 | 950A0406 | 19BDR06165 |
| 0.500 | 950A0406 | 19BDR08165 |
| 0.625 | 950A0406 | 19BDR10165 |
| 0.750/1.000 | 950A0406 | 19BDR12165 |

Reinforced type
- Metric/ Inch

BT JIS B 6339-ADB



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR* | LB | LB1 | CDBP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|-----------------|----------------|----------------|---------------|--------|-------|-----------|-----------|---------------|
| | | | | | | | | | | | | | | | | | | | | |
| E3414560006130 | 02845565 | BT40 ADB | 6,0 0.236 | 130,0 5.118 | 103,0 4.055 | 52,0 2.047 | 37,5 1.476 | 22,0 0.866 | 24,0 0.945 | 32,2 1.267 | 61,5 2.421 | 195,4 7.693 | 94,0 3.701 | 104,0 4.094 | 12,0 0.472 | M5x0.8 | 4,5 | 1 | G2.5 | 2,0 4.410 |
| E3414560008130 | 02845566 | BT40 ADB | 8,0 0.315 | 130,0 5.118 | 103,0 4.055 | 52,0 2.047 | 37,5 1.476 | 26,0 1.024 | 24,0 0.945 | 32,2 1.267 | 61,5 2.421 | 195,4 7.693 | 94,0 3.701 | 104,0 4.094 | 12,0 0.472 | M6x1 | 4,5 | 1 | G2.5 | 2,0 4.410 |
| E341456001070 | 02845559 | BT40 ADB | 10,0 0.394 | 70,0 2.756 | 43,0 1.693 | - | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | - | 135,4 5.331 | 29,0 1.142 | 39,0 1.535 | 13,5 0.531 | M8x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E3414560010130 | 02845567 | BT40 ADB | 10,0 0.394 | 130,0 5.118 | 103,0 4.055 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | 61,5 2.421 | 195,4 7.693 | 89,0 3.504 | 99,0 3.898 | 13,5 0.531 | M8x1 | 4,5 | 1 | G2.5 | 2,1 4.630 |
| E341456001270 | 02845560 | BT40 ADB | 12,0 0.472 | 70,0 2.756 | 43,0 1.693 | - | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | - | 135,4 5.331 | 24,0 0.945 | 34,0 1.339 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E3414560012130 | 02845568 | BT40 ADB | 12,0 0.472 | 130,0 5.118 | 103,0 4.055 | 103,0 4.055 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 61,5 2.421 | 195,4 7.693 | 84,0 3.307 | 94,0 3.701 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 2,1 4.630 |
| E341456001675 | 02845561 | BT40 ADB | 16,0 0.630 | 75,0 2.953 | 48,0 1.890 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 140,4 5.528 | 26,0 1.024 | 36,0 1.417 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E3414560016130 | 02845569 | BT40 ADB | 16,0 0.630 | 130,0 5.118 | 103,0 4.055 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 61,5 2.421 | 195,4 7.693 | 81,0 3.189 | 91,0 3.583 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 2,2 4.850 |
| E341456002075 | 02845562 | BT40 ADB | 20,0 0.787 | 75,0 2.953 | 48,0 1.890 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | - | 140,4 5.528 | 24,0 0.945 | 34,0 1.339 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E3416560006160 | 02845588 | BT50 ADB | 6,0 0.236 | 160,0 6.299 | 122,0 4.803 | 52,0 2.047 | 37,5 1.476 | 22,0 0.866 | 24,0 0.945 | 32,2 1.267 | 97,5 3.839 | 261,8 10.307 | 124,0 4.882 | 134,0 5.276 | 12,0 0.472 | M5x0.8 | 4,5 | 1 | G2.5 | 6,2 13.670 |
| E3416560008160 | 02845589 | BT50 ADB | 8,0 0.315 | 160,0 6.299 | 122,0 4.803 | 52,0 2.047 | 37,5 1.476 | 26,0 1.024 | 24,0 0.945 | 32,2 1.267 | 97,5 3.839 | 261,8 10.307 | 124,0 4.882 | 134,0 5.276 | 12,0 0.472 | M6x1 | 4,5 | 1 | G2.5 | 6,2 13.670 |
| E3416560010100 | 02845582 | BT50 ADB | 10,0 0.394 | 100,0 3.937 | 62,0 2.441 | - | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | - | 201,8 7.945 | 59,0 2.323 | 69,0 2.717 | 13,5 0.531 | M8x1 | 4,5 | 1 | G2.5 | 4,0 8.820 |
| E3416560010160 | 02845590 | BT50 ADB | 10,0 0.394 | 160,0 6.299 | 122,0 4.803 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 27,0 1.063 | 35,2 1.385 | 97,5 3.839 | 261,8 10.307 | 119,0 4.685 | 129,0 5.079 | 13,5 0.531 | M8x1 | 4,5 | 1 | G2.5 | 6,2 13.670 |
| E3416560012100 | 02845583 | BT50 ADB | 12,0 0.472 | 100,0 3.937 | 62,0 2.441 | - | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | - | 201,8 7.945 | 54,0 2.126 | 64,0 2.520 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 4,0 8.820 |
| E3416560012160 | 02845591 | BT50 ADB | 12,0 0.472 | 160,0 6.299 | 122,0 4.803 | 52,0 2.047 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 97,5 3.839 | 261,8 10.307 | 114,0 4.488 | 124,0 4.882 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 6,2 13.670 |
| E3416560016100 | 02845584 | BT50 ADB | 16,0 0.630 | 100,0 3.937 | 62,0 2.441 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 201,8 7.945 | 51,0 2.008 | 61,0 2.402 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 4,1 9.040 |
| E3416560016160 | 02845592 | BT50 ADB | 16,0 0.630 | 160,0 6.299 | 122,0 4.803 | 58,0 2.283 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 97,5 3.839 | 261,8 10.307 | 111,0 4.370 | 121,0 4.764 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 6,3 13.890 |
| E3416560020100 | 02845585 | BT50 ADB | 20,0 0.787 | 100,0 3.937 | 62,0 2.441 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | - | 201,8 7.945 | 49,0 1.929 | 59,0 2.323 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 4,3 9.480 |
| E3416560020160 | 02845593 | BT50 ADB | 20,0 0.787 | 160,0 6.299 | 122,0 4.803 | 58,0 2.283 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 97,5 3.839 | 261,8 10.307 | 109,0 4.291 | 119,0 4.685 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 6,8 14.990 |
| E3416560025100 | 02845586 | BT50 ADB | 25,0 0.984 | 100,0 3.937 | 62,0 2.441 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | - | 201,8 7.945 | 43,0 1.693 | 53,0 2.087 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 4,46 9.830 |
| E3416560025160 | 02845594 | BT50 ADB | 25,0 0.984 | 160,0 6.299 | 122,0 4.803 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | 97,5 3.839 | 261,8 10.307 | 103,0 4.055 | 113,0 4.449 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 7,0 15.430 |
| E3416560032105 | 02845587 | BT50 ADB | 32,0 1.260 | 105,0 4.134 | 67,0 2.638 | - | 62,5 2.461 | 51,0 2.008 | 48,0 1.890 | 57,1 2.249 | - | 206,8 8.142 | 44,0 1.732 | 54,0 2.126 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 4,4 9.700 |

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HSK-A

All [90ZQ01](#)

Spare Parts, included in delivery

HSK-E

For [Sealing plugs](#) [Sealing Screws](#) [Stop screw](#)



DIN

| For | | Sealing plugs | Sealing Screws | Stop screw |
|------|---------------------|-------------------------------|--------------------------------|----------------------------|
| BT40 | 6/ 0.236 | 90AI03 | 950A0406 | 19BDR05165 |
| BT40 | 8/ 0.315 | 90AI03 | 950A0406 | 19BDR06165 |
| BT40 | 10/ 0.394 | 90AI03 | 950A0406 | 19BDR08165 |
| BT40 | 12/ 0.472 | 90AI03 | 950A0406 | 19BDR10165 |
| BT40 | 16/ 0.630 | 90AI03 | 950A0406 | 19BDR12165 |
| BT40 | 20/ 0.787-25/ 0.984 | 90AI04 | 950A0406 | 19BDR16165 |
| BT50 | 6/ 0.236 | 90AI03 | 950A0606 | 19BDR05165 |
| BT50 | 8/ 0.315 | 90AI03 | 950A0606 | 19BDR06165 |
| BT50 | 10/ 0.394 | 90AI03 | 950A0606 | 19BDR08165 |
| BT50 | 12/ 0.472 | 90AI03 | 950A0606 | 19BDR10165 |
| BT50 | 16/ 0.630 | 90AI03 | 950A0606 | 19BDR12165 |
| BT50 | 20/ 0.787-32/ 1.260 | 90AI04 | 950A0606 | 19BDR16165 |

CAT

Combimaster

Graflex

Seco Capto™

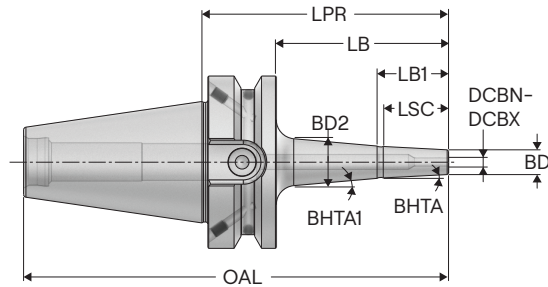
Others

Operating & setting accessories

Shrinkfit

Mold and Die type
- Metric/ Inch


BT JIS B 6339-ADB



- Run-out $\leq 3 \mu\text{m}$
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

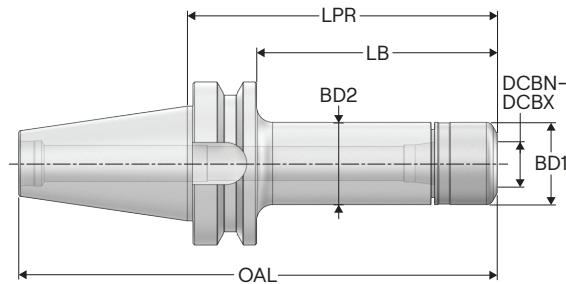
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LB1 | LSC | BD1 | BD2 | OAL | BHTA° | BHTA1° | RFID hole | Balancing | Weight |
|----------------|-------------|----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|---------------|
| | | | | | | | | | | | | | | | | |
| E341458010390 | 00034385 | BT40 ADB | 3,0 0.118 | 90,0 3.543 | 63,0 2.480 | - | 25,0 0.984 | 13,0 0.512 | 9,0 0.354 | 18,3 0.719 | 155,4 6.118 | 3,0 | 5,0 | 1 | G2.5 | 0,99 2.180 |
| E3414580103140 | 00096374 | BT40 ADB | 3,0 0.118 | 140,0 5.512 | 113,0 4.449 | - | 25,0 0.984 | 13,0 0.512 | 9,0 0.354 | 27,0 1.064 | 205,4 8.087 | 3,0 | 5,0 | 1 | G2.5 | 1,2 2.650 |
| E341458010490 | 00034386 | BT40 ADB | 4,0 0.157 | 90,0 3.543 | 63,0 2.480 | - | 25,0 0.984 | 15,0 0.591 | 10,0 0.394 | 19,3 0.759 | 155,4 6.118 | 3,0 | 5,0 | 1 | G2.5 | 1,0 2.200 |
| E3414580104140 | 00096375 | BT40 ADB | 4,0 0.157 | 140,0 5.512 | 113,0 4.449 | - | 25,0 0.984 | 15,0 0.591 | 10,0 0.394 | 28,0 1.103 | 205,4 8.087 | 3,0 | 5,0 | 1 | G2.5 | 1,2 2.650 |
| E3414580105140 | 00096376 | BT40 ADB | 5,0 0.197 | 140,0 5.512 | 113,0 4.449 | - | 25,0 0.984 | 18,0 0.709 | 11,0 0.433 | 29,0 1.142 | 205,4 8.087 | 3,0 | 5,0 | 1 | G2.5 | 1,2 2.650 |
| E341458010690 | 00034388 | BT40 ADB | 6,0 0.236 | 90,0 3.543 | 63,0 2.480 | 40,0 1.575 | 32,0 1.260 | 26,0 1.024 | 12,0 0.472 | 20,8 0.818 | 155,4 6.118 | 3,0 | 5,0 | 1 | G2.5 | 1,01 2.230 |
| E3414580106140 | 00096377 | BT40 ADB | 6,0 0.236 | 140,0 5.512 | 113,0 4.449 | 40,0 1.575 | 32,0 1.260 | 26,0 1.024 | 12,0 0.472 | 29,5 1.162 | 205,4 8.087 | 3,0 | 5,0 | 1 | G2.5 | 1,2 2.650 |
| E341458010890 | 00034389 | BT40 ADB | 8,0 0.315 | 90,0 3.543 | 63,0 2.480 | 44,0 1.732 | 36,0 1.417 | 30,0 1.181 | 16,0 0.630 | 24,5 0.964 | 155,4 6.118 | 3,0 | 5,0 | 1 | G2.5 | 1,05 2.310 |
| E3414580108140 | 00096378 | BT40 ADB | 8,0 0.315 | 140,0 5.512 | 113,0 4.449 | 44,0 1.732 | 36,0 1.417 | 30,0 1.181 | 16,0 0.630 | 33,2 1.309 | 205,4 8.087 | 3,0 | 5,0 | 1 | G2.5 | 1,3 2.870 |
| E341458011090 | 00034390 | BT40 ADB | 10,0 0.394 | 90,0 3.543 | 63,0 2.480 | 45,0 1.772 | 38,0 1.496 | 32,0 1.260 | 18,0 0.709 | 26,4 1.038 | 155,4 6.118 | 3,0 | 5,0 | 1 | G2.5 | 1,1 2.430 |
| E3414580110160 | 00096379 | BT40 ADB | 10,0 0.394 | 160,0 6.299 | 133,0 5.236 | 45,0 1.772 | 38,0 1.496 | 32,0 1.260 | 18,0 0.709 | 38,6 1.520 | 225,4 8.874 | 3,0 | 5,0 | 1 | G2.5 | 1,5 3.310 |
| E341458011290 | 00034391 | BT40 ADB | 12,0 0.472 | 90,0 3.543 | 63,0 2.480 | 46,0 1.811 | 40,0 1.575 | 34,0 1.339 | 20,0 0.787 | 28,2 1.111 | 155,4 6.118 | 3,0 | 5,0 | 1 | G2.5 | 1,1 2.430 |

Spare Parts, included in delivery

| | |
|-----|---|
| For | Sealing Screws |
| |  |
| All | 950A0406 |

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– Metric/ Inch


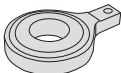



–Run-out 3 µm maximum at 3 x ØDCBN-DCBX
 –For ER HP collets type 5672, see page(s) 389, 390, 391-397
 –For stop screws, see instructions at www.secotools.com
 –For ISO attribute explanation, see page 15


| Designation | Item number | CTMS | DCBN | | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | RFID hole | Balancing | Weight |
|----------------------|-------------|---------|-------|-------|--------|-------|-------|-------|--------|-------|----|-----------|-----------|--------|
| | | | mm | inch | | | | | | | | | | |
| BT30AD-ERHP08R-075 | 10358795 | BT30 AD | 1,0 | 5,0 | HP 08R | 75,0 | 10,0 | 10,0 | 123,4 | 53,0 | 0 | G2.5 | 0,5 | |
| | | | 0.039 | 0.197 | | 2.953 | 0.394 | 0.394 | 4.858 | 2.087 | | | 1.100 | |
| BT30AD-ERHP11R-050 | 10358796 | BT30 AD | 1,0 | 7,0 | HP 11R | 50,2 | 16,0 | 16,0 | 98,6 | 28,2 | 0 | G2.5 | 0,5 | |
| | | | 0.039 | 0.276 | | 1.976 | 0.630 | 0.630 | 3.882 | 1.110 | | | 1.100 | |
| BT30AD-ERHP11R-100 | 10358797 | BT30 AD | 1,0 | 7,0 | HP 11R | 100,2 | 16,0 | 16,0 | 148,6 | 78,2 | 0 | G2.5 | 0,5 | |
| | | | 0.039 | 0.276 | | 3.945 | 0.630 | 0.630 | 5.850 | 3.079 | | | 1.100 | |
| BT30AD-ERHP11R-130-V | 10358798 | BT30 AD | 1,0 | 7,0 | HP 11R | 130,2 | 33,6 | 16,0 | 178,6 | 108,2 | 0 | G2.5 | 0,8 | |
| | | | 0.039 | 0.276 | | 5.126 | 1.323 | 0.630 | 7.031 | 4.260 | | | 1.760 | |
| BT30AD-ERHP16-050 | 10358800 | BT30 AD | 1,0 | 10,0 | HP 16 | 50,6 | 30,0 | 30,0 | 99,0 | 28,6 | 0 | G2.5 | 0,5 | |
| | | | 0.039 | 0.394 | | 1.992 | 1.181 | 1.181 | 3.898 | 1.126 | | | 1.100 | |
| BT30AD-ERHP16-100 | 10358801 | BT30 AD | 1,0 | 10,0 | HP 16 | 100,6 | 30,0 | 30,0 | 149,0 | 78,6 | 0 | G2.5 | 0,8 | |
| | | | 0.039 | 0.394 | | 3.961 | 1.181 | 1.181 | 5.866 | 3.094 | | | 1.760 | |
| BT30AD-ERHP16-120 | 10358802 | BT30 AD | 1,0 | 10,0 | HP 16 | 120,1 | 30,0 | 30,0 | 168,5 | 98,1 | 0 | G2.5 | 0,9 | |
| | | | 0.039 | 0.394 | | 4.728 | 1.181 | 1.181 | 6.634 | 3.862 | | | 1.980 | |
| BT30AD-ERHP20-060 | 10358803 | BT30 AD | 1,0 | 13,0 | HP 20 | 60,0 | 32,0 | 32,0 | 108,4 | 38,0 | 0 | G2.5 | 0,6 | |
| | | | 0.039 | 0.512 | | 2.362 | 1.260 | 1.260 | 4.268 | 1.496 | | | 1.320 | |
| BT30AD-ERHP20-120 | 10358804 | BT30 AD | 1,0 | 13,0 | HP 20 | 120,0 | 32,0 | 32,0 | 168,4 | 98,0 | 0 | G2.5 | 0,9 | |
| | | | 0.039 | 0.512 | | 4.724 | 1.260 | 1.260 | 6.630 | 3.858 | | | 1.980 | |
| BT30AD-ERHP25-060 | 10358805 | BT30 AD | 1,0 | 16,0 | HP 25 | 60,0 | 40,0 | 40,0 | 108,4 | 38,0 | 0 | G2.5 | 0,6 | |
| | | | 0.039 | 0.630 | | 2.362 | 1.575 | 1.575 | 4.268 | 1.496 | | | 1.320 | |
| BT30AD-ERHP25-120 | 10358806 | BT30 AD | 1,0 | 16,0 | HP 25 | 120,0 | 40,0 | 40,0 | 168,4 | 98,0 | 0 | G2.5 | 1,1 | |
| | | | 0.039 | 0.630 | | 4.724 | 1.575 | 1.575 | 6.630 | 3.858 | | | 2.430 | |
| BT40AD-ERHP11R-100 | 10358807 | BT40 AD | 1,0 | 7,0 | HP 11R | 100,2 | 16,0 | 16,0 | 165,6 | 73,2 | 1 | G2.5 | 1,1 | |
| | | | 0.039 | 0.276 | | 3.945 | 0.630 | 0.630 | 6.520 | 2.882 | | | 2.430 | |
| BT40AD-ERHP11R-120 | 10358808 | BT40 AD | 1,0 | 7,0 | HP 11R | 120,2 | 16,0 | 16,0 | 185,6 | 93,2 | 1 | G2.5 | 1,1 | |
| | | | 0.039 | 0.276 | | 4.732 | 0.630 | 0.630 | 7.307 | 3.669 | | | 2.430 | |
| BT40AD-ERHP16-075 | 10358809 | BT40 AD | 1,0 | 10,0 | HP 16 | 75,0 | 30,0 | 30,0 | 140,4 | 48,0 | 1 | G2.5 | 1,2 | |
| | | | 0.039 | 0.394 | | 2.953 | 1.181 | 1.181 | 5.528 | 1.890 | | | 2.650 | |
| BT40AD-ERHP16-120 | 10358810 | BT40 AD | 1,0 | 10,0 | HP 16 | 120,0 | 30,0 | 30,0 | 185,4 | 93,0 | 1 | G2.5 | 1,4 | |
| | | | 0.039 | 0.394 | | 4.724 | 1.181 | 1.181 | 7.299 | 3.661 | | | 3.090 | |
| BT40AD-ERHP16-165 | 10358811 | BT40 AD | 1,0 | 10,0 | HP 16 | 165,0 | 30,0 | 30,0 | 230,4 | 138,0 | 1 | G2.5 | 1,6 | |
| | | | 0.039 | 0.394 | | 6.496 | 1.181 | 1.181 | 9.071 | 5.433 | | | 3.530 | |
| BT40AD-ERHP20-075 | 10358812 | BT40 AD | 1,0 | 13,0 | HP 20 | 75,1 | 32,0 | 32,0 | 140,5 | 48,1 | 1 | G2.5 | 1,2 | |
| | | | 0.039 | 0.512 | | 2.957 | 1.260 | 1.260 | 5.531 | 1.894 | | | 2.650 | |
| BT40AD-ERHP20-120 | 10358813 | BT40 AD | 1,0 | 13,0 | HP 20 | 120,1 | 32,0 | 32,0 | 185,5 | 93,1 | 1 | G2.5 | 1,4 | |
| | | | 0.039 | 0.512 | | 4.728 | 1.260 | 1.260 | 7.303 | 3.665 | | | 3.090 | |
| BT40AD-ERHP25-075 | 10358814 | BT40 AD | 1,0 | 16,0 | HP 25 | 75,0 | 40,0 | 40,0 | 140,4 | 48,0 | 1 | G2.5 | 1,3 | |
| | | | 0.039 | 0.630 | | 2.953 | 1.575 | 1.575 | 5.528 | 1.890 | | | 2.870 | |
| BT40AD-ERHP25-120 | 10358815 | BT40 AD | 1,0 | 16,0 | HP 25 | 120,2 | 40,0 | 40,0 | 185,6 | 93,2 | 1 | G2.5 | 1,7 | |
| | | | 0.039 | 0.630 | | 4.732 | 1.575 | 1.575 | 7.307 | 3.669 | | | 3.750 | |
| BT40AD-ERHP25-165 | 10358816 | BT40 AD | 1,0 | 16,0 | HP 25 | 165,2 | 40,0 | 40,0 | 230,6 | 138,2 | 1 | G2.5 | 2,0 | |
| | | | 0.039 | 0.630 | | 6.504 | 1.575 | 1.575 | 9.079 | 5.441 | | | 4.410 | |
| BT40AD-ERHP25-200 | 10358817 | BT40 AD | 1,0 | 16,0 | HP 25 | 200,0 | 40,0 | 40,0 | 265,4 | 173,0 | 1 | G2.5 | 2,3 | |
| | | | 0.039 | 0.630 | | 7.874 | 1.575 | 1.575 | 10.449 | 6.811 | | | 5.070 | |

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | RFID hole | Balancing | Weight |
|-------------------|-------------|---------|--------------|---------------|-------|----------------|---------------|---------------|-----------------|----------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| BT40AD-ERHP32-075 | 10358818 | BT40 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 74,8 2.945 | 50,0 1.969 | 50,0 1.969 | 140,2 5.520 | 47,8 1.882 | 1 | G2.5 | 1,4 3.090 |
| BT40AD-ERHP32-120 | 10358819 | BT40 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 120,0 4.724 | 50,0 1.969 | 50,0 1.969 | 185,4 7.299 | 93,0 3.661 | 1 | G2.5 | 2,0 4.410 |
| BT40AD-ERHP32-165 | 10358820 | BT40 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 165,0 6.496 | 50,0 1.969 | 50,0 1.969 | 230,4 9.071 | 138,0 5.433 | 1 | G2.5 | 2,6 5.730 |
| BT50AD-ERHP25-105 | 10358821 | BT50 AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 105,0 4.134 | 40,0 1.575 | 40,0 1.575 | 206,8 8.142 | 67,0 2.638 | 1 | G2.5 | 4,0 8.820 |
| BT50AD-ERHP32-105 | 10358822 | BT50 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 105,0 4.134 | 50,0 1.969 | 50,0 1.969 | 206,8 8.142 | 67,0 2.638 | 1 | G2.5 | 4,2 9.260 |
| BT50AD-ERHP32-165 | 10358823 | BT50 AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 165,0 6.496 | 50,0 1.969 | 50,0 1.969 | 266,8 10.504 | 127,0 5.000 | 1 | G2.5 | 5,0 11.020 |

Accessories

| For | Key | Socket | Torque key |
|---------|---|---|---|
| |  |  |  |
| ERHP08R | - | 03ERB010 | 03DYE003025 |
| ERHP11R | 03LME0912140 | 03ER016 | 03DYE003025 |
| ERHP16 | 03LME1418260 | 03ER030B | 03DYE010100B |
| ERHP20 | 03LME1418260 | 03ER032B | 03DYE010100B |
| ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

Spare Parts, included in delivery

| For | Nut |
|---------|---|
| |  |
| ERHP08R | 08B567208RC |
| ERHP11R | 08B567211RC |
| ERHP16 | 08B567216C |
| ERHP20 | 08B567220C |
| ERHP25 | 08B567225C |
| ERHP32 | 08B567232C |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

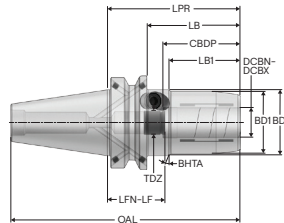
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Conventional type
- Metric/ Inch



-Run-out $\leq 3 \mu\text{m}$
-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight | |
|------------------|-------------|----------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|-------|-------|-----------|-----------|---------------|-----|
| | | | | | | | | | | | | | | | | | kg | lbs |
| BT40ADB-HC06-090 | 10137297 | BT40 ADB | 6,0 0.236 | 90,0 3.543 | 63,0 2.480 | 43,0 1.693 | 38,5 1.516 | 44,5 1.752 | 26,05 1.026 | 155,4 6.118 | 53,0 2.087 | 63,0 2.480 | M5 | 20,0 | 1 | G2.5 | 1,4 3.090 | |
| BT40ADB-HC08-090 | 10137298 | BT40 ADB | 8,0 0.315 | 90,0 3.543 | 63,0 2.480 | 44,5 1.752 | 38,5 1.516 | 44,5 1.752 | 28,0 1.102 | 155,4 6.118 | 53,0 2.087 | 63,0 2.480 | M6x1 | 20,0 | 1 | G2.5 | 1,4 3.090 | |
| BT40ADB-HC10-090 | 10137299 | BT40 ADB | 10,0 0.394 | 90,0 3.543 | 63,0 2.480 | 44,5 1.752 | 42,5 1.673 | 44,5 1.752 | 30,0 1.181 | 155,4 6.118 | 49,0 1.929 | 59,0 2.323 | M8x1 | 20,0 | 1 | G2.5 | 1,4 3.090 | |
| BT40ADB-HC12-090 | 10137300 | BT40 ADB | 12,0 0.472 | 90,0 3.543 | 63,0 2.480 | 44,5 1.752 | 47,5 1.870 | 44,5 1.752 | 32,0 1.260 | 155,4 6.118 | 44,0 1.732 | 54,0 2.126 | M10x1 | 20,0 | 1 | G2.5 | 1,4 3.090 | |
| BT40ADB-HC16-090 | 10137301 | BT40 ADB | 16,0 0.630 | 90,0 3.543 | 63,0 2.480 | 47,5 1.870 | 50,5 1.988 | 44,5 1.752 | 38,0 1.496 | 155,4 6.118 | 41,0 1.614 | 51,0 2.008 | M12x1 | 20,0 | 1 | G2.5 | 1,5 3.310 | |
| BT40ADB-HC20-090 | 10137302 | BT40 ADB | 20,0 0.787 | 90,0 3.543 | 63,0 2.480 | 47,5 1.870 | 52,5 2.067 | 44,5 1.752 | 42,0 1.654 | 155,4 6.118 | 39,0 1.535 | 49,0 1.929 | M16x1 | 20,0 | 1 | G2.5 | 1,5 3.310 | |
| BT50ADB-HC20-090 | 10137303 | BT50 ADB | 20,0 0.787 | 90,0 3.543 | 52,0 2.047 | 34,0 1.339 | 52,5 2.067 | 49,3 1.939 | 42,0 1.654 | 191,8 7.551 | 39,0 1.535 | 49,0 1.929 | M16x1 | 20,0 | 1 | G2.5 | 3,9 8.600 | |
| BT50ADB-HC32-120 | 10137304 | BT50 ADB | 32,0 1.260 | 120,0 4.724 | 82,0 3.228 | 62,5 2.461 | 62,5 2.461 | 70,3 2.766 | 64,0 2.520 | 221,8 8.732 | 59,0 2.323 | 69,0 2.717 | M16x1 | 20,0 | 1 | G2.5 | 5,2 11.460 | |

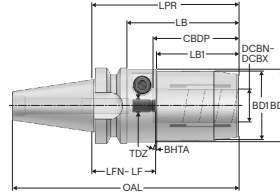
Accessories

| For | Key |
|-----------------|---------|
| BT40 | H05-4 |
| BT50, DCBN = 20 | H05-4 |
| BT50, DCBN = 32 | 03MS06L |



Reinforced type
- Metric/ Inch

BT JIS B 6339-AD/ADB

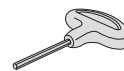


- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight | | | | | | | | | |
|-------------------|-------------|----------|-----------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-----------|-----------|--------|-------|------|-------|------|------|---|------|-----|--------|
| | | | mm | inch | | | | | | | | | | | | | | | mm | inch | kg | lbs | | | | | |
| BT30AD-HCR12-069 | 10137136 | BT30 AD | 12,0 | 0.472 | 69,0 | 2.717 | 47,0 | 1.850 | 32,0 | 1.260 | 47,5 | 1.870 | 44,5 | 1.752 | 42,0 | 1.654 | 117,4 | 23,0 | 0.906 | 33,0 | 1.299 | M8x1 | 20,0 | 0 | G2.5 | 0,9 | 1.980 |
| BT30AD-HCR20-090 | 10137137 | BT30 AD | 20,0 | 0.787 | 90,0 | 3.543 | 68,0 | 2.677 | 50,0 | 1.969 | 52,5 | 2.067 | 44,5 | 1.752 | 42,0 | 1.654 | 138,4 | 39,0 | 0.906 | 49,0 | 1.929 | M8x1 | 20,0 | 0 | G2.5 | 1,0 | 2.200 |
| BT40ADB-HCR12-058 | 10137140 | BT40 ADB | 12,0 | 0.472 | 58,0 | 2.283 | 31,0 | 1.220 | - | - | 47,5 | 1.870 | - | - | 42,0 | 1.654 | 123,4 | 12,0 | 0.472 | 22,0 | 0.866 | M8x1 | - | 0 | G2.5 | 1,2 | 2.650 |
| BT40ADB-HCR20-072 | 10137141 | BT40 ADB | 20,0 | 0.787 | 72,5 | 2.854 | 45,5 | 1.791 | - | - | 52,5 | 2.067 | - | - | 49,25 | 1.939 | 137,9 | 21,5 | 0.846 | 31,5 | 1.240 | M8x1 | - | 0 | G2.5 | 1,5 | 3.310 |
| BT50ADB-HCR20-083 | 10137144 | BT50 ADB | 20,0 | 0.787 | 83,5 | 3.287 | 45,5 | 1.791 | - | - | 52,5 | 2.067 | - | - | 49,25 | 1.939 | 185,3 | 32,5 | 1.280 | 42,5 | 1.673 | M8x1 | - | 0 | G2.5 | 4,1 | 9.040 |
| BT50ADB-HCR32-090 | 10137145 | BT50 ADB | 32,0 | 1.260 | 90,0 | 3.543 | 52,0 | 2.047 | - | - | 62,5 | 2.461 | - | - | 72,0 | 2.835 | 191,8 | 29,0 | 1.142 | 39,0 | 1.535 | M8x1 | - | 0 | G2.5 | 4,7 | 10.360 |

Accessories

| For | Key |
|-----------------|---------|
| BT30 | H05-4 |
| BT40 | H05-4 |
| BT50, DCBN = 20 | H05-4 |
| BT50, DCBN = 32 | 03MS06L |



Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

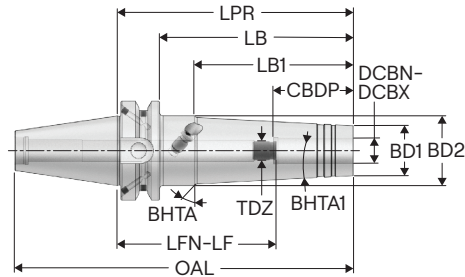
Seco Capto™

Others

Operating & setting accessories

Shrinkfit


Slim type
- Metric/ Inch



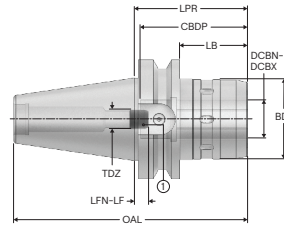
-Run-out $\leq 3 \mu\text{m}$
-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | BHTA1° | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|----------------|--------|-------|--------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | | kg |
| BT40ADB-HCS06-150 | 10137340 | BT40 ADB | 6,0 0.236 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 37,0 1.457 | 44,5 1.752 | 20,0 0.787 | 215,4 8.480 | 113,0 4.449 | 123,0 4.843 | M5x0.8 | 30,0 | 3,0 | 1 | G2.5 | 1,6 3.530 |
| BT40ADB-HCS08-150 | 10137341 | BT40 ADB | 8,0 0.315 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 37,0 1.457 | 44,5 1.752 | 22,0 0.866 | 215,4 8.480 | 113,0 4.449 | 123,0 4.843 | M6x1 | 30,0 | 3,0 | 1 | G2.5 | 1,7 3.750 |
| BT40ADB-HCS10-150 | 10137342 | BT40 ADB | 10,0 0.394 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 42,0 1.654 | 44,5 1.752 | 24,0 0.945 | 215,4 8.480 | 110,0 4.331 | 120,0 4.724 | M8x1 | 30,0 | 3,0 | 1 | G2.5 | 1,7 3.750 |
| BT40ADB-HCS12-150 | 10137343 | BT40 ADB | 12,0 0.472 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 47,0 1.850 | 44,5 1.752 | 25,0 0.984 | 215,4 8.480 | 105,0 4.134 | 115,0 4.528 | M10x1 | 30,0 | 3,0 | 1 | G2.5 | 1,7 3.750 |
| BT40ADB-HCS16-150 | 10137344 | BT40 ADB | 16,0 0.630 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 52,0 2.047 | 44,5 1.752 | 32,0 1.260 | 215,4 8.480 | 100,0 3.937 | 110,0 4.331 | M12x1 | 30,0 | 3,0 | 1 | G2.5 | 2,0 4.410 |
| BT40ADB-HCS20-150 | 10137345 | BT40 ADB | 20,0 0.787 | 150,0 5.906 | 123,0 4.843 | - | 52,0 2.047 | 46,9 1.846 | 34,0 1.339 | 215,4 8.480 | 100,0 3.937 | 110,0 4.331 | M16x1 | - | 3,0 | 1 | G2.5 | 2,0 4.410 |

Accessories

| For | Key |
|-----|--|
| All |  03MS04C |

- Metric/ Inch



-For reduction sleeves, see page(s) 385-386
 -For 'Stop screws for through coolant', see page(s) 387-388
 -For ISO attribute explanation, see page 15

Spare parts:
 1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBX | OAL | LPR | LB | CBDP | BD1 | LFN | LF | KWW | TDZ | RFID hole | Balancing | Weight |
|------------------|-------------|---------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|-----|-----|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| BT40AD-PMC20-065 | 10185657 | BT40 AD | 20,0 0.787 | 130,4 5.134 | 65,0 2.559 | 38,5 1.516 | 62,0 2.441 | 49,0 1.929 | 0,0 0 | 7,0 0.276 | 8,0 | M16 | 1 | PB | 1,4 3.090 |
| BT40AD-PMC32-090 | 10185651 | BT40 AD | 32,0 1.260 | 155,4 6.118 | 90,0 3.543 | 75,9 2.988 | 80,0 3.150 | 67,0 2.638 | 10,0 0.394 | 15,0 0.591 | 8,0 | M16 | 1 | PB | 2,1 4.630 |
| BT50AD-PMC20-085 | 10185659 | BT50 AD | 20,0 0.787 | 186,8 7.354 | 85,0 3.346 | 47,0 1.850 | 63,0 2.480 | 49,0 1.929 | 22,0 0.866 | 27,0 1.063 | 8,0 | M16 | 1 | PB | 4,0 8.820 |
| BT50AD-PMC32-095 | 10185652 | BT50 AD | 32,0 1.260 | 196,8 7.748 | 95,0 3.740 | 57,0 2.244 | 90,0 3.543 | 67,0 2.638 | 5,0 0.197 | 10,0 0.394 | 8,0 | M16 | 1 | PB | 4,5 9.920 |

Accessories

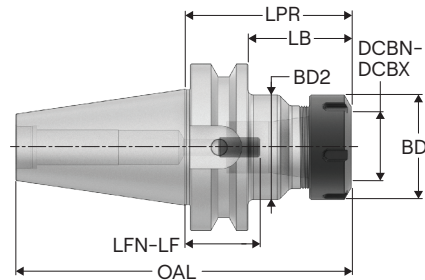
| For | Spanner |
|--------|----------|
| -PMC20 | 03BPMC20 |
| -PMC32 | 03BPMC32 |

Spare Parts, included in delivery

| For | Extractor for reduction sleeves | Stop screw |
|--------|---------------------------------|------------|
| -PMC20 | 03EXTPMC | 19BEPMC01 |
| -PMC32 | 03EXTPMC | 19BEPMC01 |

Guide
 HSK-A
 HSK-E
 DIN
 BT JIS
 CAT
 Combimaster
 Graflex
 Seco Capto™
 Others
 Operating & setting accessories
 Shrinkfit

ISO 15488
- Metric/ Inch



-Run-out 15 µm/ .0006" maximum at 3 x ØDCBN-DCBX
-For ER extensions and ER collets, see page(s) 362, 363, 399, 400, 401, 402
-For ER sealing rings, see page(s) 410, 411
-For ISO attribute explanation, see page 15



| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | LFN | LF | RFID hole | Balancing | Weight | |
|-----------------|-------------|---------|--------------|---------------|-------|----------------|---------------|---------------|----------------|----------------|-------------------|----------------|-----------|-----------|--------------|--------------|
| | | | | | | | | | | | | | | | kg | lbs |
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| BT30AD-ER11-075 | 10229622 | BT30 AD | 0,5 0.020 | 7,0 0.276 | ER 11 | 75,0 2.953 | 19,0 0.748 | 19,0 0.748 | 123,4 4.858 | 53,0 2.087 | 30,0 1.181 | 50,0 1.969 | 0 | G6.3 | 0,5 1.100 | 0,5 1.100 |
| BT30AD-ER16-060 | 10229623 | BT30 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 60,0 2.362 | 28,0 1.102 | 28,0 1.102 | 108,4 4.268 | 38,0 1.496 | 15,0,0 0.0.591 | 30,0 1.181 | 0 | G6.3 | 0,5 1.100 | 0,5 1.100 |
| BT30AD-ER20-060 | 10229624 | BT30 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 60,0 2.362 | 34,0 1.339 | 34,0 1.339 | 108,4 4.268 | 38,0 1.496 | 10,0 0.0.394 | 30,0 1.181 | 0 | G6.3 | 0,6 1.320 | 0,6 1.320 |
| BT30AD-ER25-065 | 10229625 | BT30 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 65,0 2.559 | 42,0 1.654 | 42,0 1.654 | 113,4 4.465 | 43,0 1.693 | 15,0,0 0.0.591 | 35,0 1.378 | 0 | G6.3 | 0,7 1.540 | 0,7 1.540 |
| BT40AD-ER16-070 | 10229669 | BT40 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 70,0 2.756 | 28,0 1.102 | 28,0 1.102 | 135,4 5.331 | 43,0 1.693 | 25,0,0 0.0.984 | 40,0 1.575 | 1 | G6.3 | 1,1 2.430 | 1,1 2.430 |
| BT40AD-ER16-120 | 10229670 | BT40 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 120,0 4.724 | 28,0 1.102 | 28,0 1.102 | 185,4 7.299 | 93,0 3.661 | 75,0,0 2.953 | 90,0 3.543 | 1 | G6.3 | 1,3 2.870 | 1,3 2.870 |
| BT40AD-ER20-070 | 10229671 | BT40 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 70,0 2.756 | 34,0 1.339 | 34,0 1.339 | 135,4 5.331 | 43,0 1.693 | 20,0 0.0.787 | 40,0 1.575 | 1 | G6.3 | 1,2 2.650 | 1,2 2.650 |
| BT40AD-ER20-120 | 10229672 | BT40 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 120,0 4.724 | 34,0 1.339 | 34,0 1.339 | 185,4 7.299 | 93,0 3.661 | 70,0 2.756 | 90,0 3.543 | 1 | G6.3 | 1,5 3.310 | 1,5 3.310 |
| BT40AD-ER25-070 | 10229673 | BT40 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 70,0 2.756 | 42,0 1.654 | 42,0 1.654 | 135,4 5.331 | 43,0 1.693 | 5,0,0 0.0.197 | 25,0 0.984 | 1 | G6.3 | 1,2 2.650 | 1,2 2.650 |
| BT40AD-ER25-120 | 10229674 | BT40 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 120,0 4.724 | 42,0 1.654 | 42,0 1.654 | 185,4 7.299 | 93,0 3.661 | 55,0,0 2.165 | 75,0 2.953 | 1 | G6.3 | 1,7 3.750 | 1,7 3.750 |
| BT40AD-ER25-160 | 10229675 | BT40 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 160,0 6.299 | 42,0 1.654 | 42,0 1.654 | 225,4 8.874 | 133,0 5.236 | 95,0,0 3.740,0 | 115,0 4.528 | 1 | G6.3 | 2,1 4.630 | 2,1 4.630 |
| BT40AD-ER32-070 | 10229676 | BT40 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 70,0 2.756 | 50,0 1.969 | 50,0 1.969 | 135,4 5.331 | 43,0 1.693 | 5,0,0 0.0.197 | 25,0 0.984 | 1 | G6.3 | 1,3 2.870 | 1,3 2.870 |
| BT40AD-ER32-120 | 10229677 | BT40 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 120,0 4.724 | 50,0 1.969 | 50,0 1.969 | 185,4 7.299 | 93,0 3.661 | 55,0,0 2.165 | 75,0 2.953 | 1 | G6.3 | 2,0 4.410 | 2,0 4.410 |
| BT40AD-ER32-160 | 10229678 | BT40 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | 50,0 1.969 | 50,0 1.969 | 225,4 8.874 | 133,0 5.236 | 95,0,0 3.740,0 | 115,0 4.528 | 1 | G6.3 | 2,6 5.730 | 2,6 5.730 |
| BT40AD-ER40-075 | 10229679 | BT40 AD | 3,0 0.118 | 26,0 1.024 | ER 40 | 75,0 2.953 | 50,0 1.969 | 63,0 2.480 | 140,4 5.528 | 48,0 1.890 | 20,0 0.0.787 | 20,0 0.787 | 1 | G6.3 | 1,4 3.090 | 1,4 3.090 |
| BT40AD-ER40-100 | 10229680 | BT40 AD | 3,0 0.118 | 26,0 1.024 | ER 40 | 100,0 3.937 | 50,0 1.969 | 63,0 2.480 | 164,4 6.472 | 73,0 2.874 | 25,0,0 0.0.984 | 45,0 1.772 | 1 | G6.3 | 1,8 3.970 | 1,8 3.970 |
| BT50AD-ER16-100 | 10229681 | BT50 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 100,0 3.937 | 28,0 1.102 | 28,0 1.102 | 201,8 7.945 | 62,0 2.441 | 55,0,0 2.165 | 70,0 2.756 | 1 | G6.3 | 4,0 8.820 | 4,0 8.820 |
| BT50AD-ER16-120 | 10229682 | BT50 AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 120,0 4.724 | 28,0 1.102 | 28,0 1.102 | 221,8 8.732 | 82,0 3.228 | 75,0,0 2.953 | 90,0 3.543 | 1 | G6.3 | 3,9 8.600 | 3,9 8.600 |
| BT50AD-ER20-100 | 10229683 | BT50 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 100,0 3.937 | 34,0 1.339 | 34,0 1.339 | 201,8 7.945 | 62,0 2.441 | 50,0 1.969 | 70,0 2.756 | 1 | G6.3 | 4,1 9.040 | 4,1 9.040 |
| BT50AD-ER20-120 | 10229757 | BT50 AD | 1,0 0.039 | 13,0 0.512 | ER 20 | 120,0 4.724 | 34,0 1.339 | 34,0 1.339 | 221,8 8.732 | 82,0 3.228 | 70,0 2.756 | 90,0 3.543 | 1 | G6.3 | 4,2 9.260 | 4,2 9.260 |
| BT50AD-ER25-100 | 10229684 | BT50 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 100,0 3.937 | 42,0 1.654 | 42,0 1.654 | 201,8 7.945 | 62,0 2.441 | 35,0,0 1.378 | 55,0 2.165 | 1 | G6.3 | 4,0 8.820 | 4,0 8.820 |
| BT50AD-ER25-120 | 10229685 | BT50 AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 120,0 4.724 | 42,0 1.654 | 42,0 1.654 | 221,8 8.732 | 82,0 3.228 | 55,0,0 2.165 | 75,0 2.953 | 1 | G6.3 | 4,2 9.260 | 4,2 9.260 |

| Designation | Item number | CTMS | DCBN mm inch | DCBX mm inch | CTWS | LPR mm inch | BD2 mm inch | BD1 mm inch | OAL mm inch | LB mm inch | LFN mm inch | LF mm inch | RFID hole | Balancing | Weight kg lbs |
|-----------------|-------------|---------|--------------------|--------------------|-------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|------------------|-----------|-----------|---------------------|
| BT50AD-ER32-100 | 10229686 | BT50 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 100,0 3.937 | 50,0 1.969 | 50,0 1.969 | 201,8 7.945 | 62,0 2.441 | 35,0,0 1.378 | 55,0 2.165 | 1 | G6.3 | 4,1 9.040 |
| BT50AD-ER32-120 | 10229687 | BT50 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 120,0 4.724 | 50,0 1.969 | 50,0 1.969 | 221,8 8.732 | 82,0 3.228 | 55,0,0 2.165 | 75,0 2.953 | 1 | G6.3 | 4,4 9.700 |
| BT50AD-ER32-160 | 10229688 | BT50 AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | 50,0 1.969 | 50,0 1.969 | 261,8 10.307 | 122,0 4.803 | 95,0,0 3.740,0 | 115,0 4.528 | 1 | G6.3 | 5,2 11.460 |
| BT50AD-ER40-100 | 10229689 | BT50 AD | 3,0 0.118 | 26,0 1.024 | ER 40 | 100,0 3.937 | 63,0 2.480 | 63,0 2.480 | 201,8 7.945 | 62,0 2.441 | 25,0,0 0.0.984 | 45,0 1.772 | 1 | G6.3 | 4,3 9.480 |

Accessories

| For | Seal nut | Spanner |
|------|---|---|
| |  |  |
| ER11 | - | 03B587511UM |
| ER16 | 08B587516IC | 03B587516UM |
| ER20 | - | 03B587520UM |
| ER25 | 08B587525IC | 03B587525 |
| ER32 | 08B587532IC | 03B587532 |
| ER40 | 08B587540IC | 03B587540 |

Spare Parts, included in delivery

| For | Nut | Stop screw |
|------|---|---|
| |  |  |
| ER11 | 08B587511UM | 19LRC1225 |
| ER16 | 08B587516UM | 19LRC1020 |
| ER20 | 08B587520UM | 19LRC1225 |
| ER25 | 08B587525X | 19LRC1225 |
| ER32 | 08B587532X | 19LRC1225 |
| ER40 | 08B587540X | 19LRC1225 |

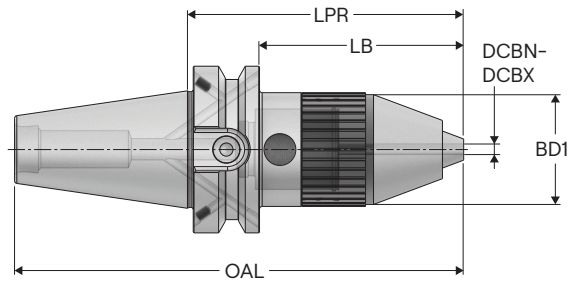
Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Guide

- Metric/ Inch

HSK-A

HSK-E



DIN

-Run-out 40 µm maximum at 2,5 x ØDCBN-DCBX
-For ISO attribute explanation, see page 15

BT JIS

| Designation | Item number | CTMS | DCBN mm inch | DCBX mm inch | OAL mm inch | LPR mm inch | LB mm inch | BD1 mm inch | RFID hole | Balancing | Weight kg lbs |
|-------------|-------------|----------|--------------------|--------------------|-------------------|-------------------|------------------|-------------------|-----------|-----------|---------------------|
| E3414508513 | 00048215 | BT40 ADB | 1,0 0.039 | 13,0 0.512 | 169,4 6.669 | 104,0 4.094 | 77,0 3.031 | 43,0 1.693 | 1 | PB | 1,4 3.090 |
| E3416508516 | 00048218 | BT50 ADB | 2,5 0.098 | 16,0 0.630 | 232,8 9.165 | 131,0 5.157 | 93,0 3.661 | 56,0 2.205 | 1 | PB | 4,66 10.270 |

CAT

Spare Parts, included in delivery

For **Sealing Screws**



Combimaster

| | |
|-------------|----------|
| E3414508513 | 950A0406 |
| E3416508516 | 950A0606 |

Graflex

Seco Capto™

Others

Operating & setting accessories

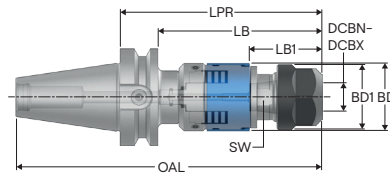
Shrinkfit

For synchronized tapping, with micro-compensation
- Metric/ Inch

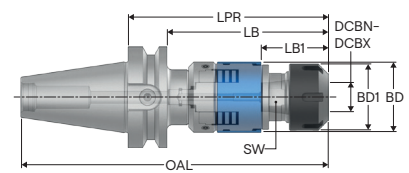
BT JIS B 6339-AD



Design 1



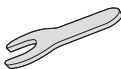
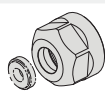
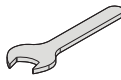
Design 2




- Maximum coolant pressure 80 bar/ 1160 psi
- For ER tapping collets with square drive, see page(s) 407, 408-409
- For TCER 5867 sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD | BD1 | OAL | SW | Design | RFID hole | Balancing | Weight |
|----------------|-------------|---------|-------|------|------|----------------|----------------|---------------|---------------|---------------|-----------------|---------------|--------|-----------|-----------|---------------|
| | | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| E404058671182 | 02926971 | BT30 AD | ER 11 | M2 | M5 | 82,0 3.228 | 60,0 2.362 | 24,1 0.949 | 23,5 0.925 | 18,7 0.736 | 130,4 5.134 | 12,7 0.500 | 1 | 0 | - | 0,6 1.320 |
| E4040586720105 | 02926972 | BT30 AD | ER 20 | M4 | M12 | 100,2 3.945 | 78,2 3.079 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 148,6 5.850 | 22,0 0.866 | 1 | 0 | - | 0,9 1.980 |
| E4040586725125 | 02926973 | BT30 AD | ER 25 | M8 | M20 | 119,6 4.709 | 97,6 3.843 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 168,0 6.614 | 28,0 1.102 | 2 | 0 | - | 1,2 2.650 |
| E4041586720110 | 02926974 | BT40 AD | ER 20 | M4 | M12 | 105,2 4.142 | 78,2 3.079 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 170,6 6.717 | 22,0 0.866 | 1 | 0 | - | 1,4 3.090 |
| E4041586725130 | 02926975 | BT40 AD | ER 25 | M8 | M20 | 124,6 4.906 | 97,6 3.843 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 190,0 7.480 | 28,0 1.102 | 2 | 0 | - | 1,8 3.970 |
| E5766586720125 | 02926976 | BT50 AD | ER 20 | M4 | M12 | 120,2 4.732 | 82,2 3.236 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 222,0 8.740 | 22,0 0.866 | 1 | 0 | - | 3,9 8.600 |
| E5766586725145 | 02926977 | BT50 AD | ER 25 | M8 | M20 | 139,6 5.496 | 101,6 4.000 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 241,4 9.504 | 28,0 1.102 | 2 | 0 | - | 4,3 9.480 |
| E5766586740174 | 02926978 | BT50 AD | ER 40 | M16 | M33 | 168,6 6.638 | 130,6 5.142 | 46,6 1.835 | 62,0 2.441 | 62,7 2.469 | 270,4 10.646 | 39,6 1.559 | 2 | 0 | - | 5,8 12.790 |

Accessories

| For | Locking key | Seal nut | Spanner |
|-------|---|---|---|
| |  |  |  |
| ER 11 | 5680092-03 | - | 03B587511UM |
| ER 20 | 5680092-04 | 5533051-02 | 03B587520UM |
| ER 25 | 5680092-05 | 5533051-03 | 03B587525 |
| ER 40 | 5680092-06 | 5533051-05 | 03B587540 |

Spare Parts, included in delivery

| For | Nut |
|-------|---|
| |  |
| ER 11 | 5533050-07 |
| ER 20 | 5533050-08 |
| ER 25 | 5533050-02 |
| ER 40 | 5533050-04 |

SA – DIN 69871-BT
– Metric/ Inch

Guide

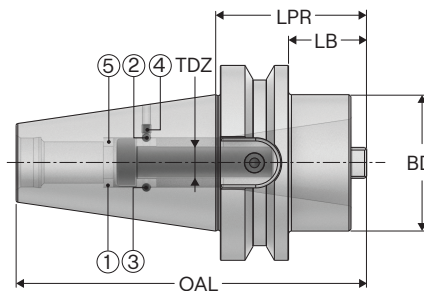
HSK-A

HSK-E

DIN

–Direct run-out 5 µm maximum
–For ISO attribute explanation, see page 15

Spare parts:
1 = Plug
2 = Ring
3 = Balls
4 = Screw
5 = Washer



BT JIS

| Designation | Item number | CTMS | CTWS | LPR | LB | BD | OAL | TDZ | RFID hole | Balancing | Weight |
|---------------|-------------|--------|---------------|---------------|---------------|---------------|----------------|-----|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| E57665434070T | 00041981 | BT50 A | DIN40 BT40 | 70,0 2.756 | 32,0 1.260 | 70,0 2.756 | 179,8 2.756 | M16 | 1 | PB | 4,1 9.040 |

CAT

Spare Parts, included in delivery

Combimaster

| For | Plug | Ring | Screw | Washer |
|---------------|---|---|--|---|
| E57665434070T |  950A0505 |  02B54240 |  950E1670 |  15B54240 |

Graflex

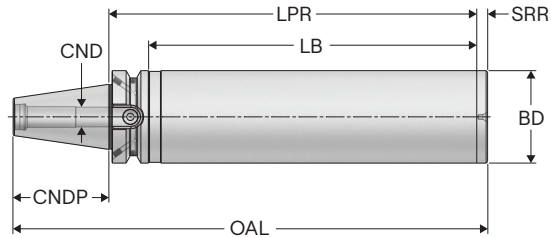
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

- Metric/ Inch



-The cylindrical front part is hardened to 120-130 daN/mm², allowing machining
 -For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | LPR | LB | SRR | BD | CND | OAL | CNDP | RFID hole | Balancing | Weight |
|----------------|-------------|----------|-----------------|-----------------|--------------|---------------|---------------|-----------------|----------------|-----------|-----------|-----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| E3414502363250 | 02503289 | BT40 ADB | 250,0 9.843 | 215,0 8.465 | 8,0 0.315 | 63,0 2.480 | 13,5 0.531 | 323,4 12.732 | 85,0 3.346 | 1 | PB | 6,58 14.510 |
| E3416502363315 | 02503290 | BT50 ADB | 315,0 12.402 | 277,0 10.906 | 8,0 0.315 | 63,0 2.480 | 20,5 0.807 | 424,8 16.724 | 130,0 5.118 | 1 | PB | 10,42 22.970 |
| E3416502395315 | 02503291 | BT50 ADB | 315,0 12.402 | 277,0 10.906 | 8,0 0.315 | 95,0 3.740 | 20,5 0.807 | 424,8 16.724 | 130,0 5.118 | 1 | PB | 20,0 44.090 |

Spare Parts, included in delivery

| For | Sealing Screws |
|------|----------------|
| BT40 | 950A0406 |
| BT50 | 950A0606 |



Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

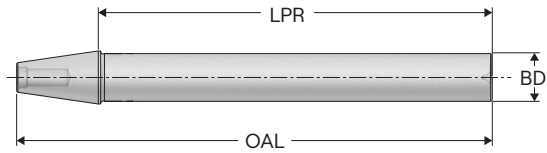
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

- Metric/ Inch



-Diameter, length values and measurement positions are laser engraved on each test bar
 -With protective case and measurement report
 -**Note:** For BT50, use suitable DIN50 Control bars (E447158650330)
 -For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | LPR | BD | OAL | RFID hole | Balancing | Weight |
|---------------|-------------|--------|-----------------|---------------|-----------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | | | |
| E404158640330 | 75041810 | BT40 A | 330.0 12.992 | 40.0 1.575 | 395.4 15.567 | 1 | - | 3.64 8.020 |

Guide

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DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit



BT TF

Seco range of rotating holders allow you to get the most out of both your machine and tool by offering a comprehensive array of solutions to connect them. The range covers all standard workpiece side connections, as well Seco's unique connections. BT JIS TF brings a better accuracy and is ideal for long tools.

- Steadyline, vibration damping shell mill holders
- Shell mill holders, with through coolant channels
- Side lock holders, Weldon
- Shrinkfit holders
- High precision collet chucks
- Power milling chucks
- ER collet chucks

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

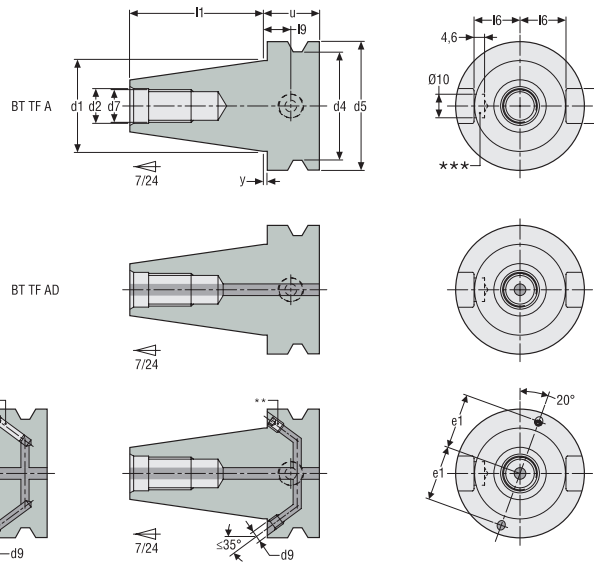
Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit



BT40 TF and 50 ADB with sealing dowel

BT40 TF and 50 ADB with sealing screw

| Machine side catalogue designation | Through coolant Form | Hole for RFID carrier*** | d ₁ | d ₂ | d ₄ | d ₅ **** | d ₇ | d ₉ | e ₁ | u | l ₁ | l ₆ | l ₉ | b | y |
|------------------------------------|----------------------|--------------------------|----------------|----------------|----------------|---------------------|----------------|----------------|----------------|-------------|----------------|----------------|----------------|---------------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| BT30 TF AD | A/AD | No | 31,75 1.250 | 12,5 0.492 | 38 1.496 | 46 1.811 | M12 | - | - | 22 0.866 | 48,4 1.906 | 16,3 0.642 | 11 0.433 | 16,1 0.634 | 1 0.039 |
| BT40 TF ADB | A/AD/B | Yes*** | 44,45 1.750 | 17 0.669 | 53 2.087 | 63 2.480 | M16 | 4 0.157 | 27 1.063 | 27 1.063 | 65,4 2.575 | 22,5 0.886 | 14,5 0.571 | 16,1 0.634 | 1 0.039 |
| BT50 TF ADB | A/AD/B | Yes*** | 69,85 2.750 | 25 0.984 | 85 3.346 | 100 3.937 | M24 | 6 0.236 | 42 1.654 | 38 1.496 | 101,8 4.008 | 35,4 1.394 | 20,5 0.807 | 25,7 1.012 | 1,5 0.059 |

Note: These machine side dimensions are applied to all the holders shown in the Product pages.

* BT with Taper-Face tooling machine sides are:

- conform to the JIS B 6339 (ISO 7388-2) norm.

- except that they have a larger flange towards machine side, with tight tolerances: this achieves taper and face contacts on machine spindles with Taper-Face dimensions. Taper-Face tooling is also usable on standard spindles, but in that case a gap remains between spindle and flange faces.

*** In order to know if a hole for RFID carrier exists, see 'RFID hole' column in Product pages:

1= hole for RFID carrier available, if required a carrier can be fitted on request, please enquire.

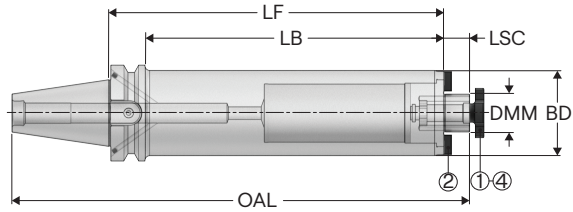
0= hole for RFID carrier not available, if required hole can be machined and a carrier can be fitted on request, please enquire.

**** BT holders with a front end diameter in excess of diameter d₅, are produced with a flange clearance length: BT30 = ∅ 45 mm x 3 mm;

BT40 = ∅ 62 mm x 8 mm; BT50 = ∅ 98 mm x 12 mm. This is compatible with the BT JIS norm which permits free dimensions on workpiece side.

Steadyline®, vibration damping
- Metric/ Inch

BT Taper-Face-ADB



-DMM 40 mm / 1.575", includes 4 threaded holes on the bearing face according to DIN 6357
-For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant





Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | Max. RPM | RFID hole | Balancing | Weight |
|----------------|-------------|-------------|---------------|-----------------|---------------|-----------------|-----------------|---------------|----------|-----------|-----------|----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| E3216555540350 | 02926043 | BT50 TF ADB | 40,0 1.575 | 350,0 13.780 | 89,0 3.504 | 478,8 18.850 | 312,0 12.283 | 27,0 1.063 | 3000 | 1 | PB | 20,7 45.640 |

Accessories

| For | Bolt, through coolant | Spanner |
|----------------|---|--|
| E3216555540350 |  5804020L |  5814020 |

Spare Parts, included in delivery

| For | Bolt | Screw | Sealing Screws | Tenon |
|----------------|--|---|---|--|
| E3216555540350 |  5804020 |  950D0616 |  950A0606 |  16C2161621A |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

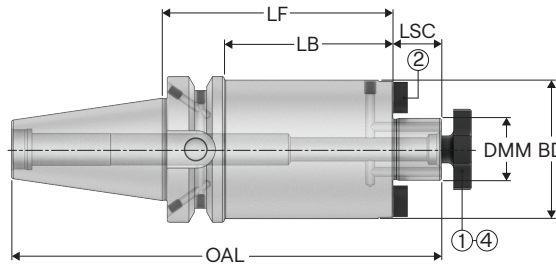
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

With through coolant channels – ISO 3937
– Metric/ Inch




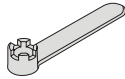
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant


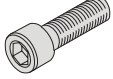

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|----------------------|-------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| BT30TFAD-SM16-040-L1 | 03301661 | BT30 TF AD | 16,0 0.630 | 40,0 1.575 | 38,0 1.496 | 105,4 4.150 | 18,0 0.709 | 17,0 0.669 | 1 | G6.3 | 0,6 1.320 |
| BT30TFAD-SM22-040-L1 | 03301662 | BT30 TF AD | 22,0 0.866 | 40,0 1.575 | 48,0 1.890 | 107,4 4.228 | 18,0 0.709 | 19,0 0.748 | 1 | G6.3 | 0,7 1.540 |
| BT30TFAD-SM27-040-L1 | 03301663 | BT30 TF AD | 27,0 1.063 | 40,0 1.575 | 60,0 2.362 | 109,4 4.307 | 18,0 0.709 | 21,0 0.827 | 1 | G6.3 | 0,9 1.980 |

Accessories

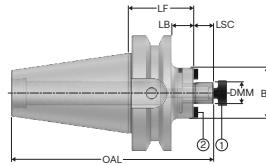
| For | Bolt, through coolant | Spanner |
|----------------------|---|---|
| |  |  |
| BT30TFAD-SM16-040-L1 | 5801608L | 5811608 |
| BT30TFAD-SM22-040-L1 | 5802210L | 5812210 |
| BT30TFAD-SM27-040-L1 | 5802712L | 5812712 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|----------------------|---|---|---|
| |  |  |  |
| BT30TFAD-SM16-040-L1 | 5801608 | 950D0312 | 16C716A |
| BT30TFAD-SM22-040-L1 | 5802210 | 950D0416 | 16C722A |
| BT30TFAD-SM27-040-L1 | 5802712 | 950D0512 | 16C727A |

Small face with through coolant channels
- Inch

BT Taper-Face-AD


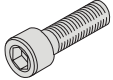



-For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|---------------------------|-------------|------------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | lbs |
| BT30TFAD-SM0.750-2.000-L1 | 03301686 | BT30 TF AD | 0.750 | 2.000 | 1.750 | 4.594 | 1.134 | 0.688 | 1 | G6.3 | 1.760 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|---------------------------|---|---|---|
| |  |  |  |
| BT30TFAD-SM0.750-2.000-L1 | 58271905 | 950DNC012031 | 16C71905 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

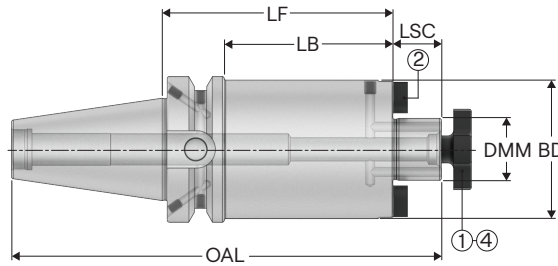
Others

Operating & setting accessories

Shrinkfit

With through coolant channels – ISO 3937
– Metric/ Inch

BT Taper-Face-ADB



–DMM 40 mm / 1.575", includes 4 threaded holes on the bearing face according to DIN 6357
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|-----------------------|-------------|-------------|---------------|---------------|---------------|----------------|---------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| BT40TFADB-SM16-050-L1 | 03301645 | BT40 TF ADB | 16,0 0.630 | 50,0 1.969 | 38,0 1.496 | 132,4 5.213 | 23,0 0.906 | 17,0 0.669 | 1 | G6.3 | 1,2 2.650 |
| BT40TFADB-SM22-045-L1 | 03301648 | BT40 TF ADB | 22,0 0.866 | 45,0 1.772 | 48,0 1.890 | 129,4 5.094 | 18,0 0.709 | 19,0 0.748 | 1 | G6.3 | 1,3 2.870 |
| BT40TFADB-SM27-045-L1 | 03301651 | BT40 TF ADB | 27,0 1.063 | 45,0 1.772 | 60,0 2.362 | 131,4 5.173 | 18,0 0.709 | 21,0 0.827 | 1 | G6.3 | 1,5 3.310 |
| BT40TFADB-SM32-050-L1 | 03301652 | BT40 TF ADB | 32,0 1.260 | 50,0 1.969 | 78,0 3.071 | 139,4 5.488 | 23,0 0.906 | 24,0 0.945 | 1 | G6.3 | 1,9 4.190 |
| BT40TFADB-SM40-050-L1 | 03301653 | BT40 TF ADB | 40,0 1.575 | 50,0 1.969 | 89,0 3.504 | 142,4 5.606 | 23,0 0.906 | 27,0 1.063 | 1 | G6.3 | 2,1 4.630 |
| BT50TFADB-SM22-055-L1 | 03301620 | BT50 TF ADB | 22,0 0.866 | 55,0 2.165 | 48,0 1.890 | 175,8 6.921 | 17,0 0.669 | 19,0 0.748 | 1 | G6.3 | 3,8 8.380 |
| BT50TFADB-SM27-055-L1 | 03301623 | BT50 TF ADB | 27,0 1.063 | 55,0 2.165 | 60,0 2.362 | 177,8 7.000 | 17,0 0.669 | 21,0 0.827 | 1 | G6.3 | 4,0 8.820 |
| BT50TFADB-SM32-055-L1 | 03301626 | BT50 TF ADB | 32,0 1.260 | 55,0 2.165 | 78,0 3.071 | 180,8 7.118 | 17,0 0.669 | 24,0 0.945 | 1 | G6.3 | 4,4 9.700 |
| BT50TFADB-SM40-055-L1 | 03301629 | BT50 TF ADB | 40,0 1.575 | 55,0 2.165 | 89,0 3.504 | 183,8 7.236 | 17,0 0.669 | 27,0 1.063 | 1 | G6.3 | 4,6 10.140 |



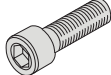

Accessories

| For | Bolt, through coolant | Spanner |
|-----------------|-----------------------|---------|
| BT40/ 16/ 0.630 | 5801608L | 5811608 |
| BT40/ 22/ 0.866 | 5802210L | 5812210 |
| BT40/ 27/ 1.063 | 5802712L | 5812712 |
| BT40/ 32/ 1.260 | 5803216L | 5813216 |
| BT40/ 40/ 1.575 | 5804020L | 5814020 |
| BT50/ 22/ 0.866 | 5802210L | 5812210 |
| BT50/ 27/ 1.063 | 5802712L | 5812712 |
| BT50/ 32/ 1.260 | 5803216L | 5813216 |
| BT50/ 40/ 1.575 | 5804020L | 5814020 |

Operating & setting accessories

| Shrinkfit |
|-----------|
| |

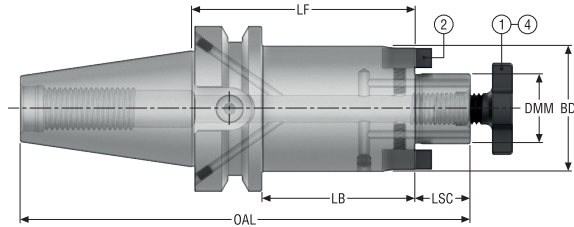
Spare Parts, included in delivery

| For | Bolt | Plug | Screw | Tenon |
|-----------------|---|---|---|---|
| |  |  |  |  |
| BT40/ 16/ 0.630 | 5801608 | 950AIE0404 | 950D0312 | 16C716A |
| BT40/ 22/ 0.866 | 5802210 | 950AIE0404 | 950D0416 | 16C722A |
| BT40/ 27/ 1.063 | 5802712 | 950AIE0404 | 950D0512 | 16C727A |
| BT40/ 32/ 1.260 | 5803216 | 950AIE0404 | 950D0616 | 16C732A |
| BT40/ 40/ 1.575 | 5804020 | 950AIE0404 | 950D0616 | 16C740A |
| BT50/ 22/ 0.866 | 5802210 | 950AIE0505 | 950D0416 | 16C722A |
| BT50/ 27/ 1.063 | 5802712 | 950AIE0505 | 950D0512 | 16C727A |
| BT50/ 32/ 1.260 | 5803216 | 950AIE0505 | 950D0616 | 16C732A |
| BT50/ 40/ 1.575 | 5804020 | 950AIE0505 | 950D0616 | 16C740A |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Small face with through coolant channels – ISO 3937
– Metric/ Inch

BT Taper-Face-ADB



–Small workpiece side diameter BD according to ISO 3937, suitable for Seco disc mill cutters Type B
–For ISO attribute explanation, see page 15

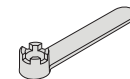
Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw





| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|-------------------------|-------------|-------------|---------------|----------------|---------------|----------------|---------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| BT40TFADB-SM22-060-F3L1 | 03301646 | BT40 TF ADB | 22,0 0.866 | 60,0 2.362 | 40,0 1.575 | 144,4 5.685 | 33,0 1.299 | 19,0 0.748 | 1 | G6.3 | 1,4 3.090 |
| BT40TFADB-SM22-120-F3L1 | 03301647 | BT40 TF ADB | 22,0 0.866 | 120,0 4.724 | 40,0 1.575 | 204,4 8.047 | 93,0 3.661 | 19,0 0.748 | 1 | G6.3 | 1,9 4.190 |
| BT40TFADB-SM27-060-F3L1 | 03301649 | BT40 TF ADB | 27,0 1.063 | 60,0 2.362 | 48,0 1.890 | 146,4 5.764 | 33,0 1.299 | 21,0 0.827 | 1 | G6.3 | 1,5 3.310 |
| BT40TFADB-SM27-120-F3L1 | 03301650 | BT40 TF ADB | 27,0 1.063 | 120,0 4.724 | 48,0 1.890 | 206,4 8.126 | 93,0 3.661 | 21,0 0.827 | 1 | G6.3 | 2,4 5.290 |
| BT50TFADB-SM22-075-F3L1 | 03301618 | BT50 TF ADB | 22,0 0.866 | 75,0 2.953 | 40,0 1.575 | 195,8 7.709 | 37,0 1.457 | 19,0 0.748 | 1 | G6.3 | 4,0 8.820 |
| BT50TFADB-SM22-120-F3L1 | 03301619 | BT50 TF ADB | 22,0 0.866 | 120,0 4.724 | 40,0 1.575 | 240,8 9.480 | 82,0 3.228 | 19,0 0.748 | 1 | G6.3 | 4,4 9.700 |
| BT50TFADB-SM27-075-F3L1 | 03301621 | BT50 TF ADB | 27,0 1.063 | 75,0 2.953 | 48,0 1.890 | 197,8 7.787 | 37,0 1.457 | 21,0 0.827 | 1 | G6.3 | 4,3 9.480 |
| BT50TFADB-SM27-120-F3L1 | 03301622 | BT50 TF ADB | 27,0 1.063 | 120,0 4.724 | 48,0 1.890 | 242,8 9.559 | 82,0 3.228 | 21,0 0.827 | 1 | G6.3 | 4,8 10.580 |
| BT50TFADB-SM32-120-F3L1 | 03301625 | BT50 TF ADB | 32,0 1.260 | 120,0 4.724 | 58,0 2.283 | 245,8 9.677 | 82,0 3.228 | 24,0 0.945 | 1 | G6.3 | 5,3 11.680 |

Accessories

| For | Bolt, through coolant | Spanner |
|----------|-----------------------|---------|
| BT40/ 22 | 5802210L | 5812210 |
| BT40/ 27 | 5802712L | 5812712 |
| BT50/ 22 | 5802210L | 5812210 |
| BT50/ 27 | 5802712L | 5812712 |
| BT50/ 32 | 5803216L | 5813216 |



Spare Parts, included in delivery

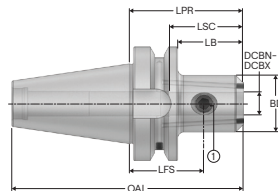
| For | Bolt | Plug | Screw | Tenon |
|----------|---|---|--|---|
| |  |  |  |  |
| BT40/ 22 | 5802210 | 950AIE0404 | 950D0410 | 16C722 |
| BT40/ 27 | 5802712 | 950AIE0404 | 950D0512 | 16C727 |
| BT50/ 22 | 5802210 | 950AIE0505 | 950D0410 | 16C722 |
| BT50/ 27 | 5802712 | 950AIE0505 | 950D0512 | 16C727 |
| BT50/ 32 | 5803216 | 950AIE0505 | 950D0616 | 16C732 |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS**
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

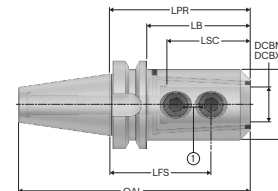
DIN 1835 Form B/ DIN 6535 Form HB
 – Metric/ Inch

BT Taper-Face-AD


Design 1



Design 2




–Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
 –With 2 coolant channels for front lubrication which can be sealed with included screws
 –For ISO attribute explanation, see page 15

 Spare parts:
 1 = Locking screw

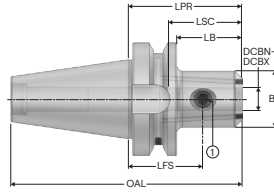
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|----------------------|-------------|------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|--------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| BT30AD-EM06-050-L1 | 10325530 | BT30 AD | 6,0 0.236 | 50,0 1.969 | 28,0 1.102 | 35,2 1.386 | 25,0 0.984 | 98,4 3.874 | 32,0 1.260 | 1 | 1 | G6.3 | 0,5 1.100 |
| BT30AD-EM08-050-L1 | 10325531 | BT30 AD | 8,0 0.315 | 50,0 1.969 | 28,0 1.102 | 34,8 1.370 | 28,0 1.102 | 98,4 3.874 | 32,0 1.260 | 1 | 1 | G6.3 | 0,5 1.100 |
| BT30AD-EM10-050-L1 | 10325532 | BT30 AD | 10,0 0.394 | 50,0 1.969 | 28,0 1.102 | 36,0 1.417 | 35,0 1.378 | 98,4 3.874 | 30,0 1.181 | 1 | 1 | G6.3 | 0,6 1.320 |
| BT30TFAD-EM10-065-L1 | 03301728 | BT30 TF AD | 10,0 0.394 | 65,0 2.559 | 43,0 1.693 | 36,0 1.417 | 35,0 1.378 | 113,4 4.465 | 45,0 1.772 | 1 | 1 | G6.3 | 0,7 1.540 |
| BT30AD-EM12-055-L1 | 10325533 | BT30 AD | 12,0 0.472 | 55,0 2.165 | 33,0 1.299 | 41,0 1.614 | 42,0 1.654 | 103,4 4.071 | 32,5 1.280 | 1 | 1 | G6.3 | 0,7 1.540 |
| BT30TFAD-EM12-065-L1 | 03301729 | BT30 TF AD | 12,0 0.472 | 65,0 2.559 | 43,0 1.693 | 41,0 1.614 | 42,0 1.654 | 113,4 4.465 | 42,5 1.673 | 1 | 1 | G6.3 | 0,8 1.760 |
| BT30TFAD-EM16-060-L1 | 03301730 | BT30 TF AD | 16,0 0.630 | 60,0 2.362 | 35,0 1.378 | 44,0 1.732 | 48,0 1.890 | 108,4 4.268 | 36,0 1.417 | 1 | 1 | G6.3 | 0,8 1.760 |
| BT30AD-EM16-063-L1 | 10325534 | BT30 AD | 16,0 0.630 | 63,0 2.480 | 44,0 1.732 | 44,0 1.732 | 48,0 1.890 | 111,4 4.386 | 39,0 1.535 | 1 | 1 | G6.3 | 0,9 1.980 |
| BT30TFAD-EM20-065-L1 | 03301731 | BT30 TF AD | 20,0 0.787 | 66,0 2.598 | 43,0 1.693 | 46,0 1.811 | 52,0 2.047 | 113,4 4.465 | 40,0 1.575 | 1 | 1 | G6.3 | 0,9 1.980 |
| BT30AD-EM20-063-L1 | 10325535 | BT30 AD | 20,0 0.787 | 63,0 2.480 | 44,0 1.732 | 46,0 1.811 | 52,0 2.047 | 111,4 4.386 | 38,0 1.496 | 1 | 1 | G6.3 | 0,9 1.980 |
| BT30TFAD-EM25-090-L1 | 03301732 | BT30 TF AD | 25,0 0.984 | 90,0 3.543 | 68,0 2.677 | 54,0 2.126 | 63,0 2.480 | 138,4 5.449 | 66,0 2.598 | 2 | 1 | G6.3 | 1,7 3.750 |
| BT30TFAD-EM32-095-L1 | 10007235 | BT30 TF AD | 32,0 1.260 | 95,0 3.740 | 73,0 2.874 | 58,0 2.283 | 72,0 2.835 | 143,4 5.646 | 71,0 2.795 | 2 | 0 | G6.3 | 2,2 4.850 |

Spare Parts, included in delivery

| Others | For DCBN-DCBX | Coolant screw | Locking screw |
|---------------------------------|---------------|---------------|---|
| | | |  |
| Operating & setting accessories | 6 / 0.236 | 950A0304 | 951C0610 |
| | 8 / 0.315 | 950A0304 | 951C0810 |
| | 10 / 0.394 | 950A0304 | 951C1012 |
| | 12 / 0.472 | 950A0304 | 951C1216 |
| | 16 / 0.630 | 950A0304 | 951C1416 |
| Shrinkfit | 20 / 0.787 | 950A0304 | 951C1616 |
| | 25 / 0.984 | 950A0304 | 951C1820 |
| | 32 / 1.260 | 950A0304 | 951C2020 |

DIN 1835 Form B/ DIN 6535 Form HB
- Inch

BT Taper-Face-AD



-With 2 coolant channels for front lubrication which can be sealed with included screws
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | RFID hole | Balancing | Weight |
|---------------------------|-------------|------------|-----------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | lbs |
| BT30TFAD-EM0.500-2.500-L1 | 03301749 | BT30 TF AD | 0.500 | 2.500 | 1.634 | 1.620 | 1.250 | 4.406 | 1.630 | 1 | G6.3 | 1.320 |

Spare Parts, included in delivery

| For | Coolant screw | Locking screw |
|---------------------------|---|---|
| |  |  |
| BT30TFAD-EM0.500-2.500-L1 | 950A0304 | 951CNF043037 |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

DIN 1835 Form B/ DIN 6535 Form HB
- Metric/ Inch

BT Taper-Face-ADB

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

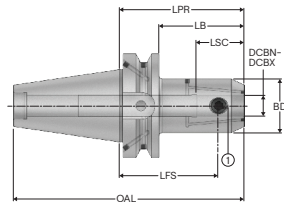
Others

Operating & setting accessories

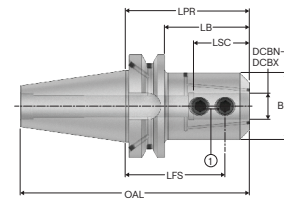
Shrinkfit



Design 1



Design 2






-Weldon ØDCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
-With 2 coolant channels for front lubrication which can be sealed with included screws
-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

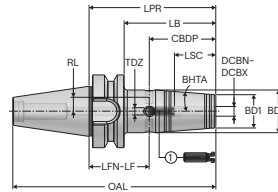
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|-----------------------|-------------|-------------|---------------|----------------|---------------|---------------|----------------|----------------|---------------|--------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| BT40TFADB-EM16-065-L1 | 03301722 | BT40 TF ADB | 16,0 0.630 | 65,0 2.559 | 38,0 1.496 | 44,0 1.732 | 48,0 1.890 | 130,4 5.134 | 41,0 1.614 | 1 | 1 | G6.3 | 1,4 3.090 |
| BT40TFADB-EM20-065-L1 | 03301723 | BT40 TF ADB | 20,0 0.787 | 65,0 2.559 | 38,0 1.496 | 46,0 1.811 | 52,0 2.047 | 130,4 5.134 | 40,0 1.575 | 1 | 1 | G6.3 | 1,4 3.090 |
| BT40TFADB-EM25-090-L1 | 03301724 | BT40 TF ADB | 25,0 0.984 | 90,0 3.543 | 63,0 2.480 | 54,0 2.126 | 63,0 2.480 | 155,4 6.118 | 66,0 2.598 | 2 | 1 | G6.3 | 2,2 4.850 |
| BT40TFADB-EM32-100-L1 | 10007236 | BT40 TF ADB | 32,0 1.260 | 100,0 3.937 | 73,0 2.874 | 58,0 2.283 | 72,0 2.835 | 165,4 6.512 | 76,0 2.992 | 2 | 1 | G6.3 | 2,7 5.950 |
| BT40TFADB-EM40-110-L1 | 03301725 | BT40 TF ADB | 40,0 1.575 | 110,0 4.331 | 75,0 2.953 | 68,0 2.677 | 80,0 3.150 | 175,4 6.906 | 80,0 3.150 | 2 | 1 | G6.3 | 3,2 7.050 |
| BT50TFADB-EM25-100-L1 | 03301719 | BT50 TF ADB | 25,0 0.984 | 100,0 3.937 | 62,0 2.441 | 54,0 2.126 | 63,0 2.480 | 201,8 7.945 | 76,0 2.992 | 2 | 1 | G6.3 | 4,8 10.580 |
| BT50TFADB-EM32-105-L1 | 10007237 | BT50 TF ADB | 32,0 1.260 | 105,0 4.134 | 67,0 2.638 | 58,0 2.283 | 72,0 2.835 | 206,8 8.142 | 81,0 3.189 | 2 | 1 | G6.3 | 5,1 11.240 |
| BT50TFADB-EM40-115-L1 | 03301720 | BT50 TF ADB | 40,0 1.575 | 115,0 4.528 | 77,0 3.031 | 68,0 2.677 | 80,0 3.150 | 216,8 8.535 | 85,0 3.346 | 2 | 1 | G6.3 | 5,7 12.570 |
| BT50TFADB-EM50-130-L1 | 03301721 | BT50 TF ADB | 50,0 1.969 | 130,0 5.118 | 92,0 3.622 | 78,0 3.071 | 100,0 3.937 | 231,8 9.126 | 95,0 3.740 | 2 | 1 | G6.3 | 7,4 16.310 |

Spare Parts, included in delivery

| For | Coolant screw | Locking screw | Plug |
|---------------------------|---|---|---|
| |  |  |  |
| BT40/ 16/ 0.630 | 950A0304 | 951C1416 | 950AIE0404 |
| BT40/ 20/ 0.787 | 950A0304 | 951C1616 | 950AIE0404 |
| BT40/ 25/ 0.984 | 950A0304 | 951C1820 | 950AIE0404 |
| BT40/ 32/ 1.260-40/ 1.575 | 950A0304 | 951C2020 | 950AIE0404 |
| BT50/ 25/ 0.984 | 950A0304 | 951C1820 | 950AIE0505 |
| BT50/ 32/ 1.260-40/ 1.575 | 950A0304 | 951C2020 | 950AIE0505 |
| BT50/ 50/ 1.969 | 950A0304 | 951C2425 | 950AIE0505 |

DIN type
- Metric/ Inch

BT Taper-Face-AD



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CDBP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------|-------------|------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | | |
| E400256030680 | 02998719 | BT30 TF AD | 6,0 0.236 | 80,0 3.150 | 58,0 2.283 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 128,4 5.055 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M5x0.8 | 4,5 | 0 | G2.5 | 0,6 1.320 |
| E400256030880 | 02998720 | BT30 TF AD | 8,0 0.315 | 80,0 3.150 | 58,0 2.283 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 128,4 5.055 | 44,0 1.732 | 54,0 2.126 | 10,5 0.413 | M6x1 | 4,5 | 0 | G2.5 | 0,6 1.320 |
| E400256031080 | 02998721 | BT30 TF AD | 10,0 0.394 | 80,0 3.150 | 58,0 2.283 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 128,4 5.055 | 39,0 1.535 | 49,0 1.929 | 13,0 0.512 | M8x1 | 4,5 | 0 | G2.5 | 0,7 1.540 |
| E400256031280 | 02998722 | BT30 TF AD | 12,0 0.472 | 80,0 3.150 | 58,0 2.283 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 128,4 5.055 | 34,0 1.339 | 44,0 1.732 | 13,0 0.512 | M10x1 | 4,5 | 0 | G2.5 | 0,7 1.540 |

Accessories

| For | Balancing screws |
|-----|------------------|
| All | 90ZQ01 |

Spare Parts, included in delivery

| For | Stop screw |
|---------------|------------|
| E400256030680 | 19BDR05165 |
| E400256030880 | 19BDR06165 |
| E400256031080 | 19BDR08165 |
| E400256031280 | 19BDR10165 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

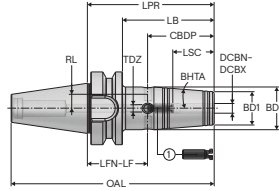
DIN type
- Inch

Guide

HSK-A

HSK-E

DIN



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

BT JIS

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E40025603025315 | 02998693 | BT30 TF AD | 0.250 | 3.150 | 2.283 | 1.476 | 0.866 | 0.827 | 1.063 | 5.055 | 1.732 | 2.126 | 0.413 | M5x0.8 | 4,5 | 0 | G2.5 | 1.320 |
| E40025603037315 | 02998694 | BT30 TF AD | 0.375 | 3.150 | 2.283 | 1.673 | 1.220 | 0.945 | 1.260 | 5.055 | 1.535 | 1.929 | 0.512 | M8x1 | 4,5 | 0 | G2.5 | 1.540 |
| E40025603050315 | 02998695 | BT30 TF AD | 0.500 | 3.150 | 2.283 | 1.791 | 1.339 | 0.945 | 1.260 | 5.055 | 1.417 | 1.811 | 0.512 | M10x1 | 4,5 | 0 | G2.5 | 1.540 |

CAT

Accessories

Combimaster

For **Balancing screws**



All [90ZQ01](#)

Graflex

Spare Parts, included in delivery

For **Stop screw**



Seco Capto™

| | |
|-----------------|----------------------------|
| E40025603025315 | 19BDR05165 |
| E40025603037315 | 19BDR08165 |
| E40025603050315 | 19BDR10165 |

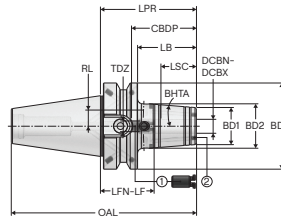
Others

Operating & setting accessories

Shrinkfit

Reinforced type
- Metric/ Inch

BT Taper-Face-ADB



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA* | RFID hole | Balancing | Weight |
|----------------|-------------|-------------|---------------|----------------|---------------|-----|---------------|---------------|---------------|---------------|-----|----------------|---------------|---------------|---------------|-------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | | | | |
| E321456001270 | 02904803 | BT40 TF ADB | 12,0 0.472 | 70,0 2.756 | 43,0 1.693 | - | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | - | 135,4 5.331 | 24,0 0.945 | 34,0 1.339 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E321456001675 | 02904804 | BT40 TF ADB | 16,0 0.630 | 75,0 2.953 | 48,0 1.890 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 140,4 5.528 | 26,0 1.024 | 36,0 1.417 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E321456002075 | 02904805 | BT40 TF ADB | 20,0 0.787 | 75,0 2.953 | 48,0 1.890 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | - | 140,4 5.528 | 24,0 0.945 | 34,0 1.339 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |
| E321456002585 | 02904806 | BT40 TF ADB | 25,0 0.984 | 85,0 3.346 | 58,0 2.283 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | - | 150,4 5.921 | 28,0 1.102 | 38,0 1.496 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 1,7 3.750 |
| E3216560012100 | 02904815 | BT50 TF ADB | 12,0 0.472 | 100,0 3.937 | 62,0 2.441 | - | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | - | 201,8 7.945 | 54,0 2.126 | 64,0 2.520 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 4,1 9.040 |
| E3216560016100 | 02904816 | BT50 TF ADB | 16,0 0.630 | 100,0 3.937 | 62,0 2.441 | - | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | - | 201,8 7.945 | 51,0 2.008 | 61,0 2.402 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 4,2 9.260 |
| E3216560020100 | 02904817 | BT50 TF ADB | 20,0 0.787 | 100,0 3.937 | 62,0 2.441 | - | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | - | 201,8 7.945 | 49,0 1.929 | 59,0 2.323 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 4,5 9.920 |
| E3216560025100 | 02904818 | BT50 TF ADB | 25,0 0.984 | 100,0 3.937 | 62,0 2.441 | - | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | - | 201,8 7.945 | 43,0 1.693 | 53,0 2.087 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 4,5 9.920 |
| E3216560032105 | 02904819 | BT50 TF ADB | 32,0 1.260 | 105,0 4.134 | 67,0 2.638 | - | 62,5 2.461 | 51,0 2.008 | 48,0 1.890 | 57,1 2.249 | - | 206,8 8.142 | 44,0 1.732 | 54,0 2.126 | 25,0 0.984 | M16x1 | 4,5 | 1 | G2.5 | 4,5 9.920 |

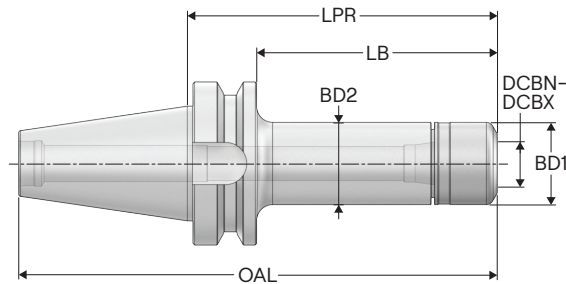
Accessories

| For | Balancing screws |
|-----|------------------|
| All | 90ZQ01 |

Spare Parts, included in delivery

| For | Sealing plugs | Sealing Screws | Stop screw |
|----------------|---------------|----------------|------------|
| BT40 TF/ 12 | 90AI03 | 950A0406 | 19BDR10165 |
| BT40 TF/ 16 | 90AI03 | 950A0406 | 19BDR12165 |
| BT40 TF/ 20-25 | 90AI04 | 950A0406 | 19BDR16165 |
| BT50 TF/ 12 | 90AI03 | 950A0606 | 19BDR10165 |
| BT50 TF/ 16 | 90AI03 | 950A0606 | 19BDR12165 |
| BT50 TF/ 20-25 | 90AI04 | 950A0606 | 19BDR16165 |
| BT50 TF/ 32 | 90AI04 | 950A0606 | 19BDR16165 |


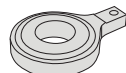
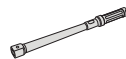
– Metric/ Inch



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX
- For ER HP collets type 5672, see page(s) 389, 390, 391-397
- For stop screws, see instructions at www.secotools.com
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | RFID hole | Balancing | Weight |
|----------------------|-------------|------------|--------------|---------------|--------|----------------|---------------|---------------|-----------------|----------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| BT30TFAD-ERHP11R-105 | 10358829 | BT30 TF AD | 1,0 0.039 | 7,0 0.276 | HP 11R | 106,0 4.173 | 16,0 0.630 | 16,0 0.630 | 154,4 6.079 | 84,0 3.307 | 0 | G2.5 | 0,5 1.100 |
| BT30TFAD-ERHP16-060 | 10358830 | BT30 TF AD | 1,0 0.039 | 10,0 0.394 | HP 16 | 61,0 2.402 | 30,0 1.181 | 30,0 1.181 | 109,4 4.307 | 39,0 1.535 | 0 | G2.5 | 0,6 1.320 |
| BT30TFAD-ERHP16-120 | 10358831 | BT30 TF AD | 1,0 0.039 | 10,0 0.394 | HP 16 | 121,0 4.764 | 30,0 1.181 | 30,0 1.181 | 169,4 6.669 | 99,0 3.898 | 0 | G2.5 | 0,9 1.980 |
| BT40TFAD-ERHP16-075 | 10358832 | BT40 TF AD | 1,0 0.039 | 10,0 0.394 | HP 16 | 76,0 2.992 | 30,0 1.181 | 30,0 1.181 | 141,5 5.571 | 49,1 1.933 | 1 | G2.5 | 0,7 1.540 |
| BT40TFAD-ERHP16-150 | 10358833 | BT40 TF AD | 1,0 0.039 | 10,0 0.394 | HP 16 | 151,0 5.945 | 30,0 1.181 | 30,0 1.181 | 216,5 8.524 | 124,1 4.886 | 1 | G2.5 | 0,8 1.760 |
| BT30TFAD-ERHP20-075 | 10358834 | BT30 TF AD | 1,0 0.039 | 13,0 0.512 | HP 20 | 76,0 2.992 | 32,0 1.260 | 32,0 1.260 | 124,4 4.898 | 54,0 2.126 | 0 | G2.5 | 1,1 2.430 |
| BT30TFAD-ERHP25-075 | 10358835 | BT30 TF AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 76,0 2.992 | 40,0 1.575 | 40,0 1.575 | 124,4 4.898 | 54,0 2.126 | 0 | G2.5 | 1,2 2.650 |
| BT30TFAD-ERHP25-120 | 10358836 | BT30 TF AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 121,0 4.764 | 40,0 1.575 | 40,0 1.575 | 169,4 6.669 | 99,0 3.898 | 0 | G2.5 | 1,6 3.530 |
| BT40TFAD-ERHP25-075 | 10358837 | BT40 TF AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 76,2 3.000 | 40,0 1.575 | 40,0 1.575 | 141,6 5.575 | 49,2 1.937 | 1 | G2.5 | 1,3 2.870 |
| BT40TFAD-ERHP25-165 | 10358838 | BT40 TF AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 166,2 6.543 | 40,0 1.575 | 40,0 1.575 | 231,6 9.118 | 139,2 5.480 | 1 | G2.5 | 2,1 4.630 |
| BT50TFAD-ERHP25-105 | 10358839 | BT50 TF AD | 1,0 0.039 | 16,0 0.630 | HP 25 | 106,5 4.193 | 40,0 1.575 | 40,0 1.575 | 208,3 8.201 | 68,5 2.697 | 1 | G2.5 | 1,4 3.090 |
| BT40TFAD-ERHP32-075 | 10358840 | BT40 TF AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 76,0 2.992 | 50,0 1.969 | 50,0 1.969 | 141,4 5.567 | 49,0 1.929 | 1 | G2.5 | 2,6 5.730 |
| BT40TFAD-ERHP32-165 | 10358841 | BT40 TF AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 165,5 6.516 | 50,0 1.969 | 50,0 1.969 | 230,9 9.091 | 138,5 5.453 | 1 | G2.5 | 4,1 9.040 |
| BT50TFAD-ERHP32-105 | 10358842 | BT50 TF AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 106,5 4.193 | 50,0 1.969 | 50,0 1.969 | 208,3 8.201 | 68,5 2.697 | 1 | G2.5 | 4,3 9.480 |
| BT50TFAD-ERHP32-165 | 10358843 | BT50 TF AD | 2,0 0.079 | 20,0 0.787 | HP 32 | 166,5 6.555 | 50,0 1.969 | 50,0 1.969 | 268,3 10.563 | 128,5 5.059 | 1 | G2.5 | 5,1 11.240 |

Accessories

| For | Key | Socket | Torque key |
|---------|--|---|---|
| ERHP11R |  03LME0912140 |  03ER016 |  03DYE003025 |
| ERHP16 | 03LME1418260 | 03ER030B | 03DYE010100B |
| ERHP20 | 03LME1418260 | 03ER032B | 03DYE010100B |
| ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

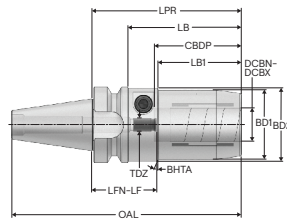
Spare Parts, included in delivery

| For | Nut |
|---------|-------------|
| ERHP11R | 08B567211RC |
| ERHP16 | 08B567216C |
| ERHP20 | 08B567220C |
| ERHP25 | 08B567225C |
| ERHP32 | 08B567232C |



- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

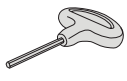
Reinforced type
– Metric/ Inch



–Run-out $\leq 3 \mu\text{m}$
–For reduction sleeves, see page(s) 381, 382
–For ISO attribute explanation, see page 15

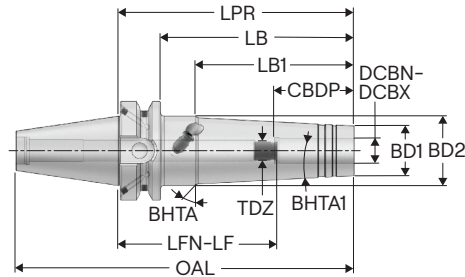
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight | |
|---------------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|------|-------|-----------|-----------|--------------|-----|
| | | | | | | | | | | | | | | | | | kg | |
| | | | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | | | | | | lbs |
| BT30TFAD-HCR12-069 | 10137138 | BT30 TF AD | 12,0 0.472 | 69,0 2.717 | 47,0 1.850 | 32,0 1.260 | 47,5 1.870 | 44,5 1.752 | 42,0 1.654 | 117,4 4.622 | 23,0 0.906 | 33,0 1.299 | M8x1 | 20,0 | 0 | G2.5 | 0,9 1.980 | |
| BT30TFAD-HCR20-090 | 10137139 | BT30 TF AD | 20,0 0.787 | 90,0 3.543 | 68,0 2.677 | 50,0 1.969 | 52,5 2.067 | 44,5 1.752 | 42,0 1.654 | 138,4 5.449 | 39,0 1.535 | 49,0 1.929 | M8x1 | 20,0 | 0 | G2.5 | 1,0 2.200 | |
| BT40TFADB-HCR12-058 | 10137142 | BT40 TF ADB | 12,0 0.472 | 58,0 2.283 | 31,0 1.220 | – | 47,5 1.870 | – | 42,0 1.654 | 123,4 4.858 | 12,0 0.472 | 22,0 0.866 | M8x1 | – | 0 | G2.5 | 1,2 2.650 | |
| BT40TFADB-HCR20-072 | 10137143 | BT40 TF ADB | 20,0 0.787 | 72,5 2.854 | 45,5 1.791 | – | 52,5 2.067 | – | 49,25 1.939 | 137,9 5.429 | 21,5 0.846 | 31,5 1.240 | M8x1 | – | 0 | G2.5 | 1,5 3.310 | |

Accessories

| | |
|-----|---|
| For | Key |
| |  |
| All | H05-4 |

Slim type
- Metric/ Inch


BT Taper-Face-ADB



-Run-out $\leq 3 \mu\text{m}$
-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | BHTA1° | RFID hole | Balan- cing | Weight |
|---------------------|-------------|----------------|---------------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|----------------|------------|------------|--------|-----------|----------------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm | mm | | |
| BT40TFADB-HCS06-150 | 10137346 | BT40 TF ADB | 6,0 0.236 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 37,0 1.457 | 44,5 1.752 | 20,0 0.787 | 215,4 8.480 | 113,0 4.449 | 123,0 4.843 | M5x0.8 | 30,0 | 3,0 | 1 | G2.5 | 1,6 3.530 |
| BT40TFADB-HCS08-150 | 10137347 | BT40 TF ADB | 8,0 0.315 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 37,0 1.457 | 44,5 1.752 | 22,0 0.866 | 215,4 8.480 | 113,0 4.449 | 123,0 4.843 | M6x1 | 30,0 | 3,0 | 1 | G2.5 | 1,7 3.750 |
| BT40TFADB-HCS10-150 | 10137348 | BT40 TF ADB | 10,0 0.394 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 42,0 1.654 | 44,5 1.752 | 24,0 0.945 | 215,4 8.480 | 110,0 4.331 | 120,0 4.724 | M8x1 | 30,0 | 3,0 | 1 | G2.5 | 1,7 3.750 |
| BT40TFADB-HCS12-150 | 10137349 | BT40 TF ADB | 12,0 0.472 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 47,0 1.850 | 44,5 1.752 | 25,0 0.984 | 215,4 8.480 | 103,0 4.055 | 113,0 4.449 | M10x1 | 30,0 | 3,0 | 1 | G2.5 | 1,8 3.970 |
| BT40TFADB-HCS16-150 | 10137350 | BT40 TF ADB | 16,0 0.630 | 150,0 5.906 | 123,0 4.843 | 100,0 3.937 | 52,0 2.047 | 44,5 1.752 | 32,0 1.260 | 215,4 8.480 | 100,0 3.937 | 110,0 4.331 | M12x1 | 30,0 | 3,0 | 1 | G2.5 | 2,0 4.410 |
| BT40TFADB-HCS20-150 | 10137351 | BT40 TF ADB | 20,0 0.787 | 150,0 5.906 | 123,0 4.843 | - | 52,0 2.047 | 46,9 1.846 | 34,0 1.339 | 215,4 8.480 | 100,0 3.937 | 110,0 4.331 | M16x1 | - | 3,0 | 1 | G2.5 | 2,0 4.410 |

Accessories

| | |
|-----|---|
| For | Key |
| |  |
| All | 03MS04C |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Guide

- Metric/ Inch

HSK-A

HSK-E

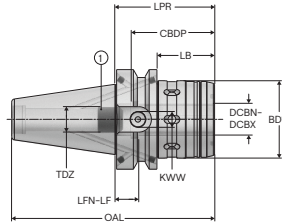
DIN

-For reduction sleeves, see page(s) 385-386
 -For 'Stop screws for through coolant', see page(s) 387-388
 -For ISO attribute explanation, see page 15

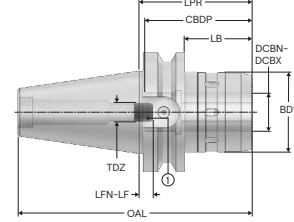
Spare parts:
 1 = Stop screw



Design 1



Design 2



BT JIS

CAT

| Designation | Item number | CTMS | DCBN-DCBX | OAL | LPR | LB | CBDP | BD1 | LFN | LF | KWW | TDZ | Design | RFID hole | Balancing | Weight |
|---------------------|-------------|-------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|-----|-----|--------|-----------|-----------|---------------|
| | | | | mm | mm | mm | mm | mm | mm | mm | | | | | | |
| BT40TFADB-PMC20-065 | 03242413 | BT40 TF ADB | 20,0 0.787 | 128,4 5.055 | 65,0 2.559 | 36,5 1.437 | 63,0 2.480 | 65,0 2.559 | 2,0 0.079 | 7,0 0.276 | 8,0 | M16 | 1 | 1 | PB | 1,4 3.090 |
| BT40TFAD-PMC32-090 | 10185653 | BT40 TF AD | 32,0 1.260 | 155,4 6.118 | 90,0 3.543 | 63,0 2.480 | 80,0 3.150 | 67,0 2.638 | 10,0 0.394 | 15,0 0.591 | 8,0 | M16 | - | 1 | PB | 2,1 4.630 |
| BT50TFAD-PMC32-095 | 10185658 | BT50 TF AD | 32,0 1.260 | 196,8 7.748 | 95,0 3.740 | 57,0 2.244 | 90,0 3.543 | 67,0 2.638 | 5,0 0.197 | 10,0 0.394 | 8,0 | M16 | 2 | 1 | PB | 4,6 10.140 |

Combimaster

Accessories

| For | Spanner |
|--------|----------|
| -PMC20 | 03BPMC20 |
| -PMC32 | 03BPMC32 |

Graflex

Spare Parts, included in delivery

| For | Extractor for reduction sleeves | Sealing Screws | Stop screw |
|--------|---------------------------------|----------------|------------|
| -PMC20 | 03EXTPMC | 950A0406 | 19BEPMC01 |
| -PMC32 | 03EXTPMC | - | 19BEPMC01 |

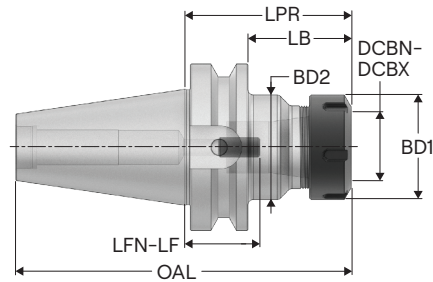
Others

Operating & setting accessories

Shrinkfit

ISO 15488
- Metric/ Inch



BT Taper-Face-AD





- Run-out 15 µm/ .0006" maximum at 3 x ØDCBN-DCBX
- For ER extensions and ER collets, see page(s) 362, 363, 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | LFN | LF | RFID hole | Balan- cing | Weight |
|-------------------|-------------|------------|--------------|---------------|-------|----------------|---------------|---------------|----------------|---------------|---------------|---------------|-----------|----------------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| BT40TFAD-ER16-070 | 10229690 | BT40 TF AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 70,0 2.756 | 28,0 1.102 | 28,0 1.102 | 134,5 5.295 | 43,0 1.693 | 25,0 0.984 | 40,0 1.575 | 1 | G6.3 | 1,1 2.430 |
| BT40TFAD-ER16-120 | 10229691 | BT40 TF AD | 0,5 0.020 | 10,0 0.394 | ER 16 | 120,0 4.724 | 28,0 1.102 | 28,0 1.102 | 185,4 7.299 | 93,0 3.661 | 75,0 2.953 | 90,0 3.543 | 1 | G6.3 | 1,4 3.090 |
| BT40TFAD-ER25-070 | 10229692 | BT40 TF AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 70,0 2.756 | 42,0 1.654 | 42,0 1.654 | 134,5 5.295 | 43,0 1.693 | 5,0 0.197 | 25,0 0.984 | 1 | G6.3 | 1,2 2.650 |
| BT40TFAD-ER25-120 | 10229693 | BT40 TF AD | 1,0 0.039 | 16,0 0.630 | ER 25 | 120,0 4.724 | 42,0 1.654 | 42,0 1.654 | 185,4 7.299 | 93,0 3.661 | 55,0 2.165 | 75,0 2.953 | 1 | G6.3 | 1,7 3.750 |
| BT40TFAD-ER32-070 | 10229694 | BT40 TF AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 70,0 2.756 | 50,0 1.969 | 50,0 1.969 | 135,0 5.315 | 43,0 1.693 | 5,0 0.197 | 25,0 0.984 | 1 | G6.3 | 1,3 2.870 |
| BT40TFAD-ER32-120 | 10229695 | BT40 TF AD | 2,0 0.079 | 20,0 0.787 | ER 32 | 120,0 4.724 | 50,0 1.969 | 50,0 1.969 | 185,4 7.299 | 93,0 3.661 | 55,0 2.165 | 75,0 2.953 | 1 | G6.3 | 2,1 4.630 |

Accessories

| For | Seal nut | Spanner |
|------|---|---|
| |  |  |
| ER16 | 08B587516IC | 03B587516UM |
| ER25 | 08B587525IC | 03B587525 |
| ER32 | 08B587532IC | 03B587532 |

Spare Parts, included in delivery

| For | Nut | Stop screw |
|------|---|---|
| |  |  |
| ER16 | 08B587516UM | 19LRC1020 |
| ER25 | 08B587525X | 19LRC1225 |
| ER32 | 08B587532X | 19LRC1225 |



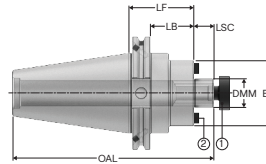
CAT

Seco range of rotating holders allow you to get the most out of both your machine and tool by offering a comprehensive array of solutions to connect them. The range covers all standard workpiece side connections, as well Seco's unique connections. Machine side connections are included for most of the norms, including **CAT-V**.

- Steadyline, vibration damping shell mill holders
- Shell mill holders, with through coolant channels
- Disc mill holders
- Side lock holders, Weldon
- Shrinkfit holders
- High precision collet chucks
- Hydraulic chucks and Power milling chucks
- ER collet chucks
- Tapping chucks

With through coolant channels
- Inch

CAT / ASME B5.50-1994-ADB



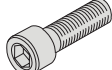
-DMM 2.500", includes 4 threaded holes for 5/8-11 UNC screws on the bearing face on Ø4"
-For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw (not removable)

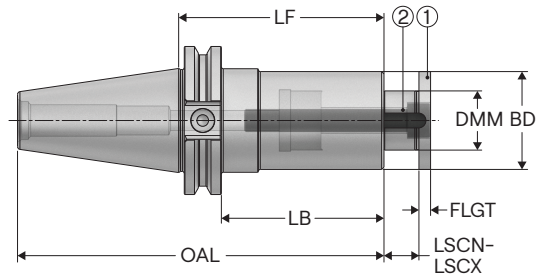
| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|---------------------------|-------------|-----------|-------|-------|-------|--------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | lbs |
| CAT40ADB-SM0.500-1.500-L1 | 03197127 | CAT40 ADB | 0.500 | 1.500 | 1.437 | 4.749 | 0.750 | 0.562 | 1 | PB | 2.200 |
| CAT40ADB-SM0.750-1.500-L1 | 03197128 | CAT40 ADB | 0.750 | 1.500 | 1.750 | 4.874 | 0.750 | 0.687 | 1 | PB | 2.430 |
| CAT40ADB-SM0.750-1.750-L1 | 03197129 | CAT40 ADB | 0.750 | 1.750 | 1.750 | 5.124 | 1.000 | 0.687 | 1 | PB | 2.650 |
| CAT40ADB-SM0.750-4.000-L1 | 03197130 | CAT40 ADB | 0.750 | 4.000 | 1.750 | 7.374 | 3.250 | 0.687 | 1 | PB | 4.190 |
| CAT40ADB-SM1.000-2.000-L1 | 03197131 | CAT40 ADB | 1.000 | 2.000 | 2.250 | 5.374 | 1.250 | 0.687 | 1 | PB | 3.310 |
| CAT40ADB-SM1.000-2.250-L1 | 03197132 | CAT40 ADB | 1.000 | 2.250 | 2.250 | 5.624 | 1.500 | 0.687 | 1 | PB | 3.530 |
| CAT40ADB-SM1.000-4.000-L1 | 03197133 | CAT40 ADB | 1.000 | 4.000 | 2.250 | 7.374 | 3.250 | 0.687 | 1 | PB | 4.850 |
| CAT40ADB-SM1.250-2.250-L1 | 03197134 | CAT40 ADB | 1.250 | 2.250 | 2.750 | 5.624 | 1.500 | 0.687 | 1 | PB | 3.750 |
| CAT40ADB-SM1.500-2.250-L1 | 03197136 | CAT40 ADB | 1.500 | 2.250 | 3.750 | 5.874 | 1.500 | 0.937 | 1 | PB | 5.950 |
| CAT40ADB-SM1.500-4.000-L1 | 03197138 | CAT40 ADB | 1.500 | 4.000 | 3.750 | 7.624 | 3.250 | 0.937 | 1 | PB | 9.040 |
| CAT50ADB-SM0.750-2.000-L1 | 03197141 | CAT50 ADB | 0.750 | 2.000 | 1.750 | 6.687 | 1.250 | 0.687 | 1 | PB | 7.280 |
| CAT50ADB-SM0.750-3.500-L1 | 03197142 | CAT50 ADB | 0.750 | 3.500 | 1.750 | 8.187 | 2.750 | 0.687 | 1 | PB | 8.160 |
| CAT50ADB-SM1.000-2.250-L1 | 03197145 | CAT50 ADB | 1.000 | 2.250 | 2.250 | 6.937 | 1.500 | 0.687 | 1 | PB | 8.160 |
| CAT50ADB-SM1.000-4.000-L1 | 03197146 | CAT50 ADB | 1.000 | 4.000 | 2.250 | 8.687 | 3.250 | 0.687 | 1 | PB | 9.700 |
| CAT50ADB-SM1.000-6.000-L1 | 03197147 | CAT50 ADB | 1.000 | 6.000 | 2.250 | 10.687 | 5.250 | 0.687 | 1 | PB | 11.900 |
| CAT50ADB-SM1.250-1.500-L1 | 03197148 | CAT50 ADB | 1.250 | 1.500 | 2.750 | 6.187 | 0.750 | 0.687 | 1 | PB | 7.500 |
| CAT50ADB-SM1.500-2.250-L1 | 03197150 | CAT50 ADB | 1.500 | 2.250 | 3.750 | 7.187 | 1.500 | 0.937 | 1 | PB | 10.140 |
| CAT50ADB-SM1.500-4.000-L1 | 03197152 | CAT50 ADB | 1.500 | 4.000 | 3.750 | 8.937 | 3.250 | 0.937 | 1 | PB | 14.330 |
| CAT50ADB-SM1.500-6.000-L1 | 03197153 | CAT50 ADB | 1.500 | 6.000 | 3.750 | 10.937 | 5.250 | 0.937 | 1 | PB | 17.200 |
| CAT50ADB-SM2.000-2.400-L1 | 03197154 | CAT50 ADB | 2.000 | 2.400 | 4.874 | 7.337 | 1.650 | 0.937 | 1 | PB | 13.890 |
| CAT50ADB-SM2.000-4.000-L1 | 03197156 | CAT50 ADB | 2.000 | 4.000 | 4.874 | 8.937 | 3.250 | 0.937 | 1 | PB | 18.740 |
| CAT50ADB-SM2.500-2.400-L1 | 03197155 | CAT50 ADB | 2.500 | 2.400 | 4.874 | 7.525 | 1.650 | 1.125 | 1 | PB | 14.330 |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Spare Parts, included in delivery

| Guide | For | Bolt | Plug | Screw |
|---------------------------------|---------------------------|---|---|---|
| | |  |  |  |
| HSK-A | CAT40ADB-SM0.500-1.500-L1 | 58281270 | 564301701 | 950DNF025050 |
| | CAT40ADB-SM0.750-1.500-L1 | 58281905 | 564301701 | 950DNF037100 |
| | CAT40ADB-SM0.750-1.750-L1 | 58281905 | 564301701 | 950DNF037100 |
| | CAT40ADB-SM0.750-4.000-L1 | 58281905 | 564301701 | 950DNF037100 |
| HSK-E | CAT40ADB-SM1.000-2.000-L1 | 58282540 | 564301701 | 950DNF050125 |
| | CAT40ADB-SM1.000-2.250-L1 | 58282540 | 564301701 | 950DNF050125 |
| | CAT40ADB-SM1.000-4.000-L1 | 58282540 | 564301701 | 950DNF050125 |
| | CAT40ADB-SM1.250-2.250-L1 | 58283175 | 564301701 | 950DNF062125 |
| | CAT40ADB-SM1.500-2.250-L1 | 58283810 | 564301701 | 58283810A |
| DIN | CAT40ADB-SM1.500-4.000-L1 | 58283810 | 564301701 | 58283810A |
| | CAT50ADB-SM0.750-2.000-L1 | 58281905 | 564301702 | 950DNF037100 |
| | CAT50ADB-SM0.750-3.500-L1 | 58281905 | 564301702 | 950DNF037100 |
| | CAT50ADB-SM1.000-2.250-L1 | 58282540 | 564301702 | 950DNF050125 |
| | CAT50ADB-SM1.000-4.000-L1 | 58282540 | 564301702 | 950DNF050125 |
| BT JIS | CAT50ADB-SM1.000-6.000-L1 | 58282540 | 564301702 | 950DNF050125 |
| | CAT50ADB-SM1.250-1.500-L1 | 58283175 | 564301702 | 950DNF062125 |
| | CAT50ADB-SM1.500-2.250-L1 | 58283810 | 564301702 | 58283810A |
| | CAT50ADB-SM1.500-4.000-L1 | 58283810 | 564301702 | 58283810A |
| CAT | CAT50ADB-SM1.500-6.000-L1 | 58283810 | 564301702 | 58283810A |
| | CAT50ADB-SM2.000-2.400-L1 | 58285080 | 564301702 | - |
| | CAT50ADB-SM2.000-4.000-L1 | 58285080 | 564301702 | - |
| | CAT50ADB-SM2.500-2.400-L1 | 58286350 | 564301702 | 950DNC062225 |
| Combimaster | | | | |
| Graflex | | | | |
| Seco Capto™ | | | | |
| Others | | | | |
| Operating & setting accessories | | | | |
| Shrinkfit | | | | |

- Inch

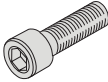



- Best suited for Seco disc mill cutters Type A
 - For ISO attribute explanation, see page 15

Spare parts:
 1 = Slide rod
 2 = Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | FLGT | LSCN | LSCX | RFID hole | Balancing | Weight |
|-----------------|-------------|----------|-------|-------|-------|--------|-------|-------|------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | | | lbs |
| E25225657100350 | 02870716 | CAT40 AD | 1.000 | 3.500 | 1.654 | 6.193 | 2.748 | 0.197 | 0 | 0.591 | 1 | PB | 3.530 |
| E25225657125475 | 02870717 | CAT40 AD | 1.250 | 4.750 | 1.969 | 7.443 | 3.998 | 0.236 | 0 | 0.945 | 1 | PB | 5.290 |
| E25245657100350 | 02870718 | CAT50 AD | 1.000 | 3.500 | 1.654 | 7.506 | 2.748 | 0.197 | 0 | 0.591 | 1 | PB | 8.160 |
| E25245657125475 | 02870719 | CAT50 AD | 1.250 | 4.750 | 1.969 | 8.756 | 3.998 | 0.236 | 0 | 0.945 | 1 | PB | 9.700 |
| E25245657150600 | 02870720 | CAT50 AD | 1.500 | 6.000 | 2.244 | 10.006 | 5.248 | 0.276 | 0 | 1.181 | 1 | PB | 11.900 |
| E25245657200625 | 02870721 | CAT50 AD | 2.000 | 6.250 | 2.835 | 10.256 | 5.500 | 0.315 | 0 | 1.260 | 1 | PB | 15.650 |

Spare Parts, included in delivery

| For | Screw | Slide rod |
|-------|--|---|
| 1.000 |  950D1070 |  5657100 |
| 1.250 | 950D1270 | 5657125 |
| 1.500 | 950D16100 | 5657150 |
| 2.000 | 950D16120 | 5657200 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

Seco Capto™

Others

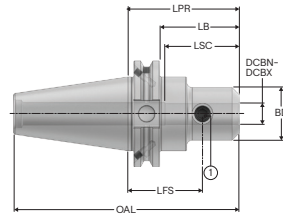
Operating & setting accessories

Shrinkfit

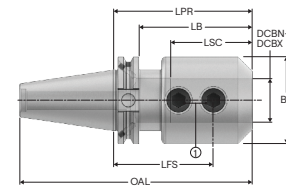
- Metric/ Inch



Design 1



Design 2





-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|---------------------|-------------|-----------|----------------------|-----------------------|-----------------------|----------------------|----------------------|------------------------|-----------------------|--------|-----------|-----------|----------------------|
| | | | | | | | | | | | | | |
| CAT40ADB-EM16-2.750 | 10008188 | CAT40 ADB | 16,0 <i>0.630</i> | 69,85 <i>2.750</i> | 50,8 <i>2.000</i> | 47,0 <i>1.850</i> | 48,0 <i>1.890</i> | 138,1 <i>5.437</i> | 45,85 <i>1.805</i> | 1 | 1 | PB | 1,4 <i>3.090</i> |
| CAT40ADB-EM20-3.500 | 10008189 | CAT40 ADB | 20,0 <i>0.787</i> | 88,9 <i>3.500</i> | 69,85 <i>2.750</i> | 49,0 <i>1.929</i> | 52,0 <i>2.047</i> | 157,15 <i>6.187</i> | 63,9 <i>2.516</i> | 1 | 1 | PB | 1,7 <i>3.750</i> |
| CAT40ADB-EM25-4.000 | 10008190 | CAT40 ADB | 25,0 <i>0.984</i> | 101,6 <i>4.000</i> | 82,55 <i>3.250</i> | 54,0 <i>2.126</i> | 65,0 <i>2.559</i> | 169,85 <i>6.687</i> | 77,6 <i>3.055</i> | 2 | 1 | PB | 2,4 <i>5.290</i> |
| CAT40ADB-EM32-4.000 | 10008191 | CAT40 ADB | 32,0 <i>1.260</i> | 101,6 <i>4.000</i> | 82,55 <i>3.250</i> | 58,0 <i>2.283</i> | 72,0 <i>2.835</i> | 101,6 <i>7.750</i> | 77,6 <i>4.000</i> | 2 | 1 | PB | 2,6 <i>5.730</i> |
| CAT50ADB-EM16-3.750 | 10008193 | CAT50 ADB | 16,0 <i>0.630</i> | 95,25 <i>3.750</i> | 76,2 <i>3.000</i> | 49,0 <i>1.929</i> | 48,0 <i>1.890</i> | 196,85 <i>7.750</i> | 71,25 <i>2.805</i> | 1 | 1 | PB | 3,6 <i>7.940</i> |
| CAT50ADB-EM20-3.750 | 10008194 | CAT50 ADB | 20,0 <i>0.787</i> | 95,25 <i>3.750</i> | 76,2 <i>3.000</i> | 51,0 <i>2.008</i> | 52,0 <i>2.047</i> | 196,85 <i>7.750</i> | 70,25 <i>2.766</i> | 1 | 1 | PB | 3,7 <i>8.160</i> |
| CAT50ADB-EM25-4.000 | 10008195 | CAT50 ADB | 25,0 <i>0.984</i> | 101,6 <i>4.000</i> | 82,55 <i>3.250</i> | 54,0 <i>2.126</i> | 54,0 <i>2.126</i> | 203,2 <i>8.000</i> | 77,6 <i>3.055</i> | 2 | 1 | PB | 4,3 <i>9.480</i> |
| CAT50ADB-EM32-4.000 | 10008196 | CAT50 ADB | 32,0 <i>1.260</i> | 101,6 <i>4.000</i> | 82,55 <i>3.250</i> | 60,0 <i>2.362</i> | 72,0 <i>2.835</i> | 203,2 <i>8.000</i> | 77,6 <i>3.055</i> | 2 | 1 | PB | 4,5 <i>9.920</i> |
| CAT50ADB-EM40-4.500 | 10008197 | CAT50 ADB | 40,0 <i>1.575</i> | 114,3 <i>4.500</i> | 95,25 <i>3.750</i> | 70,0 <i>2.756</i> | 80,0 <i>3.150</i> | 215,9 <i>8.500</i> | 84,3 <i>3.319</i> | 2 | 1 | PB | 5,2 <i>11.460</i> |

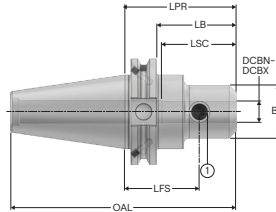
Spare Parts, included in delivery

| For | Locking screw | Plug |
|---------------------|---|---|
| |  |  |
| CAT40ADB-EM16-2.750 | 951C1416 | 564301701 |
| CAT40ADB-EM20-3.500 | 951C1616 | 564301701 |
| CAT40ADB-EM25-4.000 | 951C1820 | 564301701 |
| CAT40ADB-EM32-4.000 | 951C2020 | 564301701 |
| CAT50ADB-EM16-3.750 | 951C1416 | 564301702 |
| CAT50ADB-EM20-3.750 | 951C1616 | 564301702 |
| CAT50ADB-EM25-4.000 | 951C1820 | 564301702 |
| CAT50ADB-EM32-4.000 | 951C2020 | 564301702 |
| CAT50ADB-EM40-4.500 | 951C2020 | 564301702 |

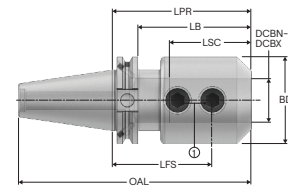
- Inch



Design 1



Design 2



-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|------------------------|-------------|-----------|-----------|-------|-------|-------|-------|--------|-------|--------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| CAT40ADB-EM0.250-2.500 | 03201497 | CAT40 ADB | 0.250 | 2.500 | 1.750 | 0.750 | 0.875 | 5.187 | 2.125 | 1 | 1 | PB | 2.430 |
| CAT40ADB-EM0.375-2.000 | 03201499 | CAT40 ADB | 0.375 | 2.000 | 1.250 | 1.500 | 1.340 | 4.687 | 1.250 | 1 | 1 | PB | 2.650 |
| CAT40ADB-EM0.500-1.750 | 03201501 | CAT40 ADB | 0.500 | 1.750 | 1.000 | 1.764 | 1.750 | 4.437 | 0.875 | 1 | 1 | PB | 2.430 |
| CAT40ADB-EM0.500-2.620 | 03201503 | CAT40 ADB | 0.500 | 2.620 | 1.870 | 1.764 | 1.250 | 5.307 | 1.745 | 1 | 1 | PB | 2.650 |
| CAT40ADB-EM0.625-1.750 | 03201504 | CAT40 ADB | 0.625 | 1.750 | 1.000 | 1.764 | 1.750 | 4.437 | 0.889 | 1 | 1 | PB | 2.200 |
| CAT40ADB-EM0.625-2.500 | 03201505 | CAT40 ADB | 0.625 | 2.500 | 1.750 | 1.890 | 1.875 | 5.187 | 1.562 | 1 | 1 | PB | 2.870 |
| CAT40ADB-EM0.750-1.750 | 03201507 | CAT40 ADB | 0.750 | 1.750 | 1.000 | 2.000 | 1.750 | 4.437 | 0.875 | 1 | 1 | PB | 2.200 |
| CAT40ADB-EM0.750-2.500 | 03201508 | CAT40 ADB | 0.750 | 2.500 | 1.750 | 2.000 | 2.000 | 5.187 | 1.500 | 1 | 1 | PB | 2.870 |
| CAT40ADB-EM0.750-3.500 | 03201509 | CAT40 ADB | 0.750 | 3.500 | 2.750 | 2.000 | 1.750 | 6.187 | 2.500 | 1 | 1 | PB | 7.280 |
| CAT40ADB-EM1.000-1.750 | 03201510 | CAT40 ADB | 1.000 | 1.750 | 1.000 | 2.000 | 1.900 | 4.437 | 0.625 | 1 | 1 | PB | 2.200 |
| CAT40ADB-EM1.000-4.000 | 03201511 | CAT40 ADB | 1.000 | 4.000 | 3.250 | 2.750 | 2.000 | 6.687 | 2.875 | 2 | 1 | PB | 3.750 |
| CAT40ADB-EM1.250-4.000 | 03201512 | CAT40 ADB | 1.250 | 4.000 | 3.250 | 3.250 | 2.500 | 6.687 | 2.875 | 2 | 1 | PB | 4.410 |
| CAT40ADB-EM1.500-4.000 | 03201513 | CAT40 ADB | 1.500 | 4.000 | 3.250 | 2.375 | 2.628 | 6.687 | 2.875 | 2 | 1 | PB | 4.630 |
| CAT50ADB-EM0.375-2.500 | 03201515 | CAT50 ADB | 0.375 | 2.500 | 1.750 | 1.500 | 1.000 | 6.500 | 1.750 | 1 | 1 | PB | 6.830 |
| CAT50ADB-EM0.500-2.620 | 03201516 | CAT50 ADB | 0.500 | 2.620 | 1.875 | 1.750 | 1.250 | 6.625 | 1.775 | 1 | 1 | PB | 6.830 |
| CAT50ADB-EM0.625-3.750 | 03201518 | CAT50 ADB | 0.625 | 2.500 | 3.000 | 1.880 | 1.500 | 7.750 | 2.812 | 1 | 1 | PB | 7.720 |
| CAT50ADB-EM0.750-2.500 | 03201521 | CAT50 ADB | 0.750 | 2.500 | 1.750 | 2.000 | 1.750 | 6.500 | 1.500 | 1 | 1 | PB | 7.050 |
| CAT50ADB-EM0.750-3.750 | 03201522 | CAT50 ADB | 0.750 | 3.750 | 3.000 | 2.000 | 1.750 | 7.750 | 2.750 | 1 | 1 | PB | 8.380 |
| CAT50ADB-EM1.000-1.620 | 03201524 | CAT50 ADB | 1.000 | 1.620 | 0.870 | 2.361 | 2.750 | 5.620 | 0.495 | 2 | 1 | PB | 6.610 |
| CAT50ADB-EM1.000-4.000 | 03201526 | CAT50 ADB | 1.000 | 4.000 | 3.250 | 2.750 | 2.000 | 8.000 | 2.875 | 2 | 1 | PB | 8.380 |
| CAT50ADB-EM1.000-6.000 | 03201527 | CAT50 ADB | 1.000 | 6.000 | 5.250 | 2.750 | 2.000 | 10.000 | 4.875 | 2 | 1 | PB | 10.140 |
| CAT50ADB-EM1.250-4.000 | 03201528 | CAT50 ADB | 1.250 | 4.000 | 3.250 | 2.350 | 2.500 | 8.000 | 2.885 | 2 | 1 | PB | 9.260 |
| CAT50ADB-EM1.500-2.620 | 03201530 | CAT50 ADB | 1.500 | 2.620 | 1.870 | 3.000 | 2.750 | 6.620 | 1.495 | 2 | 1 | PB | 7.500 |
| CAT50ADB-EM1.500-4.000 | 03201531 | CAT50 ADB | 1.500 | 4.000 | 3.250 | 3.000 | 2.750 | 8.000 | 2.875 | 2 | 1 | PB | 9.260 |
| CAT50ADB-EM1.500-6.000 | 03201533 | CAT50 ADB | 1.500 | 6.000 | 5.250 | 3.000 | 2.750 | 10.000 | 4.875 | 2 | 1 | PB | 11.680 |
| CAT50ADB-EM2.000-5.620 | 03201534 | CAT50 ADB | 2.000 | 5.620 | 4.875 | 3.250 | 3.750 | 9.625 | 4.219 | 2 | 1 | PB | 16.530 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex




Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Spare Parts, included in delivery

| Guide | For | Locking screw | Locking screw, reduced | Plug |
|--------|------------------------|---|---|---|
| | |  |  |  |
| HSK-A | CAT40 / 0.250 | 951CNP025025 | - | 564301701 |
| | CAT40 / 0.375 | 951CNP037031 | - | 564301701 |
| | CAT40 / 0.500 | 951CNP043038 | - | 564301701 |
| | CAT40 / 0.625 | 951CNP056044 | - | 564301701 |
| HSK-E | CAT40 / 0.750 | 951CNP062050 | - | 564301701 |
| | CAT40 / 1.000 | 951CNP075050 | - | 564301701 |
| | CAT40 / 1.250-1.500 | 951CNP075062 | - | 564301701 |
| | CAT50 / 0.375 | 951CNP037031 | - | 564301702 |
| DIN | CAT50 / 0.500 | 951CNP043038 | - | 564301702 |
| | CAT50 / 0.625 | 951CNP056044 | - | 564301702 |
| | CAT50 / 0.750 | 951CNP062050 | - | 564301702 |
| | CAT50 / 1.000 | 951CNP075050 | - | 564301702 |
| | CAT50 / 1.250-1.500 | 951CNP075062 | - | 564301702 |
| | CAT50 / 2.000 | 951CNS100087 | - | 564301702 |
| BT JIS | CAT50ADB-EM1.000-1.620 | 951CNP075050 | 951CNP062050 | 564301702 |

CAT

Combimaster

Graflex

Seco Capto™

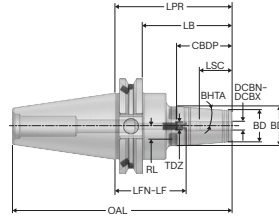
Others

Operating & setting accessories

Shrinkfit

DIN type
- Metric/ Inch

CAT / ASME B5.50-1994-ADB



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CDBP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|----------------|----------------|---------------|------------|------------|------------|------------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| E2502560306312 | 02753286 | CAT40 ADB | 6,0 0.236 | 79,38 3.125 | 60,28 2.373 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 147,78 5.818 | 43,38 1.708 | 53,38 2.102 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E2502560308312 | 02753287 | CAT40 ADB | 8,0 0.315 | 79,38 3.125 | 60,28 2.373 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 147,78 5.818 | 43,38 1.708 | 53,38 2.102 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E2502560310350 | 02753288 | CAT40 ADB | 10,0 0.394 | 88,9 3.500 | 69,8 2.748 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 157,3 6.193 | 47,9 1.886 | 57,9 2.280 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E2502560312350 | 02753290 | CAT40 ADB | 12,0 0.472 | 88,9 3.500 | 69,8 2.748 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 157,3 6.193 | 42,9 1.689 | 52,9 2.083 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E2502560314350 | 02753292 | CAT40 ADB | 14,0 0.551 | 88,9 3.500 | 69,8 2.748 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 157,3 6.193 | 42,9 1.689 | 52,9 2.083 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E2502560316350 | 02753293 | CAT40 ADB | 16,0 0.630 | 88,9 3.500 | 69,8 2.748 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 157,3 6.193 | 39,9 1.571 | 49,9 1.965 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E2502560318375 | 02753294 | CAT40 ADB | 18,0 0.709 | 95,25 3.750 | 76,15 2.998 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 163,65 6.443 | 46,25 1.821 | 56,25 2.215 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E2502560320375 | 02753295 | CAT40 ADB | 20,0 0.787 | 95,25 3.750 | 76,15 2.998 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 163,65 6.443 | 44,25 1.742 | 54,25 2.136 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |
| E2502560325400 | 02753296 | CAT40 ADB | 25,0 0.984 | 101,6 4.000 | 82,5 3.248 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 170,0 6.693 | 44,6 1.756 | 54,6 2.150 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 1,7 3.750 |
| E2504560306400 | 02753297 | CAT50 ADB | 6,0 0.236 | 101,6 4.000 | 82,5 3.248 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 203,35 8.006 | 65,6 2.583 | 75,6 2.976 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 3,3 7.280 |
| E2504560308400 | 02753299 | CAT50 ADB | 8,0 0.315 | 101,6 4.000 | 82,5 3.248 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 203,35 8.006 | 65,6 2.583 | 75,6 2.976 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 3,3 7.280 |
| E2504560310400 | 02753300 | CAT50 ADB | 10,0 0.394 | 101,6 4.000 | 82,5 3.248 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 203,35 8.006 | 60,6 2.386 | 70,6 2.780 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 3,4 7.500 |
| E2504560312400 | 02753301 | CAT50 ADB | 12,0 0.472 | 101,6 4.000 | 82,5 3.248 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 203,35 8.006 | 55,6 2.189 | 65,6 2.583 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 3,3 7.280 |
| E2504560314400 | 02753302 | CAT50 ADB | 14,0 0.551 | 101,6 4.000 | 82,5 3.248 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 203,35 8.006 | 55,6 2.189 | 65,6 2.583 | 14,0 0.551 | M10x1 | 4,5 | 1 | G2.5 | 3,4 7.500 |
| E2504560316400 | 02753303 | CAT50 ADB | 16,0 0.630 | 101,6 4.000 | 82,5 3.248 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 203,35 8.006 | 52,6 2.071 | 62,6 2.465 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 3,4 7.500 |
| E2504560318400 | 02753304 | CAT50 ADB | 18,0 0.709 | 101,6 4.000 | 82,5 3.248 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 203,35 8.006 | 52,6 2.071 | 62,6 2.465 | 18,0 0.709 | M12x1 | 4,5 | 1 | G2.5 | 3,5 7.720 |
| E2504560320400 | 02753305 | CAT50 ADB | 20,0 0.787 | 101,6 4.000 | 82,5 3.248 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 203,35 8.006 | 50,6 1.992 | 60,6 2.386 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3,5 7.720 |
| E2504560325400 | 02753306 | CAT50 ADB | 25,0 0.984 | 101,6 4.000 | 82,5 3.248 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 203,35 8.006 | 44,6 1.756 | 54,6 2.150 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,8 8.380 |
| E2504560332400 | 02753308 | CAT50 ADB | 32,0 1.260 | 101,6 4.000 | 82,5 3.248 | 62,5 2.461 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 203,35 8.006 | 40,6 1.598 | 50,6 1.992 | 23,5 0.925 | M16x1 | 4,5 | 1 | G2.5 | 3,6 7.940 |

Guide
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DIN
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CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Accessories

Guide

For **Balancing screws**



HSK-A

All **90ZQ01**

Spare Parts, included in delivery

HSK-E

For **For** **Sealing Screws** **Stop screw**



DIN

| | | | |
|-------|---------------------|----------|------------|
| CAT40 | 6/ 0.236 | 950A0406 | 19BDR05165 |
| CAT40 | 8/ 0.315 | 950A0406 | 19BDR06165 |
| CAT40 | 10/ 0.394 | 950A0406 | 19BDR08165 |
| CAT40 | 12/ 0.472-14/ 0.551 | 950A0406 | 19BDR10165 |
| CAT40 | 16/ 0.630-18/ 0.709 | 950A0406 | 19BDR12165 |
| CAT40 | 20/ 0.787-32/ 1.260 | 950A0406 | 19BDR16165 |
| CAT50 | 6/ 0.236 | 950A0606 | 19BDR05165 |
| CAT50 | 8/ 0.315 | 950A0606 | 19BDR06165 |
| CAT50 | 10/ 0.394 | 950A0606 | 19BDR08165 |
| CAT50 | 12/ 0.472-14/ 0.551 | 950A0606 | 19BDR10165 |
| CAT50 | 16/ 0.630-18/ 0.709 | 950A0606 | 19BDR12165 |
| CAT50 | 20/ 0.787-32/ 1.260 | 950A0606 | 19BDR16165 |

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

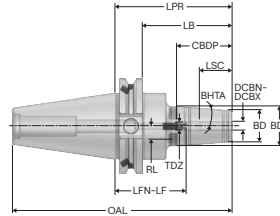
Others

Operating & setting accessories

Shrinkfit

DIN type
- Inch


CAT / ASME B5.50-1994-ADB



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|-----------|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E2502560302595 | 02753252 | CAT40 ADB | 0.250 | 3.740 | 2.988 | 1.476 | 0.866 | 0.827 | 1.063 | 6.433 | 2.323 | 2.717 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2.650 |
| E25025603025160 | 02753249 | CAT40 ADB | 0.250 | 6.299 | 5.547 | 1.476 | 0.866 | 0.827 | 1.063 | 8.992 | 4.882 | 5.276 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 3.310 |
| E2502560303795 | 02753256 | CAT40 ADB | 0.375 | 3.740 | 2.988 | 1.673 | 1.220 | 0.945 | 1.260 | 6.433 | 2.126 | 2.520 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2.870 |
| E25025603037160 | 02753255 | CAT40 ADB | 0.375 | 6.299 | 5.547 | 1.673 | 1.220 | 0.945 | 1.260 | 8.992 | 4.685 | 5.079 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 3.750 |
| E2502560305095 | 02753258 | CAT40 ADB | 0.500 | 3.740 | 2.988 | 1.791 | 1.339 | 0.945 | 1.260 | 6.433 | 2.008 | 2.402 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2.870 |
| E25025603050160 | 02753257 | CAT40 ADB | 0.500 | 6.299 | 5.547 | 1.791 | 1.339 | 0.945 | 1.260 | 8.992 | 4.567 | 4.961 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 3.530 |
| E2502560306295 | 02753260 | CAT40 ADB | 0.625 | 3.740 | 2.988 | 1.988 | 1.535 | 1.063 | 1.339 | 6.433 | 1.811 | 2.205 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 2.870 |
| E25025603062160 | 02753259 | CAT40 ADB | 0.625 | 6.299 | 5.547 | 1.988 | 1.535 | 1.063 | 1.339 | 8.992 | 4.370 | 4.764 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 3.750 |
| E2502560307595 | 02753264 | CAT40 ADB | 0.750 | 3.740 | 2.988 | 2.067 | 1.614 | 1.299 | 1.654 | 6.433 | 1.732 | 2.126 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 3.090 |
| E25025603075160 | 02753261 | CAT40 ADB | 0.750 | 6.299 | 5.547 | 2.067 | 1.614 | 1.299 | 1.654 | 8.992 | 4.291 | 4.685 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 4.190 |
| E25025603100115 | 02753265 | CAT40 ADB | 1.000 | 4.528 | 3.776 | 2.303 | 1.850 | 1.732 | 2.087 | 7.220 | 2.283 | 2.677 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 4.190 |
| E25045603025100 | 02753268 | CAT50 ADB | 0.250 | 3.937 | 3.185 | 1.476 | 0.866 | 0.827 | 1.063 | 7.943 | 2.520 | 2.913 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 7.280 |
| E25045603025160 | 02753269 | CAT50 ADB | 0.250 | 6.299 | 5.547 | 1.476 | 0.866 | 0.827 | 1.063 | 10.305 | 4.882 | 5.276 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 7.720 |
| E25045603037100 | 02753271 | CAT50 ADB | 0.375 | 3.937 | 3.185 | 1.673 | 1.220 | 0.945 | 1.260 | 7.943 | 2.323 | 2.717 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 7.500 |
| E25045603037160 | 02753272 | CAT50 ADB | 0.375 | 6.299 | 5.547 | 1.673 | 1.220 | 0.945 | 1.260 | 10.305 | 4.685 | 5.079 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 8.160 |
| E25045603050100 | 02753273 | CAT50 ADB | 0.500 | 3.937 | 3.185 | 1.791 | 1.339 | 0.945 | 1.260 | 7.943 | 2.205 | 2.598 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 7.280 |
| E25045603050160 | 02753274 | CAT50 ADB | 0.500 | 6.299 | 5.547 | 1.791 | 1.339 | 0.945 | 1.260 | 10.305 | 4.567 | 4.961 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 8.160 |
| E25045603062100 | 02753276 | CAT50 ADB | 0.625 | 3.937 | 3.185 | 1.988 | 1.535 | 1.063 | 1.339 | 7.943 | 2.008 | 2.402 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 7.500 |
| E25045603062160 | 02753277 | CAT50 ADB | 0.625 | 6.299 | 5.547 | 1.988 | 1.535 | 1.063 | 1.339 | 10.305 | 4.370 | 4.764 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 8.160 |
| E25045603075100 | 02753280 | CAT50 ADB | 0.750 | 3.937 | 3.185 | 2.067 | 1.614 | 1.299 | 1.654 | 7.943 | 1.929 | 2.323 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 7.720 |
| E25045603075160 | 02753281 | CAT50 ADB | 0.750 | 6.299 | 5.547 | 2.067 | 1.614 | 1.299 | 1.654 | 10.305 | 4.291 | 4.685 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 9.040 |
| E25045603100100 | 02753282 | CAT50 ADB | 1.000 | 3.947 | 3.195 | 2.303 | 1.850 | 1.732 | 2.087 | 7.953 | 1.703 | 2.096 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 8.380 |
| E25045603100160 | 02753283 | CAT50 ADB | 1.000 | 6.299 | 5.547 | 2.303 | 1.850 | 1.732 | 2.087 | 10.305 | 4.055 | 4.449 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 10.360 |
| E25045603125110 | 02753284 | CAT50 ADB | 1.250 | 4.331 | 3.579 | 2.461 | 2.008 | 1.732 | 2.087 | 8.337 | 1.929 | 2.323 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 8.160 |

Accessories

| | |
|-----|---|
| For | Balancing screws |
| |  |
| All | 90ZQ01 |

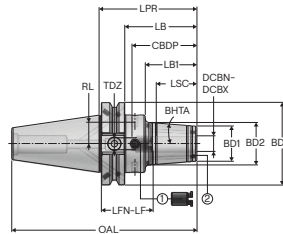
Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Spare Parts, included in delivery

| Guide | For | Sealing Screws | Stop screw |
|---------------------------------|--------------------|---|---|
| | |  |  |
| HSK-A | CAT40/ 0.250 | 950A0406 | 19BDR05165 |
| | CAT40/ 0.375 | 950A0406 | 19BDR08165 |
| | CAT40/ 0.500 | 950A0406 | 19BDR10165 |
| | CAT40/ 0.625 | 950A0406 | 19BDR12165 |
| | CAT40/ 0.750-1.000 | 950A0406 | 19BDR16165 |
| HSK-E | CAT50/ 0.250 | 950A0606 | 19BDR05165 |
| | CAT50/ 0.375 | 950A0606 | 19BDR08165 |
| | CAT50/ 0.500 | 950A0606 | 19BDR10165 |
| | CAT50/ 0.625 | 950A0606 | 19BDR12165 |
| DIN | CAT50/ 0.750-1.250 | 950A0606 | 19BDR16165 |
| BT JIS | | | |
| CAT | | | |
| Combimaster | | | |
| Graflex | | | |
| Seco Capto™ | | | |
| Others | | | |
| Operating & setting accessories | | | |
| Shrinkfit | | | |

Reinforced type
- Metric/ Inch

CAT / ASME B5.50-1994-ADB



- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------|-------------|-----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-------|-------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| E250256001275 | 02904796 | CAT40 ADB | 12,0 0.472 | 75,0 2.953 | 55,9 2.201 | 40,0 1.575 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 44,45 1.750 | 143,4 5.646 | 29,0 1.142 | 39,0 1.535 | 13,5 0.531 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E250256001680 | 02904797 | CAT40 ADB | 16,0 0.630 | 80,0 3.150 | 60,9 2.398 | 45,0 1.772 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 44,45 1.750 | 148,4 5.843 | 31,0 1.220 | 41,0 1.614 | 17,0 0.669 | M12x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E250256002080 | 02904798 | CAT40 ADB | 20,0 0.787 | 80,0 3.150 | 60,9 2.398 | 45,0 1.772 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 44,45 1.750 | 148,4 5.843 | 29,0 1.142 | 39,0 1.535 | 21,5 0.846 | M16x1 | 4,5 | 1 | G2.5 | 1,5 3.310 |

Accessories

| For | Balancing screws |
|-----|------------------|
| | |
| All | 90ZQ01 |

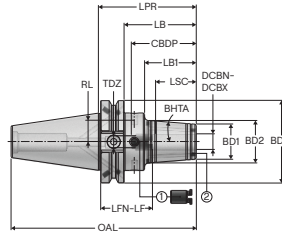
Spare Parts, included in delivery

| For | Sealing plugs | Sealing Screws | Stop screw |
|---------------|---------------|----------------|------------|
| | | | |
| E250256001275 | 90AI03 | 950A0406 | 19BDR10165 |
| E250256001680 | 90AI03 | 950A0406 | 19BDR12165 |
| E250256002080 | 90AI04 | 950A0406 | 19BDR16165 |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Reinforced type
- Inch

CAT / ASME B5.50-1994-ADB




- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For ISO attribute explanation, see page 15




- Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | | | | | | | | | | | | | | | | | | |
| E25025600050287 | 02904855 | CAT40 ADB | 0.500 | 2.874 | 2.122 | 1.496 | 1.870 | 1.339 | 1.063 | 1.385 | 1.750 | 5.567 | 1.063 | 1.457 | 0.531 | M10x1 | 4,5 | 1 | G2.5 | 2.650 |
| E25025600062300 | 02904856 | CAT40 ADB | 0.625 | 3.000 | 2.248 | 1.622 | 1.988 | 1.535 | 1.299 | 1.659 | 1.750 | 5.693 | 1.071 | 1.465 | 0.669 | M12x1 | 4,5 | 1 | G2.5 | 2.870 |
| E25025600075312 | 02904857 | CAT40 ADB | 0.750 | 3.125 | 2.373 | 1.747 | 1.747 | 1.614 | 1.732 | 2.092 | 1.750 | 5.818 | 1.117 | 1.511 | 0.846 | M16x1 | 4,5 | 1 | G2.5 | 3.310 |
| E25045600050325 | 02904858 | CAT50 ADB | 0.500 | 3.252 | 2.500 | 1.874 | 1.870 | 1.339 | 1.063 | 1.385 | 2.754 | 7.258 | 1.441 | 1.835 | 0.531 | M10x1 | 4,5 | 1 | G2.5 | 7.280 |
| E25045600062325 | 02904859 | CAT50 ADB | 0.625 | 3.252 | 2.500 | 1.874 | 1.988 | 1.535 | 1.299 | 1.659 | 2.754 | 7.258 | 1.323 | 1.717 | 0.669 | M12x1 | 4,5 | 1 | G2.5 | 7.500 |
| E25045600075350 | 02904860 | CAT50 ADB | 0.750 | 3.500 | 2.748 | 2.122 | 2.067 | 1.614 | 1.732 | 2.092 | 2.754 | 7.506 | 1.492 | 1.886 | 0.846 | M16x1 | 4,5 | 1 | G2.5 | 8.160 |
| E25045600100400 | 02904861 | CAT50 ADB | 1.000 | 4.000 | 3.248 | 2.622 | 2.303 | 1.850 | 1.890 | 2.249 | 2.754 | 8.006 | 1.756 | 2.150 | 0.984 | M16x1 | 4,5 | 1 | G2.5 | 8.820 |
| E25045600125400 | 02904862 | CAT50 ADB | 1.250 | 4.000 | 3.248 | 2.622 | 2.461 | 2.008 | 1.890 | 2.249 | 2.754 | 8.006 | 1.598 | 1.992 | 0.984 | M16x1 | 4,5 | 1 | G2.5 | 8.600 |

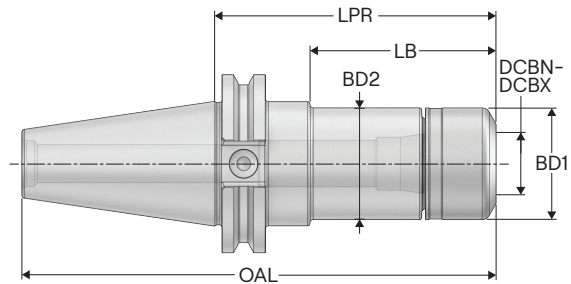
Accessories

| For | Balancing screws |
|-----|---|
| |  |
| All | 90ZQ01 |

Spare Parts, included in delivery

| For | Sealing plugs | Sealing Screws | Stop screw |
|--------------------|---|---|---|
| |  |  |  |
| CAT40/ 0.500 | 90AI03 | 950A0406 | 19BDR10165 |
| CAT40/ 0.625 | 90AI03 | 950A0406 | 19BDR12165 |
| CAT40/ 0.750 | 90AI04 | 950A0406 | 19BDR16165 |
| CAT50/ 0.500 | 90AI03 | 950A0606 | 19BDR10165 |
| CAT50/ 0.625 | 90AI03 | 950A0606 | 19BDR12165 |
| CAT50/ 0.750-1.250 | 90AI04 | 950A0606 | 19BDR16165 |


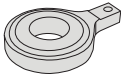

- Metric/ Inch



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX
- For ER HP collets type 5672, see page(s) 389, 390, 391-397
- For stop screws, see instructions at www.secotools.com
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | BD1 | BD2 | OAL | RFID hole | Balancing | Weight |
|-----------------------|-------------|---------|-----------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | lbs |
| CAT40AD-ERHP11R-4.000 | 10358886 | CAT40AD | 0.039 | 4.000 | 2.622 | 0.630 | 0.630 | 6.693 | 1 | G2.5 | 2.430 |
| CAT40AD-ERHP16-2.500 | 10358887 | CAT40AD | 0.039 | 2.500 | 1.122 | 1.181 | 1.181 | 5.193 | 1 | G2.5 | 2.430 |
| CAT40AD-ERHP16-5.000 | 10358888 | CAT40AD | 0.039 | 5.000 | 3.622 | 1.181 | 1.181 | 7.693 | 1 | G2.5 | 3.310 |
| CAT40AD-ERHP16-6.000 | 10358889 | CAT40AD | 0.039 | 6.000 | 4.622 | 1.181 | 1.181 | 8.693 | 1 | G2.5 | 3.530 |
| CAT40AD-ERHP20-3.000 | 10358890 | CAT40AD | 0.039 | 3.000 | 1.622 | 1.260 | 1.260 | 5.693 | 1 | G2.5 | 2.650 |
| CAT40AD-ERHP20-4.000 | 10358891 | CAT40AD | 0.039 | 4.000 | 2.622 | 1.260 | 1.260 | 6.693 | 1 | G2.5 | 2.870 |
| CAT40AD-ERHP25-3.000 | 10358892 | CAT40AD | 0.039 | 3.000 | 1.622 | 1.575 | 1.575 | 5.693 | 1 | G2.5 | 2.650 |
| CAT40AD-ERHP25-4.000 | 10358893 | CAT40AD | 0.039 | 4.000 | 2.622 | 1.575 | 1.575 | 6.693 | 1 | G2.5 | 3.310 |
| CAT40AD-ERHP25-6.000 | 10358894 | CAT40AD | 0.039 | 6.000 | 4.622 | 1.575 | 1.575 | 8.693 | 1 | G2.5 | 4.190 |
| CAT40AD-ERHP32-3.000 | 10358895 | CAT40AD | 0.079 | 3.000 | 2.248 | 1.969 | 1.969 | 5.693 | 1 | G2.5 | 2.870 |
| CAT40AD-ERHP32-4.000 | 10358896 | CAT40AD | 0.079 | 4.000 | 3.248 | 1.969 | 1.969 | 6.693 | 1 | G2.5 | 3.750 |
| CAT40AD-ERHP32-6.000 | 10358897 | CAT40AD | 0.079 | 6.000 | 5.248 | 1.969 | 1.969 | 8.693 | 1 | G2.5 | 5.290 |
| CAT50AD-ERHP25-4.000 | 10358898 | CAT50AD | 0.039 | 4.000 | 2.622 | 1.575 | 1.575 | 8.006 | 1 | G2.5 | 7.720 |
| CAT50AD-ERHP32-4.000 | 10358899 | CAT50AD | 0.079 | 4.000 | 2.622 | 1.969 | 1.969 | 8.006 | 1 | G2.5 | 8.160 |
| CAT50AD-ERHP32-6.000 | 10358900 | CAT50AD | 0.079 | 6.000 | 4.622 | 1.969 | 1.969 | 10.006 | 1 | G2.5 | 9.700 |

Accessories

| For | Key | Socket | Torque key |
|---------|---|---|---|
| |  |  |  |
| ERHP11R | 03LME0912140 | 03ER016 | 03DYE003025 |
| ERHP16 | 03LME1418260 | 03ER030B | 03DYE010100B |
| ERHP20 | 03LME1418260 | 03ER032B | 03DYE010100B |
| ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex


Seco Capto™

Others

Operating & setting accessories

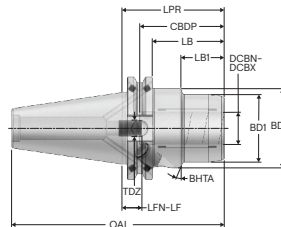
Shrinkfit

Spare Parts, included in delivery

| Guide | For | Nut |
|---------------------------------|---|--|
| HSK-A | ERHP11R ERHP16 ERHP20 ERHP25 ERHP32 |  08B567211RC 08B567216C 08B567220C 08B567225C 08B567232C |
| HSK-E | | |
| DIN | | |
| BT JIS | | |
| CAT | | |
| Combimaster | | |
| Graflex | | |
| Seco Capto™ | | |
| Others | | |
| Operating & setting accessories | | |
| Shrinkfit | | |

Conventional type
- Metric/ Inch

CAT / ASME B5.50-2009-ADB

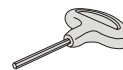


- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|-----------|---------------|---------------|----------------|----------------|---------------|---------------|---------------|-----------------|---------------|---------------|-------|-------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| CAT40ADB-HC06-063 | 10137281 | CAT40 ADB | 6,0 0.236 | 63,5 2.500 | 44,45 1.750 | 24,56 0.967 | 38,5 1.516 | 44,5 1.750 | 26,0 1.024 | 131,75 5.187 | 26,5 1.043 | 36,5 1.437 | M5 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| CAT40ADB-HC08-063 | 10137282 | CAT40 ADB | 8,0 0.315 | 63,5 2.500 | 44,45 1.750 | 25,56 1.006 | 38,5 1.516 | 49,0 1.929 | 28,0 1.102 | 131,75 5.187 | 26,5 1.043 | 36,5 1.437 | M5 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| CAT40ADB-HC10-063 | 10137283 | CAT40 ADB | 10,0 0.394 | 63,5 2.500 | 44,45 1.750 | 27,56 1.085 | 42,5 1.673 | 49,0 1.929 | 30,0 1.181 | 131,75 5.187 | 22,5 0.886 | 32,5 1.280 | M5 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| CAT40ADB-HC12-063 | 10137284 | CAT40 ADB | 12,0 0.472 | 63,5 2.500 | 44,45 1.750 | 26,56 1.046 | 47,5 1.870 | 49,0 1.929 | 32,0 1.260 | 131,75 5.187 | 17,5 0.689 | 27,5 1.083 | M10x1 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| CAT40ADB-HC16-063 | 10137285 | CAT40 ADB | 16,0 0.630 | 63,5 2.500 | 44,45 1.750 | 27,56 1.085 | 51,0 2.008 | 49,0 1.929 | 38,0 1.496 | 131,75 5.187 | 14,5 0.571 | 24,5 0.965 | M10x1 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| CAT40ADB-HC20-063 | 10137286 | CAT40 ADB | 20,0 0.787 | 63,5 2.500 | 44,45 1.750 | 25,56 1.006 | 52,5 2.067 | 49,0 1.929 | 42,0 1.654 | 131,75 5.187 | 12,5 0.492 | 22,5 0.886 | M10x1 | 20,0 | 1 | G2.5 | 1,2 2.650 |
| CAT50ADB-HC12-081 | 10137293 | CAT50 ADB | 12,0 0.472 | 81,0 3.189 | 61,95 2.439 | 40,0 1.575 | 47,5 1.870 | 49,0 1.929 | 32,0 1.260 | 182,6 7.189 | 35,0 1.378 | 45,0 1.772 | M10x1 | 20,0 | 1 | G2.5 | 3,1 6.830 |
| CAT50ADB-HC20-081 | 10137294 | CAT50 ADB | 20,0 0.787 | 81,0 3.189 | 61,95 2.439 | 46,0 1.811 | 52,5 2.067 | 51,0 2.008 | 42,0 1.654 | 182,6 7.189 | 30,0 1.181 | 40,0 1.575 | M10x1 | 20,0 | 1 | G2.5 | 3,2 7.050 |
| CAT50ADB-HC25-081 | 10137295 | CAT50 ADB | 25,0 0.984 | 81,0 3.189 | 61,95 2.439 | 36,0 1.417 | 58,5 2.303 | 68,0 2.677 | 48,0 1.890 | 182,6 7.189 | 24,0 0.945 | 34,0 1.339 | M10x1 | 20,0 | 1 | G2.5 | 3,6 7.940 |
| CAT50ADB-HC32-081 | 10137296 | CAT50 ADB | 32,0 1.260 | 81,0 3.189 | 61,95 2.439 | 40,0 1.575 | 62,5 2.461 | 75,0 2.953 | 62,0 2.441 | 182,6 7.189 | 20,0 0.787 | 30,0 1.181 | M10x1 | 20,0 | 1 | G2.5 | 3,8 8.380 |

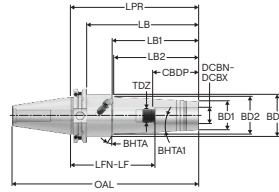
Accessories

| For | Key |
|---------------------|---------|
| CAT40 | H05-4 |
| CAT50, DCBN = 12-25 | H05-4 |
| CAT50, DCBN = 32 | 03MS06L |



Guide
 HSK-A
 HSK-E
 DIN
 BT JIS
 CAT
 Combimaster
 Graffex
 Seco Capto™
 Others
 Operating & setting accessories
 Shrinkfit


Conventional type
- Inch



-Run-out $\leq 3 \mu\text{m}$
-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

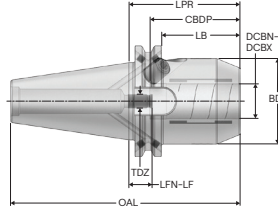
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------------|-------------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| CAT40ADB-HCS0.500-5.906 | 10214923 | CAT40 ADB | 0.500 | 5.906 | 5.156 | 4.087 | 1.890 | 1.949 | 1.024 | 8.593 | 4.075 | 4.469 | M10x1.0 | 30,0 | 1 | G2.5 | 3.970 |
| CAT40ADB-HCS0.625-5.906 | 10214924 | CAT40 ADB | 0.625 | 5.906 | 5.156 | 4.016 | 2.008 | 1.949 | 1.260 | 8.593 | 3.976 | 4.370 | M12x1.0 | 30,0 | 1 | G2.5 | 4.410 |
| CAT40ADB-HCS0.750-5.906 | 10214925 | CAT40 ADB | 0.750 | 5.906 | 5.156 | 3.994 | 2.087 | 1.949 | 1.339 | 8.593 | 3.898 | 4.291 | M16x1.0 | 30,0 | 1 | G2.5 | 4.410 |
| CAT50ADB-HCS0.500-5.906 | 10214926 | CAT50 ADB | 0.500 | 5.906 | 5.156 | 4.028 | 1.890 | 1.752 | 1.024 | 9.906 | 4.075 | 4.469 | M10x1.0 | 30,0 | 1 | G2.5 | 7.720 |
| CAT50ADB-HCS0.625-5.906 | 10214927 | CAT50 ADB | 0.625 | 5.906 | 5.156 | 3.960 | 2.008 | 1.752 | 1.260 | 9.906 | 3.976 | 4.370 | M12x1.0 | 30,0 | 1 | G2.5 | 7.940 |
| CAT50ADB-HCS0.750-5.906 | 10214928 | CAT50 ADB | 0.750 | 5.906 | 5.156 | 3.944 | 2.087 | 1.752 | 1.339 | 9.906 | 3.898 | 4.291 | M16x1.0 | - | 1 | G2.5 | 8.160 |

Accessories

| For | Key |
|-----|---|
| |  |
| | 03MS04C |

Reinforced type
- Metric/ Inch

CAT / ASME B5.50-2009-ADB

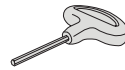


- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CDBP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|--------------------|-------------|-----------|---------------|---------------|----------------|-----|---------------|-----|----------------|-----------------|---------------|---------------|------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | kg lbs |
| CAT40ADB-HCR20-064 | 10137133 | CAT40 ADB | 20,0 0.787 | 64,5 2.539 | 45,45 1.789 | - | 52,5 2.067 | - | 49,25 1.939 | 132,75 5.226 | 13,5 0.531 | 23,5 0.925 | M8x1 | - | 0 | G2.5 | 1,3 2.870 |
| CAT50ADB-HCR32-081 | 10137135 | CAT50 ADB | 32,0 1.260 | 81,0 3.189 | 61,95 2.439 | - | 62,5 2.461 | - | 72,0 2.835 | 182,6 7.189 | 20,0 0.787 | 30,0 1.181 | M8x1 | - | 0 | G2.5 | 4,0 8.820 |

Accessories

| For | Key |
|--------------------|---------|
| CAT40ADB-HCR20-064 | H05-4 |
| CAT50ADB-HCR32-081 | 03MS06L |

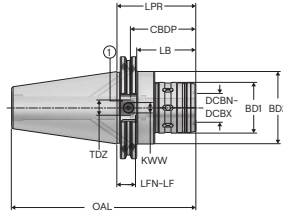


Guide
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Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

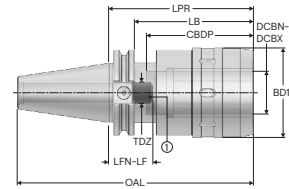
Guide - Inch



Design 1



Design 2





-For reduction sleeves, see page(s) 385-386
 -For 'Stop screws for through coolant', see page(s) 387-388
 -For ISO attribute explanation, see page 15




Spare parts:
 1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBX | OAL | LPR | LB | CDBP | BD1 | BD2 | LFN | LF | KWW | TDZ | Design | RFID hole | Balancing | Weight |
|-------------------------|-------------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------------|--------|-----------|-----------|--------|
| | | | | | | | | | | | | | | | | | |
| CAT40AD-PMC0.750-3.000 | 10185660 | CAT40 AD | 0.750 | 5.693 | 3.000 | 2.248 | 2.480 | 1.929 | 1.760 | 0.520 | 0.717 | 8,0 | UNF 5/8"-18 | - | 1 | PB | 3.090 |
| CAT40AD-PMC1.250-4.250 | 10185646 | CAT40 AD | 1.250 | 6.945 | 4.250 | 3.496 | 3.150 | 2.638 | 1.760 | 1.102 | 1.299 | 8,0 | UNF 5/8" | 2 | 1 | PB | 5.070 |
| CAT50ADB-PMC0.750-3.000 | 03211217 | CAT50 ADB | 0.750 | 7.006 | 3.000 | 1.560 | 2.480 | 1.929 | 2.750 | 0.520 | 0.717 | 8,0 | UNF 5/8" | 1 | 1 | PB | 7.720 |

Accessories

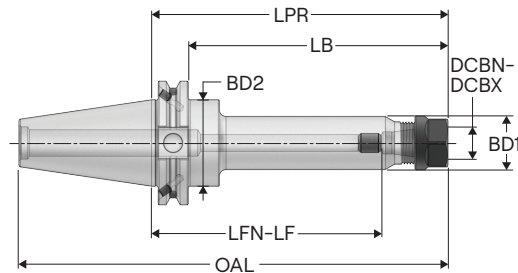
| For | Spanner | Stop screw (J) |
|-------------------------|---|---|
| |  |  |
| CAT40AD-PMC1.250-4.250 | 03BPMC32 | - |
| CAT50ADB-PMC0.750-3.000 | 03BPMC20 | 19BPMC190506E |
| -PMC0.750 | 03BPMC20 | - |

Spare Parts, included in delivery

| For | Extractor for reduction sleeves | Sealing Screws | Stop screw |
|-------------------------|---|---|---|
| |  |  |  |
| CAT40AD-PMC1.250-4.250 | 03EXTPMC | - | 19BEPMC02 |
| CAT50ADB-PMC0.750-3.000 | 03EXTPMC | 950A0606 | 19BEPMC02 |
| -PMC0.750 | 03EXTPMC | - | 19BEPMC02 |

ISO 15488
- Metric/ Inch

CAT / ASME B5.50-2009-ADB



- Run-out 15 µm/ .0006" maximum at 3 x ∅DCBN-DCBX
- For ER extensions and ER collets, see page(s) 362, 363, 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- CAT40ADB-ER16-2.000 following ASME B5.50-2009
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | LFN | LF | RFID hole | Balancing | Weight |
|---------------------|-------------|-----------|--------------|---------------|-------|----------------|---------------|---------------|-----------------|-----------------|-----------------|----------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| CAT40ADB-ER16-2.000 | 03201473 | CAT40 ADB | 0,5 0.020 | 10,0 0.394 | ER 16 | 50,8 2.000 | 21,9 0.860 | 28,0 1.102 | 119,05 4.687 | 31,75 1.250 | -4,2 -0.165 | 16,8 0.661 | 1 | PB | 1,0 2.200 |
| CAT40ADB-ER16-4.000 | 03201474 | CAT40 ADB | 0,5 0.020 | 10,0 0.394 | ER 16 | 101,6 4.000 | 27,6 1.087 | 28,0 1.102 | 169,85 6.687 | 82,55 3.250 | 11,6 0.457 | 67,6 2.661 | 1 | PB | 1,3 2.870 |
| CAT40ADB-ER16-6.000 | 10229696 | CAT40 ADB | 0,5 0.020 | 10,0 0.394 | ER 16 | 152,4 6.000 | 44,0 1.732 | 28,0 1.102 | 220,65 8.687 | 133,35 5.250 | 53,0 2.087 | 118,0 4.646 | 1 | G6.3 | 1,6 3.530 |
| CAT40ADB-ER20-2.000 | 10229697 | CAT40 ADB | 1,0 0.039 | 13,0 0.512 | ER 20 | 50,8 2.000 | 25,0 0.984 | 34,0 1.339 | 119,05 4.687 | 31,75 1.250 | -4,2 -0.165 | 10,8 0.425 | 1 | G6.3 | 1,0 2.200 |
| CAT40ADB-ER20-4.000 | 10229698 | CAT40 ADB | 1,0 0.039 | 13,0 0.512 | ER 20 | 101,6 4.000 | 44,5 1.750 | 34,0 1.339 | 169,85 6.687 | 82,55 3.250 | 27,0 1.063 | 62,0 2.441 | 1 | G6.3 | 1,3 2.870 |
| CAT40ADB-ER20-6.000 | 10229699 | CAT40 ADB | 1,0 0.039 | 13,0 0.512 | ER 20 | 152,4 6.000 | 44,5 1.750 | 34,0 1.339 | 220,65 8.687 | 133,35 5.250 | 78,0 3.071 | 113,0 4.449 | 1 | G6.3 | 1,8 3.970 |
| CAT40ADB-ER25-2.500 | 03201475 | CAT40 ADB | 1,0 0.039 | 16,0 0.630 | ER 25 | 63,5 2.500 | 44,5 1.750 | 42,0 1.654 | 131,75 5.187 | 44,45 1.750 | -11,5 -0.453 | 21,5 0.846 | 1 | PB | 1,1 2.430 |
| CAT40ADB-ER25-4.000 | 03201476 | CAT40 ADB | 1,0 0.039 | 16,0 0.630 | ER 25 | 101,6 4.000 | 41,6 1.638 | 42,0 1.654 | 169,85 6.687 | 82,55 3.250 | 1,6 0.063 | 59,6 2.346 | 1 | PB | 1,5 3.310 |
| CAT40ADB-ER25-6.000 | 10229700 | CAT40 ADB | 1,0 0.039 | 16,0 0.630 | ER 25 | 152,4 6.000 | 44,5 1.750 | 42,0 1.654 | 220,65 8.687 | 133,35 5.250 | 53,0 2.087 | 110,0 4.331 | 1 | G6.3 | 2,0 4.410 |
| CAT40ADB-ER32-3.000 | 03201477 | CAT40 ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 76,2 3.000 | 44,5 1.750 | 50,0 1.969 | 144,45 5.687 | 57,15 2.250 | -8,8 -0.346 | 27,2 1.071 | 1 | PB | 1,3 2.870 |
| CAT40ADB-ER32-4.000 | 03201478 | CAT40 ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 101,6 4.000 | 44,5 1.750 | 50,0 1.969 | 169,85 6.687 | 82,55 3.250 | 1,6 0.063 | 52,6 2.071 | 1 | PB | 1,3 2.870 |
| CAT40ADB-ER32-6.000 | 10229701 | CAT40 ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 152,4 6.000 | 44,5 1.750 | 50,0 1.969 | 220,65 8.687 | 133,35 5.250 | 50,0 1.969 | 103,0 4.055 | 1 | G6.3 | 2,2 4.850 |
| CAT40ADB-ER40-4.000 | 03201479 | CAT40 ADB | 3,0 0.118 | 26,0 1.024 | ER 40 | 101,6 4.000 | 62,6 2.465 | 63,0 2.480 | 169,85 6.687 | 82,55 3.250 | 1,6 0.063 | 46,6 1.835 | 1 | PB | 1,8 3.970 |
| CAT50ADB-ER16-4.000 | 03201480 | CAT50 ADB | 0,5 0.020 | 10,0 0.394 | ER 16 | 101,6 4.000 | 27,6 1.087 | 28,0 1.102 | 203,2 8.000 | 82,55 3.250 | 1,6 0.063 | 61,6 2.425 | 1 | PB | 3,2 7.050 |
| CAT50ADB-ER16-6.000 | 03201481 | CAT50 ADB | 0,5 0.020 | 10,0 0.394 | ER 16 | 152,4 6.000 | 27,6 1.087 | 28,0 1.102 | 254,0 10.000 | 133,35 5.250 | 32,4 1.276 | 112,4 4.425 | 1 | PB | 3,7 8.160 |
| CAT50ADB-ER20-4.000 | 10229702 | CAT40 ADB | 1,0 0.039 | 13,0 0.512 | ER 20 | 101,6 4.000 | 69,9 2.750 | 34,0 1.339 | 203,2 8.000 | 82,55 3.250 | 2,0 0.079 | 61,0 2.402 | 1 | G6.3 | 4,3 9.480 |
| CAT50ADB-ER20-6.000 | 10229703 | CAT50 ADB | 1,0 0.039 | 13,0 0.512 | ER 20 | 152,4 6.000 | 69,9 2.750 | 34,0 1.339 | 254,0 10.000 | 133,35 5.250 | 53,0 2.087 | 112,0 4.409 | 1 | G6.3 | 3,9 8.600 |
| CAT50ADB-ER25-4.000 | 03201482 | CAT50 ADB | 1,0 0.039 | 16,0 0.630 | ER 25 | 101,6 4.000 | 41,6 1.638 | 42,0 1.654 | 203,2 8.000 | 82,55 3.250 | 1,6 0.063 | 59,6 2.346 | 1 | PB | 3,5 7.720 |
| CAT50ADB-ER25-6.000 | 03201483 | CAT50 ADB | 1,0 0.039 | 16,0 0.630 | ER 25 | 152,4 6.000 | 41,6 1.638 | 42,0 1.654 | 254,0 10.000 | 133,35 5.250 | 12,4 0.488 | 110,4 4.346 | 1 | PB | 3,9 8.600 |
| CAT50ADB-ER32-4.000 | 03201484 | CAT50 ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 101,6 4.000 | 49,6 1.953 | 50,0 1.969 | 203,2 8.000 | 82,55 3.250 | -18,4 -0.724 | 50,6 1.992 | 1 | PB | 3,8 8.380 |
| CAT50ADB-ER32-6.000 | 03201485 | CAT50 ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 152,4 6.000 | 49,6 1.953 | 50,0 1.969 | 254,0 10.000 | 133,35 5.250 | 22,4 0.882 | 101,4 3.992 | 1 | PB | 4,3 9.480 |
| CAT50ADB-ER40-4.000 | 03201486 | CAT50 ADB | 3,0 0.118 | 26,0 1.024 | ER 40 | 101,6 4.000 | 62,6 2.465 | 63,0 2.480 | 203,2 8.000 | 82,55 3.250 | -18,4 -0.724 | 46,6 1.835 | 1 | PB | 4,1 9.040 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex


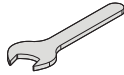
Seco Capto™

Others



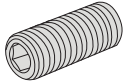
Operating & setting accessories

Shrinkfit

Accessories

| Guide | For | Seal nut | Spanner |
|-------|-------------|---|---|
| | |  |  |
| HSK-A | CAT40/ ER16 | 08B587516IC | 03B587516UM |
| | CAT40/ ER20 | - | 03B587520UM |
| | CAT40/ ER25 | 08B587525IC | 03B587525 |
| | CAT40/ ER32 | 08B587532IC | 03B587532 |
| HSK-E | CAT40/ ER40 | 08B587540IC | 03B587540 |
| | CAT50/ ER16 | 08B587516IC | 03B587516UM |
| | CAT50/ ER20 | - | 03B587520UM |
| | CAT50/ ER25 | 08B587525IC | 03B587525 |
| | CAT50/ ER32 | 08B587532IC | 03B587532 |
| DIN | CAT50/ ER40 | 08B587540IC | 03B587540 |

Spare Parts, included in delivery

| | For | Nut | Plug | Stop screw |
|-------------|---------------------------|---|---|---|
| BT JIS | |  |  |  |
| CAT | CAT40/ ER16-2.000 / 4.000 | 5533050-06 | 564301701 | 19BS567510 |
| | CAT40/ ER16-6.000 | 5533050-06 | - | 19BS567510 |
| | CAT40/ ER20 | 5533050-08 | - | 19BS567512 |
| | CAT40/ ER25-2.500 / 4.000 | 5533050-02 | 564301701 | 19BS567518 |
| | CAT40/ ER25-6.000 | 5533050-02 | - | 19BS567518 |
| | CAT40/ ER32-3.000 /4.000 | 5533050-03 | 564301701 | 19BS567522 |
| Combimaster | CAT40/ ER32-6.000 | 5533050-03 | - | 19BS567522 |
| | CAT40/ ER40 | 5533050-04 | 564301701 | 19BS567528 |
| | CAT50/ ER16 | 5533050-06 | 564301702 | 19BS567510 |
| | CAT50/ ER20 | 5533050-08 | - | 19BS567512 |
| | CAT50/ ER25 | 5533050-02 | 564301702 | 19BS567518 |
| Graflex | CAT50/ ER32 | 5533050-03 | 564301702 | 19BS567522 |
| | CAT50/ ER40 | 5533050-04 | 564301702 | 19BS567528 |

Seco Capto™

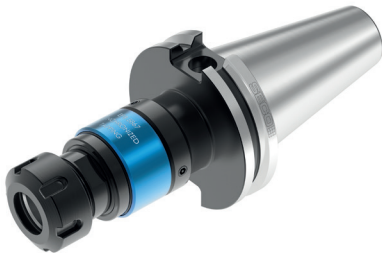
Others

Operating & setting accessories

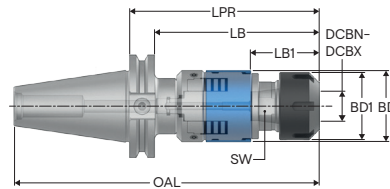
Shrinkfit

For synchronized tapping, with micro-compensation
- Inch

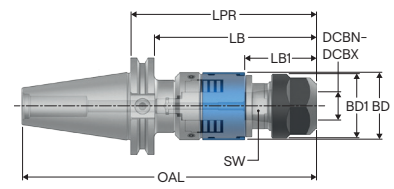
CAT / ASME B5.50-2009-AD



Design 1



Design 2



- Maximum coolant pressure 80 bar/ 1160 psi
- For ER tapping collets with square drive, see page(s) 407, 408-409
- For TCER 5867 sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD | BD1 | OAL | SW | Design | RFID hole | Balancing | Weight |
|----------------|-------------|----------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | | | | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| E2622586720102 | 03131168 | CAT40 AD | ER 20 | M4 | M12 | 3.827 | 3.079 | 1.390 | 1.339 | 1.378 | 6.514 | 0.866 | 1 | 0 | - | 2.870 |
| E2622586725122 | 03131169 | CAT40 AD | ER 25 | M8 | M20 | 4.591 | 3.839 | 1.461 | 1.654 | 1.732 | 7.278 | 1.102 | 1 | 0 | - | 3.530 |
| E2624586720106 | 03131170 | CAT50 AD | ER 20 | M4 | M12 | 3.984 | 3.236 | 1.390 | 1.339 | 1.378 | 7.984 | 0.866 | 1 | 0 | - | 6.610 |
| E2624586725126 | 03131171 | CAT50 AD | ER 25 | M8 | M20 | 4.748 | 3.996 | 1.461 | 1.654 | 1.732 | 8.748 | 1.102 | 1 | 0 | - | 7.500 |
| E2624586740155 | 03131172 | CAT50 AD | ER 40 | M16 | M33 | 5.890 | 5.130 | 1.835 | 2.480 | 2.441 | 9.890 | 1.559 | 1 | 0 | - | 10.360 |

Accessories

| For | Locking key | Seal nut | Spanner |
|-------|-------------|------------|-------------|
| | | | |
| ER 20 | 5680092-04 | 5533051-02 | 03B587520UM |
| ER 25 | 5680092-05 | 5533051-03 | 03B587525 |
| ER 40 | 5680092-06 | 5533051-05 | 03B587540 |

Spare Parts, included in delivery

| For | Nut |
|-------|------------|
| | |
| ER 20 | 5533050-08 |
| ER 25 | 5533050-02 |
| ER 40 | 5533050-04 |

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Shrinkfit

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HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating &
setting acces-
sories

Shrinkfit



CAT TF

The Seco range of rotating holders allows you to get the most out of both your machine and tool by offering a comprehensive array of solutions to connect them. The range covers all standard workpiece side connections, as well as Seco's unique connections. **CAT-V TF** brings a better accuracy and is ideal for long tools.

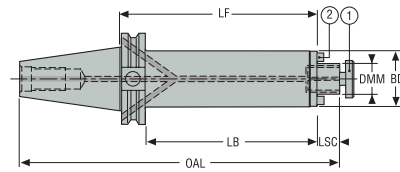
- Steadyline, vibration damping shell mill holders
- Shell mill holders, with through coolant channels
- Side lock holders, Weldon
- Shrinkfit holders
- High precision collet chucks
- Power milling chucks
- ER collet chucks

Steadyline[®], vibration damping
- Inch

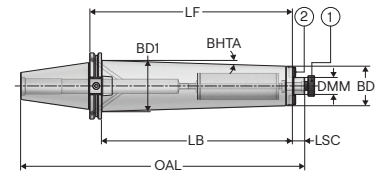
CAT TF / ASME B5.50-2009-ADB



Design 1 (5555)



Design 2 (5556)



-For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | BD1 | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|--------------|-------|--------|-------|-------|--------|--------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E26445556075900 | 02998686 | CAT50 TF ADB | 0.750 | 9.000 | 1.750 | 2.520 | 13.695 | 8.248 | 0.689 | 2 | 2,6 | 1 | PB | 14.550 |
| E26445556100C00 | 02926888 | CAT50 TF ADB | 1.000 | 12.000 | 2.250 | 3.000 | 16.695 | 11.250 | 0.689 | 2 | 1,8 | 1 | PB | 24.030 |

Spare Parts, included in delivery

| For | Bolt | Screw | Sealing Screws | Tenon |
|-----------------|--|--|--|---|
| E26445556075900 |  58211905 |  950D0312 |  950A0606 |  16C2080712A |
| E26445556100C00 |  58212540 |  950D0416 |  950A0606 |  16C2091014A |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

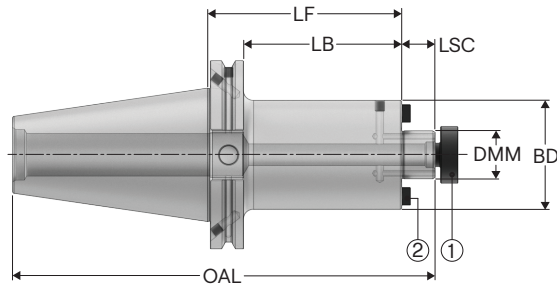
With through coolant channels
- Inch

CAT TF / ASME B5.50-2009-ADB

Guide

HSK-A

HSK-E



DIN

-For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw (not removable)

BT JIS

CAT

Combimaster

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|-----------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | lbs |
| CAT40TFADB-SM0.750-4.000-L1 | 10008257 | CAT40 TF ADB | 0.750 | 4.000 | 1.750 | 7.374 | 3.250 | 0.687 | 1 | PB | 4.190 |
| CAT40TFADB-SM1.000-4.000-L1 | 10008258 | CAT40 TF ADB | 1.000 | 4.000 | 2.250 | 7.374 | 3.250 | 0.687 | 1 | PB | 5.950 |
| CAT40TFADB-SM1.250-4.000-L1 | 10008260 | CAT40 TF ADB | 1.250 | 4.000 | 2.750 | 7.374 | 3.250 | 0.687 | 1 | PB | 7.280 |
| CAT40TFADB-SM1.500-4.000-L1 | 10008261 | CAT40 TF ADB | 1.500 | 4.000 | 3.500 | 7.624 | 3.250 | 0.937 | 1 | PB | 10.580 |
| CAT50TFADB-SM0.750-4.000-L1 | 10008262 | CAT50 TF ADB | 0.750 | 4.000 | 1.750 | 8.687 | 3.250 | 0.687 | 1 | PB | 7.940 |
| CAT50TFADB-SM1.000-4.000-L1 | 10008263 | CAT50 TF ADB | 1.000 | 4.000 | 2.250 | 8.687 | 3.250 | 0.687 | 1 | PB | 9.920 |
| CAT50TFADB-SM1.250-4.000-L1 | 10008264 | CAT50 TF ADB | 1.250 | 4.000 | 2.750 | 8.687 | 3.250 | 0.687 | 1 | PB | 11.460 |
| CAT50TFADB-SM1.500-4.000-L1 | 10008265 | CAT50 TF ADB | 1.500 | 4.000 | 3.500 | 8.937 | 3.250 | 0.937 | 1 | PB | 15.210 |
| CAT50TFADB-SM2.000-4.000-L1 | 10008266 | CAT50 TF ADB | 2.000 | 4.000 | 4.882 | 8.937 | 3.250 | 0.937 | 1 | PB | 22.050 |

Spare Parts, included in delivery



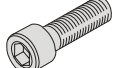
Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

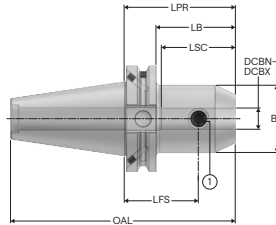
| For | Bolt | Plug | Screw |
|-----------------------------|---|---|---|
| |  |  |  |
| CAT40TFADB-SM0.750-4.000-L1 | 58281905 | 564301701 | 950DNF037100 |
| CAT40TFADB-SM1.000-4.000-L1 | 58282540 | 564301701 | 950DNF050125 |
| CAT40TFADB-SM1.250-4.000-L1 | 58283175 | 564301701 | 950DNF062125 |
| CAT40TFADB-SM1.500-4.000-L1 | 58283810 | 564301701 | 58283810A |
| CAT50TFADB-SM0.750-4.000-L1 | 58281905 | 564301702 | 950DNF037100 |
| CAT50TFADB-SM1.000-4.000-L1 | 58282540 | 564301702 | 950DNF050125 |
| CAT50TFADB-SM1.250-4.000-L1 | 58283175 | 564301702 | 950DNF062125 |
| CAT50TFADB-SM1.500-4.000-L1 | 58283810 | 564301702 | 58283810A |
| CAT50TFADB-SM2.000-4.000-L1 | 58285080 | 564301702 | - |

DIN 1835 Form B/ DIN 6535 Form HB
- Inch

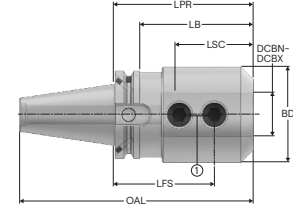
CAT TF / ASME B5.50-2009-ADB



Design 1



Design 2





-For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LSC | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|--------------------------|-------------|--------------|-----------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| CAT40TFADB-EM0.500-2.620 | 10008198 | CAT40 TF ADB | 0.500 | 2.581 | 1.870 | 1.750 | 1.594 | 5.307 | 1.745 | 1 | 1 | PB | 2.650 |
| CAT40TFADB-EM0.625-3.000 | 10008199 | CAT40 TF ADB | 0.625 | 3.000 | 2.250 | 1.870 | 1.850 | 5.687 | 2.062 | 1 | 1 | PB | 3.310 |
| CAT40TFADB-EM0.750-3.000 | 10008200 | CAT40 TF ADB | 0.750 | 3.000 | 2.250 | 2.008 | 1.980 | 5.687 | 2.000 | 1 | 1 | PB | 3.530 |
| CAT40TFADB-EM1.000-4.000 | 10008201 | CAT40 TF ADB | 1.000 | 4.000 | 3.250 | 2.244 | 2.480 | 6.687 | 2.875 | 2 | 1 | PB | 5.290 |
| CAT40TFADB-EM1.250-4.000 | 10008202 | CAT40 TF ADB | 1.250 | 4.000 | 3.250 | 2.244 | 2.728 | 6.687 | 2.875 | 2 | 1 | PB | 5.730 |
| CAT50TFADB-EM0.500-4.620 | 10008203 | CAT50 TF ADB | 0.500 | 4.620 | 3.870 | 1.750 | 1.594 | 8.620 | 3.745 | 1 | 1 | PB | 7.500 |
| CAT50TFADB-EM0.625-5.750 | 10008204 | CAT50 TF ADB | 0.625 | 5.750 | 5.000 | 1.870 | 1.850 | 9.750 | 4.812 | 1 | 1 | PB | 8.820 |
| CAT50TFADB-EM0.750-2.620 | 10008205 | CAT50 TF ADB | 0.750 | 2.620 | 1.870 | 2.000 | 1.980 | 6.620 | 1.620 | 1 | 1 | PB | 6.830 |
| CAT50TFADB-EM0.750-4.000 | 10008206 | CAT50 TF ADB | 0.750 | 4.000 | 3.250 | 2.000 | 1.980 | 8.000 | 3.000 | 1 | 1 | PB | 7.940 |
| CAT50TFADB-EM1.000-4.000 | 10008207 | CAT50 TF ADB | 1.000 | 4.000 | 3.368 | 2.244 | 2.480 | 8.000 | 2.875 | 2 | 1 | PB | 9.040 |
| CAT50TFADB-EM1.250-4.000 | 10008208 | CAT50 TF ADB | 1.250 | 4.000 | 3.250 | 2.244 | 2.730 | 8.000 | 2.875 | 2 | 1 | PB | 9.700 |
| CAT50TFADB-EM1.500-4.000 | 10008209 | CAT50 TF ADB | 1.500 | 4.000 | 3.250 | 2.618 | 3.480 | 8.000 | 2.500 | 2 | 1 | PB | 12.130 |
| CAT50TFADB-EM2.000-5.620 | 10008210 | CAT50 TF ADB | 2.000 | 5.625 | 4.875 | 3.189 | 3.980 | 9.625 | 4.219 | 2 | 1 | PB | 18.520 |

Spare Parts, included in delivery

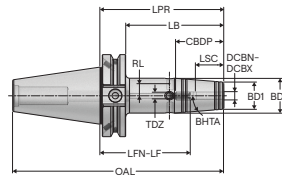
| For | Locking screw | Plug |
|--------------------------|---|---|
| |  |  |
| CAT40TFADB-EM0.500-2.620 | 951CNP043038 | 564301701 |
| CAT40TFADB-EM0.625-3.000 | 951CNP056044 | 564301701 |
| CAT40TFADB-EM0.750-3.000 | 951CNP062050 | 564301701 |
| CAT40TFADB-EM1.000-4.000 | 951CNP075062 | 564301701 |
| CAT40TFADB-EM1.250-4.000 | 951CNP075062 | 564301701 |
| CAT50TFADB-EM0.500-4.620 | 951CNP043038 | 564301702 |
| CAT50TFADB-EM0.625-5.750 | 951CNP056044 | 564301702 |
| CAT50TFADB-EM0.750-2.620 | 951CNP062050 | 564301702 |
| CAT50TFADB-EM0.750-4.000 | 951CNP062050 | 564301702 |
| CAT50TFADB-EM1.000-4.000 | 951CNP075062 | 564301702 |
| CAT50TFADB-EM1.250-4.000 | 951CNP075062 | 564301702 |
| CAT50TFADB-EM1.500-4.000 | 951CNP075062 | 564301702 |
| CAT50TFADB-EM2.000-5.620 | 951CNS100087 | 564301702 |

Guide
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CAT
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Graffex
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Others
Operating & setting accessories
Shrinkfit

Guide

- Metric/ Inch

HSK-A



HSK-E

DIN

- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

BT JIS


| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------|-------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| E264256030695 | 02998704 | CAT40 TF ADB | 6,0 0.236 | 95,0 3.740 | 75,9 2.988 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 163,4 6.433 | 59,0 2.323 | 69,0 2.717 | 10,5 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E264256030895 | 02998705 | CAT40 TF ADB | 8,0 0.315 | 95,0 3.740 | 75,9 2.988 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 163,4 6.433 | 59,0 2.323 | 69,0 2.717 | 10,5 0.413 | M6x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E264256031095 | 02998706 | CAT40 TF ADB | 10,0 0.394 | 95,0 3.740 | 75,9 2.988 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 163,4 6.433 | 54,0 2.126 | 64,0 2.520 | 13,0 0.512 | M8x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E264256031295 | 02998707 | CAT40 TF ADB | 12,0 0.472 | 95,0 3.740 | 75,9 2.988 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 163,4 6.433 | 49,0 1.929 | 59,0 2.323 | 13,0 0.512 | M10x1 | 4,5 | 1 | G2.5 | 1,2 2.650 |
| E264256031695 | 02998708 | CAT40 TF ADB | 16,0 0.630 | 95,0 3.740 | 75,9 2.988 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 163,4 6.433 | 46,0 1.811 | 56,0 2.205 | 14,0 0.551 | M12x1 | 4,5 | 1 | G2.5 | 1,3 2.870 |
| E264256032095 | 02998709 | CAT40 TF ADB | 20,0 0.787 | 95,0 3.740 | 75,9 2.988 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 163,4 6.433 | 44,0 1.732 | 54,0 2.126 | 18,0 0.709 | M16x1 | 4,5 | 1 | G2.5 | 1,4 3.090 |

CAT

Combimaster

Accessories


Graflex

| | |
|-----|---|
| For | Balancing screws |
| |  |
| All | 90ZQ01 |

Seco Capto™

Spare Parts, included in delivery

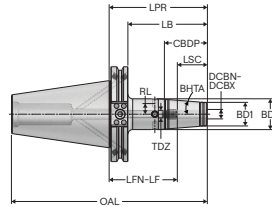
Others

| | | |
|-------|---|---|
| For | Sealing Screws | Stop screw |
| |  |  |
| CAT40 | 6/ 0.236 | 950A0406 |
| CAT40 | 8/ 0.315 | 950A0406 |
| CAT40 | 10/ 0.394 | 950A0406 |
| CAT40 | 12/ 0.472 | 950A0406 |
| CAT40 | 16/ 0.630 | 950A0406 |
| CAT40 | 20/ 0.787 | 950A0406 |

Operating & setting accessories

Shrinkfit

DIN type
- Inch



- Run-out $\leq 3 \mu\text{m}$
- Delivered with one stop screw
- For Shrinkfit extensions, see page(s) 357-358
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| E26425603025375 | 02999165 | CAT40 TF ADB | 0.250 | 3.750 | 2.998 | 1.476 | 0.866 | 0.827 | 1.063 | 6.443 | 2.333 | 2.726 | 0.413 | M5x0.8 | 4,5 | 1 | G2.5 | 2.650 |
| E26425603037375 | 02999166 | CAT40 TF ADB | 0.375 | 3.750 | 2.998 | 1.673 | 1.220 | 0.945 | 1.260 | 6.443 | 2.136 | 2.530 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 2.870 |
| E26425603050375 | 02999167 | CAT40 TF ADB | 0.500 | 3.750 | 2.998 | 1.791 | 1.339 | 0.945 | 1.260 | 6.443 | 2.018 | 2.411 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 2.650 |
| E26445603037400 | 02998688 | CAT50 TF ADB | 0.375 | 4.000 | 3.248 | 1.673 | 1.220 | 0.945 | 1.260 | 8.006 | 2.386 | 2.780 | 0.512 | M8x1 | 4,5 | 1 | G2.5 | 6.830 |
| E26445603050400 | 02998689 | CAT50 TF ADB | 0.500 | 4.000 | 3.248 | 1.791 | 1.339 | 0.945 | 1.260 | 8.006 | 2.268 | 2.661 | 0.512 | M10x1 | 4,5 | 1 | G2.5 | 6.830 |
| E26445603062400 | 02998690 | CAT50 TF ADB | 0.625 | 4.000 | 3.248 | 1.988 | 1.535 | 1.063 | 1.339 | 8.006 | 2.071 | 2.465 | 0.551 | M12x1 | 4,5 | 1 | G2.5 | 6.830 |
| E26445603075400 | 02998691 | CAT50 TF ADB | 0.750 | 4.000 | 3.248 | 2.067 | 1.614 | 1.299 | 1.654 | 8.006 | 1.992 | 2.386 | 0.709 | M16x1 | 4,5 | 1 | G2.5 | 7.050 |
| E26445603100400 | 02998692 | CAT50 TF ADB | 1.000 | 4.000 | 3.248 | 2.303 | 1.850 | 1.732 | 2.087 | 8.006 | 1.756 | 2.150 | 0.925 | M16x1 | 4,5 | 1 | G2.5 | 8.160 |

Accessories

| For | Balancing screws |
|-----|------------------|
| All | 90ZQ01 |

Spare Parts, included in delivery

| For | Sealing Screws | Stop screw |
|-----------------|----------------|------------|
| E26425603025375 | 950A0406 | 19BDR05165 |
| E26425603037375 | 950A0406 | 19BDR08165 |
| E26425603050375 | 950A0406 | 19BDR10165 |
| E26445603037400 | 950A0606 | 19BDR08165 |
| E26445603050400 | 950A0606 | 19BDR10165 |
| E26445603062400 | 950A0606 | 19BDR12165 |
| E26445603075400 | 950A0606 | 19BDR16165 |
| E26445603100400 | 950A0606 | 19BDR16165 |

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CAT

Combimaster

Graflex

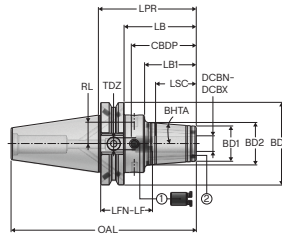
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Reinforced type
- Inch




- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For ISO attribute explanation, see page 15




Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | LSC | BD1 | BD2 | BD3 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-----------------|-------------|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E25425600050287 | 02904847 | CAT40 TF ADB | 0.500 | 2.874 | 2.122 | 1.496 | 1.870 | 1.339 | 1.063 | 1.385 | 1.750 | 5.567 | 1.063 | 1.457 | 0.531 | M10x1 | 4,5 | 1 | G2.5 | 2.650 |
| E25425600062300 | 02904848 | CAT40 TF ADB | 0.625 | 3.000 | 2.248 | 1.622 | 1.988 | 1.535 | 1.299 | 1.659 | 1.750 | 5.693 | 1.071 | 1.465 | 0.669 | M12x1 | 4,5 | 1 | G2.5 | 2.870 |
| E25425600075312 | 02904849 | CAT40 TF ADB | 0.750 | 3.125 | 2.373 | 1.747 | 2.067 | 1.614 | 1.732 | 2.092 | 1.750 | 5.818 | 1.117 | 1.511 | 0.846 | M16x1 | 4,5 | 1 | G2.5 | 3.530 |

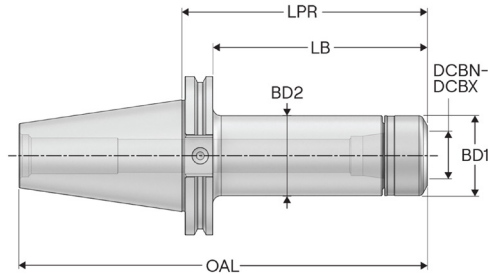
Accessories

| For | Balancing screws |
|-----|---|
| |  |
| All | 90ZQ01 |

Spare Parts, included in delivery

| For | Sealing plugs | Sealing Screws | Stop screw |
|--------------|---|---|---|
| |  |  |  |
| CAT40/ 0.500 | 90AI03 | 950A0406 | 19BDR10165 |
| CAT40/ 0.625 | 90AI03 | 950A0406 | 19BDR12165 |
| CAT40/ 0.750 | 90AI04 | 950A0406 | 19BDR16165 |


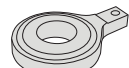

- Inch




- Run-out 3 μm maximum at 3 x ∅DCBN-DCBX
- For ER HP collets type 5672, see page(s) 389, 390, 391-397
- For stop screws, see instructions at www.secotools.com
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | RFID hole | Balan- cing | Weight |
|-------------------------|-------------|--------------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|----------------|--------|
| | | | inch | inch | | inch | inch | inch | inch | inch | | | lbs |
| CAT40TFAD-ERHP16-2.500 | 10358901 | CAT40ADTF | 0.039 | 0.394 | HP 16 | 2.500 | 1.181 | 1.181 | 5.193 | 1.748 | 1 | G2.5 | 2.430 |
| CAT40TFAD-ERHP16-6.000 | 10358902 | CAT40ADTF | 0.039 | 0.394 | HP 16 | 6.000 | 1.181 | 1.181 | 8.693 | 5.248 | 1 | G2.5 | 3.310 |
| CAT40TFAD-ERHP25-2.500 | 10358903 | CAT40ADTF | 0.039 | 0.630 | HP 25 | 2.500 | 1.575 | 1.575 | 5.193 | 1.748 | 1 | G2.5 | 2.430 |
| CAT40TFADB-ERHP25-4.000 | 10190243 | CAT40 TF ADB | 0.039 | 0.630 | HP 25 | 4.000 | 1.575 | 1.575 | 6.693 | 3.248 | 1 | G2.5 | 3.090 |
| CAT40TFAD-ERHP25-6.000 | 10358905 | CAT40ADTF | 0.039 | 0.630 | HP 25 | 6.000 | 1.575 | 1.575 | 8.693 | 5.248 | 1 | G2.5 | 4.190 |
| CAT50TFAD-ERHP32-3.000 | 10358906 | CAT50ADTF | 0.079 | 0.787 | HP 32 | 3.000 | 1.969 | 1.969 | 7.006 | 2.248 | 1 | G2.5 | 7.050 |
| CAT50TFAD-ERHP32-6.000 | 10358907 | CAT50ADTF | 0.079 | 0.787 | HP 32 | 6.000 | 1.969 | 1.969 | 10.006 | 5.248 | 1 | G2.5 | 9.260 |

Accessories

| For | Key | Socket | Torque key |
|--------|---|---|---|
| |  |  |  |
| ERHP16 | 03LME1418260 | 03ER030B | 03DYE010100B |
| ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

Spare Parts, included in delivery

| For | Nut |
|--------|---|
| |  |
| ERHP16 | 08B567216C |
| ERHP25 | 08B567225C |
| ERHP32 | 08B567232C |

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BT JIS

CAT

Combimaster

Graflex

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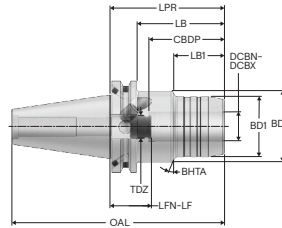
Others

Operating & setting accessories

Shrinkfit

Conventional type
- Metric/ Inch

CAT TF / ASME B5.50-2009-ADB



-Run-out $\leq 3 \mu\text{m}$
-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

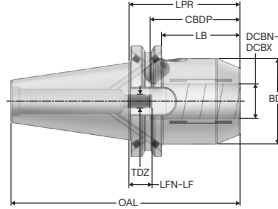
| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------------|-------------|-----------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|-----------------|---------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | | | | | | | | | | | | | | | kg |
| CAT40TFADB-HC06-080 | 10137287 | CAT40 TF ADB | 6,0 0.236 | 80,0 3.150 | 60,95 2.400 | 29,5 1.161 | 37,0 1.457 | 49,5 1.949 | 26,0 1.024 | 148,25 5.837 | 43,0 1.693 | 53,0 2.087 | M5x0.8 | 30,0 | 1 | G2.5 | 1,5 3.310 |
| CAT40TFADB-HC08-080 | 10137288 | CAT40 TF ADB | 8,0 0.315 | 80,0 3.150 | 60,95 2.400 | 30,0 1.181 | 37,0 1.457 | 49,5 1.949 | 28,0 1.102 | 148,25 5.837 | 43,0 1.693 | 53,0 2.087 | M6x1 | 30,0 | 1 | G2.5 | 1,4 3.090 |
| CAT40TFADB-HC10-080 | 10137289 | CAT40 TF ADB | 10,0 0.394 | 80,0 3.150 | 60,95 2.400 | 31,0 1.220 | 42,0 1.654 | 49,5 1.949 | 30,0 1.181 | 148,25 5.837 | 40,0 1.575 | 50,0 1.969 | M8x1 | 30,0 | 1 | G2.5 | 1,4 3.090 |
| CAT40TFADB-HC12-080 | 10137290 | CAT40 TF ADB | 12,0 0.472 | 80,0 3.150 | 60,95 2.400 | 31,5 1.240 | 47,0 1.850 | 49,5 1.949 | 32,0 1.260 | 148,25 5.837 | 35,0 1.378 | 45,0 1.772 | M10x1 | 30,0 | 1 | G2.5 | 1,4 3.090 |
| CAT40TFADB-HC16-080 | 10137291 | CAT40 TF ADB | 16,0 0.630 | 80,0 3.150 | 60,95 2.400 | 33,0 1.299 | 52,0 2.047 | 49,5 1.949 | 38,0 1.496 | 148,25 5.837 | 30,0 1.181 | 40,0 1.575 | M12x1 | 30,0 | 1 | G2.5 | 1,5 3.310 |
| CAT40TFADB-HC20-080 | 10137292 | CAT40 TF ADB | 20,0 0.787 | 80,0 3.150 | 60,95 2.400 | 34,0 1.339 | 52,0 2.047 | 49,5 1.949 | 42,0 1.654 | 148,25 5.837 | 30,0 1.181 | 40,0 1.575 | M16x1 | 30,0 | 1 | G2.5 | 1,5 3.310 |

Accessories

| For | Key |
|-----|-------|
| All | H05-4 |



Reinforced type
- Metric/ Inch



-Run-out $\leq 3 \mu\text{m}$
-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|----------------------|-------------|-----------------|---------------|---------------|----------------|------------|---------------|------------|----------------|-----------------|---------------|---------------|------|-------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| CAT40TFADB-HCR20-064 | 10137134 | CAT40 TF ADB | 20,0 0.787 | 64,5 2.539 | 45,45 1.789 | - | 52,5 2.067 | - | 49,25 1.939 | 132,75 5.226 | 13,5 0.531 | 23,5 0.925 | M8x1 | - | 0 | G2.5 | 1,3 2.870 |

Accessories

| For | Key |
|----------------------|-------|
| CAT40TFADB-HCR20-064 | H05-4 |



Guide

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HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Guide

- Inch

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

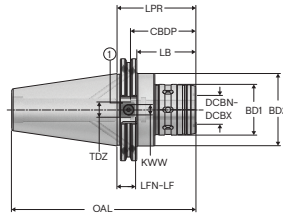
Others

Operating & setting accessories

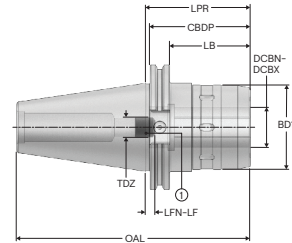
Shrinkfit



Design 1



Design 2



—For reduction sleeves, see page(s) 385–386
 —For ‘Stop screws for through coolant’, see page(s) 387–388
 —For ISO attribute explanation, see page 15

Spare parts:
 1 = Stop screw

| Designation | Item number | CTMS | DCBN-DCBX | OAL | LPR | LB | CBDP | BD1 | BD2 | LFN | LF | KWW | TDZ | Design | RFID hole | Balancing | Weight |
|---------------------------|-------------|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------------|--------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | | lbs |
| CAT40TFAD-PMC0.750-3.000 | 10185655 | CAT40 TF AD | 0.750 | 5.693 | 3.000 | 2.248 | 2.248 | 1.929 | 1.760 | 0.520 | 0.717 | 8,0 | UNF 5/8"-18 | 2 | 1 | PB | 3.310 |
| CAT40TFADB-PMC1.250-4.250 | 03211220 | CAT40 TF ADB | 1.250 | 6.943 | 4.250 | 1.560 | 3.540 | 2.638 | 1.750 | 1.100 | 1.297 | 8,0 | UNF 5/8" | 1 | 1 | PB | 5.070 |

Accessories

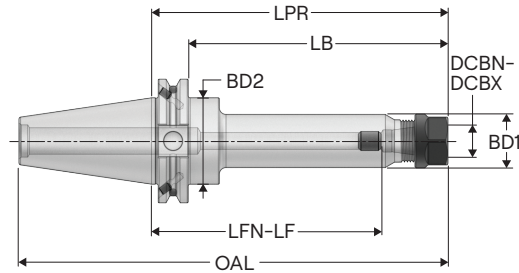
| For | Spanner | Stop screw (K) |
|---------------------------|----------|----------------|
| | | |
| CAT40TFADB-PMC1.250-4.250 | 03BPMC32 | 19BPMC317506H |
| CAT40TFAD-PMC0.750-3.000 | 03BPMC20 | - |

Spare Parts, included in delivery

| For | Extractor for reduction sleeves | Sealing Screws | Stop screw |
|---------------------------|---------------------------------|----------------|------------|
| | | | |
| CAT40TFADB-PMC1.250-4.250 | 03EXTPMC | 950A0406 | 19BEPMC02 |
| CAT40TFAD-PMC0.750-3.000 | 03EXTPMC | - | 19BEPMC02 |

ISO 15488
- Metric/ Inch


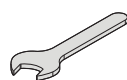
CAT TF / ASME B5.50-2009-ADB



-Run-out 15 µm/ .0006" maximum at 3 x ∅DCBN-DCBX
-For ER sealing rings, see page(s) 410, 411
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | LFN | LF | RFID hole | Balan- cing | Weight |
|-----------------------|-------------|--------------|--------------|---------------|-------|----------------|---------------|---------------|-----------------|-----------------|-----------------|----------------|-----------|----------------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| CAT40TFADB-ER16-4.000 | 10008238 | CAT40 TF ADB | 0,5 0.020 | 10,0 0.394 | ER 16 | 101,6 4.000 | 27,6 1.087 | 28,0 1.102 | 169,85 6.687 | 82,55 3.250 | 11,6 0.457 | 67,6 2.661 | 1 | PB | 1,2 2.650 |
| CAT40TFADB-ER25-4.000 | 10008239 | CAT40 TF ADB | 1,0 0.039 | 16,0 0.630 | ER 25 | 101,6 4.000 | 41,6 1.638 | 42,0 1.654 | 169,85 6.687 | 82,55 3.250 | 1,6 0.063 | 59,6 2.346 | 1 | PB | 1,4 3.090 |
| CAT40TFADB-ER32-4.000 | 10008240 | CAT40 TF ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 101,6 4.000 | 49,6 1.953 | 50,0 1.969 | 169,85 6.687 | 82,55 3.250 | 1,6 0.063 | 52,6 2.071 | 1 | PB | 1,7 3.750 |
| CAT50TFADB-ER16-4.000 | 10229704 | CAT50 TF ADB | 0,5 0.020 | 10,0 0.394 | ER 16 | 101,6 4.000 | 27,6 1.087 | 28,0 1.102 | 203,2 8.000 | 82,55 3.250 | 11,6 0.457 | 67,6 2.661 | 1 | G6.3 | 2,9 6.390 |
| CAT50TFADB-ER20-4.000 | 10229705 | CAT50 TF ADB | 1,0 0.039 | 13,0 0.512 | ER 20 | 101,6 4.000 | 33,6 1.323 | 34,0 1.339 | 203,2 8.000 | 82,55 3.250 | 1,6 0.063 | 61,6 2.425 | 1 | G6.3 | 3,1 6.830 |
| CAT50TFADB-ER20-6.000 | 10229706 | CAT50 TF ADB | 1,0 0.039 | 13,0 0.512 | ER 20 | 152,4 6.000 | 33,6 1.323 | 34,0 1.339 | 254,0 10.000 | 133,35 5.250 | 52,4 2.063 | 112,4 4.425 | 1 | G6.3 | 3,7 8.160 |
| CAT50TFADB-ER32-4.000 | 10229707 | CAT50 TF ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 101,6 4.000 | 49,6 1.953 | 50,0 1.969 | 203,2 8.000 | 82,55 3.250 | 1,6 0.063 | 53,6 2.110 | 1 | G6.3 | 3,4 7.500 |
| CAT50TFADB-ER32-6.000 | 10008241 | CAT50 TF ADB | 2,0 0.079 | 20,0 0.787 | ER 32 | 152,4 6.000 | 49,6 1.953 | 50,0 1.969 | 254,0 10.000 | 133,35 5.250 | 52,4 2.063 | 104,4 4.110 | 1 | PB | 4,0 8.820 |
| CAT50TFADB-ER40-4.000 | 10008242 | CAT50 TF ADB | 3,0 0.118 | 26,0 1.024 | ER 40 | 101,6 4.000 | 62,6 2.465 | 63,0 2.480 | 203,2 8.000 | 82,55 3.250 | -18,4 -0.724 | 46,6 1.835 | 1 | PB | 3,8 8.380 |

Accessories

| For | Seal nut | Spanner |
|-----------------------|---|---|
| |  |  |
| CAT40TFADB-ER16-4.000 | 08B587516IC | 03B587516UM |
| CAT40TFADB-ER25-4.000 | 08B587525IC | 03B587525 |
| CAT40TFADB-ER32-4.000 | 08B587532IC | 03B587532 |
| CAT50TFADB-ER16-4.000 | 08B587516IC | 03B587516UM |
| CAT50TFADB-ER20-4.000 | - | 03B587520UM |
| CAT50TFADB-ER20-6.000 | - | 03B587520UM |
| CAT50TFADB-ER32-4.000 | 08B587532IC | 03B587532 |
| CAT50TFADB-ER32-6.000 | 08B587532IC | 03B587532 |
| CAT50TFADB-ER40-4.000 | 08B587540IC | 03B587540 |

Guide

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BT JIS

CAT

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Graffex


Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Spare Parts, included in delivery

| Guide | For | Nut | Plug |
|---------------------------------|-----------------------|---|---|
| | |  |  |
| HSK-A | CAT40TFADB-ER16-4.000 | 5533050-06 | 564301701 |
| | CAT40TFADB-ER25-4.000 | 5533050-02 | 564301701 |
| | CAT40TFADB-ER32-4.000 | 5533050-03 | 564301701 |
| | CAT50TFADB-ER16-4.000 | 5533050-06 | - |
| | CAT50TFADB-ER20-4.000 | 5533050-08 | - |
| HSK-E | CAT50TFADB-ER20-6.000 | 5533050-08 | - |
| | CAT50TFADB-ER32-4.000 | 5533050-03 | - |
| | CAT50TFADB-ER32-6.000 | 5533050-03 | 564301702 |
| | CAT50TFADB-ER40-4.000 | 5533050-04 | 564301702 |
| DIN | | | |
| BT JIS | | | |
| CAT | | | |
| Combimaster | | | |
| Graflex | | | |
| Seco Capto™ | | | |
| Others | | | |
| Operating & setting accessories | | | |
| Shrinkfit | | | |



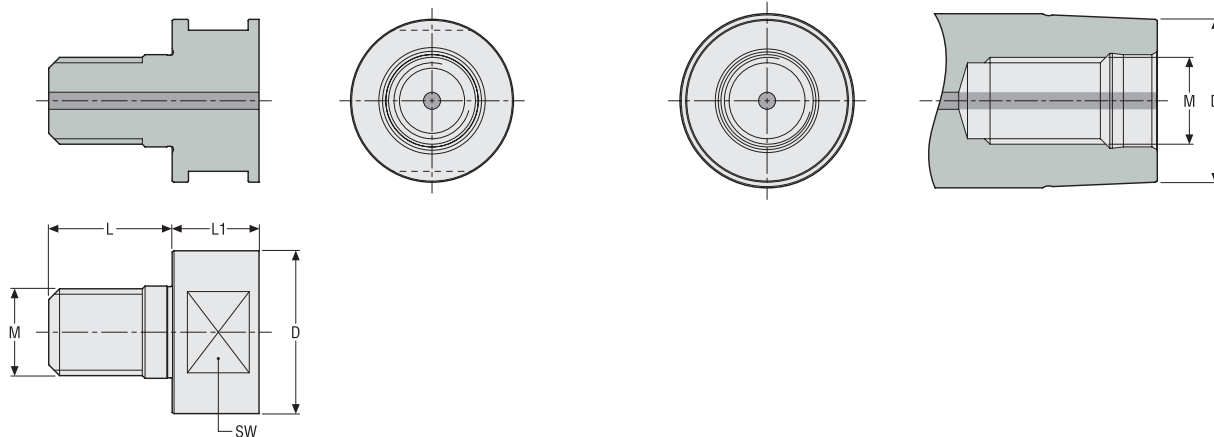
Combimaster

Poorly designed holders can't provide the rigidity, stability or precision needed for optimized milling strategies and, subsequently, superior performance. Maximize these factors for fully secure milling processes with the expanded line of **Combimaster™** holders.

- Combimaster with different taper backends
- Shrinkfit holders
- Steadyline solutions
- Intermediates to cover extensions and reducers

Machine side

Workpiece side



| Machine side catalogue designation | Hole for RFID carrier* | L | | D | M | SW |
|--------------------------------------|------------------------|-------|-------|----|-------|----|
| | | mm | inch | | | |
| M10 | No | 18,75 | 0.738 | 13 | 10 | 15 |
| M12 | No | 21,75 | 0.856 | 15 | 12 | 19 |
| M16 | No | 22,75 | 0.896 | 16 | 16 | 26 |
| M20 | No | 27 | 1.063 | 18 | 20 | 32 |
| M6 | No | 13,5 | 0.531 | 9 | 6 | 9 |
| M8 | No | 17,75 | 0.699 | 11 | 8 | 11 |
| | | | | | | |
| Workpiece side catalogue designation | Hole for RFID carrier* | D | | M | | |
| | | mm | inch | mm | inch | |
| M10 | No | 18,5 | 0.728 | 10 | 0.394 | |
| M12 | No | 23 | 0.906 | 12 | 0.472 | |
| M16 | No | 30 | 1.181 | 16 | 0.630 | |
| M20 | No | 36,5 | 1.437 | 20 | 0.787 | |
| M6 | No | 11 | 0.433 | 6 | 0.236 | |
| M8 | No | 13,5 | 0.531 | 8 | 0.315 | |

Note: These machine side and workpiece side dimensions are applied to all the holders shown in the Product pages.

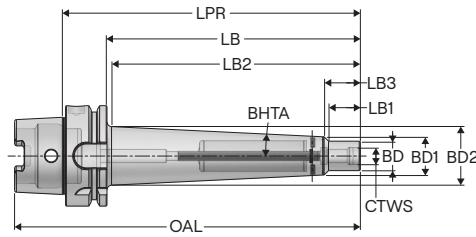
* No hole for RFID carriers

Steadyline®, vibration damping
– Metric/ Inch

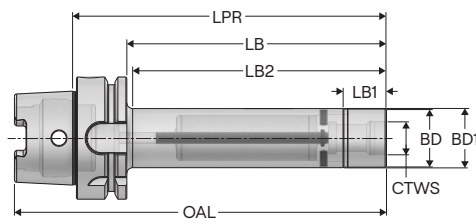
HSK-A/ ISO12164-1-HSK-A



Design 1



Design 2



–For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB3 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | Max. RPM | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|------|-----------------|-----------------|-----------------|---------------|---------------|---------------|----------------|---------------|-----------------|-------|--------|----------|-----------|-----------|----------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | | kg lbs |
| E9304K82012185 | 02904473 | HSK-A63 | M12 | 185,0 7.283 | 159,0 6.260 | 156,14 6.147 | 24,0 0.945 | 20,0 0.787 | 23,0 0.906 | 42,97 1.692 | 30,0 1.181 | 217,0 8.543 | 2,75 | 1 | 9000 | 1 | PB | 1,9 4.190 |
| E9304K82016235 | 02904476 | HSK-A63 | M16 | 235,0 9.252 | 193,0 7.598 | 192,41 7.575 | 24,0 0.945 | 20,0 0.787 | 30,0 1.181 | 53,18 2.094 | 37,0 1.457 | 267,0 10.512 | 2,75 | 1 | 9000 | 1 | PB | 3,5 7.720 |
| E9304K82116160 | 02904474 | HSK-A63 | M16 | 160,0 6.299 | 134,0 5.276 | 131,0 5.157 | – | 22,0 0.866 | 30,0 1.181 | – | 30,5 1.201 | 192,0 7.559 | – | 2 | 9000 | 1 | PB | 1,4 3.090 |
| HSKA63-M20-160-K | 03308049 | HSK-A63 | M20 | 160,0 6.299 | 134,0 5.276 | 131,0 5.157 | – | 31,0 1.220 | 36,5 1.437 | – | 37,0 1.457 | 192,0 7.559 | – | 2 | 9000 | 1 | PB | 2,1 4.630 |
| E9306K82012235 | 02904477 | HSK-A100 | M12 | 235,0 9.252 | 206,0 8.110 | 201,24 7.923 | 24,0 0.945 | 20,0 0.787 | 23,0 0.906 | 47,48 1.869 | 30,0 1.181 | 285,0 11.220 | 2,75 | 1 | 6000 | 1 | PB | 4,0 8.820 |
| E9306K82016235 | 02904479 | HSK-A100 | M16 | 235,0 9.252 | 206,0 8.110 | 201,24 7.923 | 24,0 0.945 | 20,0 0.787 | 30,0 1.181 | 54,48 2.145 | 37,0 1.457 | 285,0 11.220 | 2,75 | 1 | 8000 | 1 | PB | 4,78 10.540 |
| E9306K82016285 | 02904480 | HSK-A100 | M16 | 285,0 11.220 | 256,0 10.079 | 251,24 9.891 | 24,0 0.945 | 20,0 0.787 | 30,0 1.181 | 59,29 2.334 | 37,0 1.457 | 335,0 13.189 | 2,75 | 1 | 9000 | 1 | PB | 5,86 12.920 |
| E9306K82116185 | 02904478 | HSK-A100 | M16 | 185,0 7.283 | 156,0 6.142 | 151,0 5.945 | – | 22,0 0.866 | 30,0 1.181 | – | 30,5 1.201 | 235,0 9.252 | – | 2 | 8000 | 1 | PB | 2,91 6.420 |
| E9306K82020285 | 03029803 | HSK-A100 | M20 | 285,0 11.220 | 256,0 10.079 | 251,24 9.891 | 29,0 1.142 | 24,5 0.965 | 36,5 1.437 | 66,81 2.630 | 45,0 1.772 | 335,0 13.189 | 2,75 | 1 | 6000 | 1 | PB | 7,2 15.870 |
| HSKA100-M20-185-K | 03308052 | HSK-A100 | M20 | 185,0 7.283 | 156,0 6.142 | 151,0 5.945 | – | 31,0 1.220 | 36,5 1.437 | – | 37,0 1.457 | 235,0 9.252 | – | 2 | 9000 | 1 | PB | 3,9 8.600 |

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Others
Operating & setting accessories
Shrinkfit

HSK-A to Combimaster
– Metric/ Inch

HSK-A/ ISO12164-1-HSK-A

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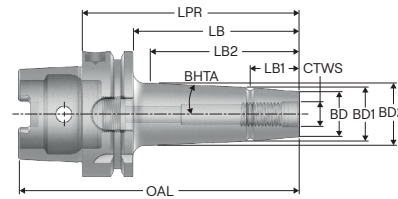
Others

Operating & setting accessories

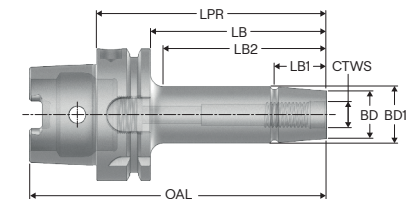
Shrinkfit



Design 1



Design 2



–For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|----------------|-------------|---------|------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| E930458200660 | 02643801 | HSK-A63 | M6 | 60,0 2.362 | 34,0 1.339 | 25,0 0.984 | 10,0 0.394 | 11,0 0.433 | 14,5 0.571 | 11,7 0.461 | 92,0 3.622 | 5,3 | 1 | 1 | G6.3 | 0,7 1.540 |
| E930458200860 | 02438495 | HSK-A63 | M8 | 60,0 2.362 | 34,0 1.339 | 25,0 0.984 | 10,0 0.394 | 13,5 0.531 | 18,5 0.728 | 15,7 0.618 | 92,0 3.622 | 5,3 | 1 | 1 | G6.3 | 0,7 1.540 |
| E930458200885 | 02438497 | HSK-A63 | M8 | 85,0 3.346 | 59,0 2.323 | 50,0 1.969 | 15,0 0.591 | 13,5 0.531 | 20,0 0.787 | 15,7 0.618 | 117,0 4.606 | 3,5 | 1 | 1 | G6.3 | 0,8 1.760 |
| E930458201060 | 02444885 | HSK-A63 | M10 | 60,0 2.362 | 34,0 1.339 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | 23,0 0.906 | 19,7 0.776 | 92,0 3.622 | 6,3 | 1 | 1 | G6.3 | 0,8 1.760 |
| E930458201085 | 02444889 | HSK-A63 | M10 | 85,0 3.346 | 59,0 2.323 | 50,0 1.969 | 15,0 0.591 | 18,5 0.728 | 24,5 0.965 | 19,7 0.776 | 117,0 4.606 | 3,9 | 1 | 1 | G6.3 | 0,8 1.760 |
| E9304582010135 | 02438500 | HSK-A63 | M10 | 135,0 5.315 | 109,0 4.291 | 100,0 3.937 | 20,0 0.787 | 18,5 0.728 | 27,5 1.083 | 19,7 0.776 | 167,0 6.575 | 2,8 | 1 | 1 | G6.3 | 1,0 2.200 |
| E930458211060 | 02444948 | HSK-A63 | M10 | 60,0 2.362 | 34,0 1.339 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | – | 18,5 0.728 | 92,0 3.622 | – | 2 | 1 | G6.3 | 0,7 1.540 |
| E930458201260 | 02444905 | HSK-A63 | M12 | 60,0 2.362 | 34,0 1.339 | 25,0 0.984 | 10,0 0.394 | 23,0 0.906 | 28,5 1.122 | 24,7 0.972 | 92,0 3.622 | 7,2 | 1 | 1 | G6.3 | 0,8 1.760 |
| E930458201285 | 02444907 | HSK-A63 | M12 | 85,0 3.346 | 59,0 2.323 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | 30,0 1.181 | 24,7 0.972 | 117,0 4.606 | 5,0 | 1 | 1 | G6.3 | 0,9 1.980 |
| E9304582012110 | 02444894 | HSK-A63 | M12 | 110,0 4.331 | 84,0 3.307 | 75,0 2.953 | 25,0 0.984 | 23,0 0.906 | 31,5 1.240 | 24,7 0.972 | 142,0 5.591 | 3,9 | 1 | 1 | G6.3 | 1,0 2.200 |
| E9304582012135 | 02444903 | HSK-A63 | M12 | 135,0 5.315 | 109,0 4.291 | 100,0 3.937 | 30,0 1.181 | 23,0 0.906 | 33,0 1.299 | 24,7 0.972 | 167,0 6.575 | 3,4 | 1 | 1 | G6.3 | 1,2 2.650 |
| E930458211260 | 02444950 | HSK-A63 | M12 | 60,0 2.362 | 34,0 1.339 | 25,0 0.984 | 10,0 0.394 | 23,0 0.906 | – | 23,5 0.925 | 92,0 3.622 | – | 2 | 1 | G6.3 | 0,8 1.760 |
| E930458211285 | 02444953 | HSK-A63 | M12 | 85,0 3.346 | 59,0 2.323 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | – | 23,5 0.925 | 117,0 4.606 | – | 2 | 1 | G6.3 | 0,9 1.980 |
| E930458201660 | 02444942 | HSK-A63 | M16 | 60,0 2.362 | 34,0 1.339 | 25,0 0.984 | 10,0 0.394 | 30,0 1.181 | 35,5 1.398 | 31,7 1.248 | 92,0 3.622 | 6,9 | 1 | 1 | G6.3 | 0,9 1.980 |
| E930458201685 | 02444944 | HSK-A63 | M16 | 85,0 3.346 | 59,0 2.323 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 37,0 1.457 | 31,7 1.248 | 117,0 4.606 | 5,0 | 1 | 1 | G6.3 | 1,0 2.200 |
| E9304582016110 | 02444908 | HSK-A63 | M16 | 110,0 4.331 | 84,0 3.307 | 75,0 2.953 | 25,0 0.984 | 30,0 1.181 | 38,5 1.516 | 31,7 1.248 | 142,0 5.591 | 3,9 | 1 | 1 | G6.3 | 1,2 2.650 |
| E9304582016135 | 02444910 | HSK-A63 | M16 | 135,0 5.315 | 109,0 4.291 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 40,0 1.575 | 31,7 1.248 | 167,0 6.575 | 3,4 | 1 | 1 | G6.3 | 1,4 3.090 |
| E9304582016185 | 02444912 | HSK-A63 | M16 | 185,0 7.283 | 159,0 6.260 | 150,0 5.906 | 35,0 1.378 | 30,0 1.181 | 50,0 1.969 | 31,7 1.248 | 217,0 8.543 | 4,5 | 1 | 1 | G6.3 | 2,1 4.630 |
| E930458211685 | 02438506 | HSK-A63 | M16 | 85,0 3.346 | 59,0 2.323 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | – | 30,5 1.201 | 117,0 4.606 | – | 2 | 1 | G6.3 | 1,0 2.200 |
| E9304582116110 | 02438507 | HSK-A63 | M16 | 110,0 4.331 | 84,0 3.307 | 77,0 3.031 | 25,0 0.984 | 30,0 1.181 | – | 30,5 1.201 | 142,0 5.591 | – | 2 | 1 | G6.3 | 1,1 2.430 |
| E9304582116135 | 02438508 | HSK-A63 | M16 | 135,0 5.315 | 109,0 4.291 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | – | 30,5 1.201 | 167,0 6.575 | – | 2 | 1 | G6.3 | 1,2 2.650 |
| E930458202065 | 02971293 | HSK-A63 | M20 | 65,0 2.559 | 39,0 1.535 | 30,0 1.181 | 10,0 0.394 | 36,5 1.437 | 44,5 1.752 | 37,5 1.476 | 97,0 3.819 | 6,4 | 1 | 1 | G6.3 | 1,0 2.200 |
| E9304582120110 | 02971294 | HSK-A63 | M20 | 110,0 4.331 | 84,0 3.307 | 75,0 2.953 | 25,0 0.984 | 36,5 1.437 | – | 37,0 1.457 | 142,0 5.591 | – | 2 | 1 | G6.3 | 1,2 2.650 |

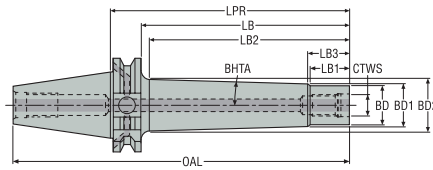
| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|---------------------|-------------|----------|------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|------------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| HSKA63-M20-085 | 03308047 | HSK-A63 | M20 | 85,0 3.346 | 59,0 2.323 | 50,0 1.969 | 20,0 0.787 | 36,5 1.437 | - | 37,0 1.457 | 117,0 4.606 | - | 2 | 1 | PB | 1,1 2.430 |
| HSKA63-M20-135 | 03308048 | HSK-A63 | M20 | 135,0 5.315 | 109,0 4.291 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | - | 37,0 1.457 | 167,0 6.575 | - | 2 | 1 | G6.3 | 1,4 3.090 |
| HSKA63-M20-185 | 03308050 | HSK-A63 | M20 | 185,0 7.283 | 159,0 6.260 | 150,0 5.906 | 35,0 1.378 | 36,5 1.437 | - | 37,0 1.457 | 217,0 8.543 | - | 2 | 1 | G6.3 | 1,8 3.970 |
| E930658201085 | 02445323 | HSK-A100 | M10 | 85,0 3.346 | 56,0 2.205 | 50,0 1.969 | 15,0 0.591 | 18,5 0.728 | 27,0 1.063 | 19,7 0.776 | 135,0 5.315 | 7,6 | 1 | 1 | G6.3 | 2,2 4.850 |
| E930658201285 | 02445356 | HSK-A100 | M12 | 85,0 3.346 | 56,0 2.205 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | 35,0 1.378 | 24,7 0.972 | 135,0 5.315 | 9,7 | 1 | 1 | G6.3 | 2,3 5.070 |
| E9306582012110 | 02445326 | HSK-A100 | M12 | 110,0 4.331 | 81,0 3.189 | 75,0 2.953 | 25,0 0.984 | 23,0 0.906 | 38,0 1.496 | 24,7 0.972 | 160,0 6.299 | 7,6 | 1 | 1 | G6.3 | 2,4 5.290 |
| E9306582012135 | 02445329 | HSK-A100 | M12 | 135,0 5.315 | 106,0 4.173 | 100,0 3.937 | 30,0 1.181 | 23,0 0.906 | 41,0 1.614 | 24,7 0.972 | 185,0 7.283 | 6,6 | 1 | 1 | G6.3 | 2,6 5.730 |
| E9306582012185 | 02445333 | HSK-A100 | M12 | 185,0 7.283 | 156,0 6.142 | 150,0 5.906 | 30,0 1.181 | 23,0 0.906 | 42,5 1.673 | 24,7 0.972 | 235,0 9.252 | 4,2 | 1 | 1 | G6.3 | 2,9 6.390 |
| E930658201685 | 02445390 | HSK-A100 | M16 | 85,0 3.346 | 56,0 2.205 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 42,5 1.673 | 31,7 1.248 | 135,0 5.315 | 10,2 | 1 | 1 | G6.3 | 2,4 5.290 |
| E9306582016135 | 02445366 | HSK-A100 | M16 | 135,0 5.315 | 106,0 4.173 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 49,0 1.929 | 31,7 1.248 | 185,0 7.283 | 7,0 | 1 | 1 | G6.3 | 2,9 6.390 |
| E9306582016185 | 02445388 | HSK-A100 | M16 | 185,0 7.283 | 156,0 6.142 | 150,0 5.906 | 35,0 1.378 | 30,0 1.181 | 50,0 1.969 | 31,7 1.248 | 235,0 9.252 | 4,5 | 1 | 1 | G6.3 | 3,4 7.500 |
| E9306582016235 | 02445389 | HSK-A100 | M16 | 235,0 9.252 | 206,0 8.110 | 200,0 7.874 | 35,0 1.378 | 30,0 1.181 | 55,0 2.165 | 31,7 1.248 | 285,0 11.220 | 4,0 | 1 | 1 | G6.3 | 4,1 9.040 |
| E9306582020135 | 02928179 | HSK-A100 | M20 | 135,0 5.315 | 106,0 4.173 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | 54,5 2.146 | 37,5 1.476 | 185,0 7.283 | 6,9 | 1 | 1 | G6.3 | 3,1 6.830 |
| HSKA100-M20-085 | 03308051 | HSK-A100 | M20 | 85,0 3.346 | 56,0 2.205 | 50,0 1.969 | 20,0 0.787 | 36,5 1.437 | - | 37,0 1.457 | 135,0 5.315 | - | 2 | 1 | G6.3 | 2,4 5.290 |
| HSKA125-M16-085 | 03229655 | HSK-A125 | M16 | 85,0 3.346 | 56,0 2.205 | 35,0 1.378 | 20,0 0.787 | 30,0 1.181 | - | 30,5 1.201 | 148,0 5.827 | - | 2 | 1 | PB | 3,6 7.940 |
| HSKA125-M16-135 | 03229656 | HSK-A125 | M16 | 135,0 5.315 | 106,0 4.173 | 85,0 3.346 | 35,0 1.378 | 30,0 1.181 | - | 30,5 1.201 | 198,0 7.795 | - | 2 | 1 | PB | 3,9 8.600 |
| HSKA125-M16-185-VF6 | 03240292 | HSK-A125 | M16 | 185,0 7.283 | 156,0 6.142 | 150,0 5.906 | 60,0 2.362 | 30,0 1.181 | 54,9 2.161 | 30,0 1.181 | 248,0 9.764 | 7,88 | 1 | 1 | PB | 4,6 10.140 |
| HSKA125-M20-075 | 03229659 | HSK-A125 | M20 | 75,0 2.953 | 46,0 1.811 | 30,0 1.181 | 10,0 0.394 | 36,5 1.437 | - | 37,0 1.457 | 138,0 5.433 | - | 2 | 1 | PB | 3,7 8.160 |
| HSKA125-M20-135 | 03229660 | HSK-A125 | M20 | 135,0 5.315 | 106,0 4.173 | 90,0 3.543 | 30,0 1.181 | 36,5 1.437 | - | 37,0 1.457 | 198,0 7.795 | - | 2 | 1 | PB | 4,1 9.040 |
| HSKA125-M20-185-VF6 | 03240293 | HSK-A125 | M20 | 185,0 7.283 | 156,0 6.142 | 150,0 5.906 | 73,0 2.874 | 36,5 1.437 | 62,9 2.476 | 36,5 1.437 | 248,0 9.764 | 9,73 | 1 | 1 | PB | 5,0 11.020 |

| |
|---------------------------------|
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| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graffex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

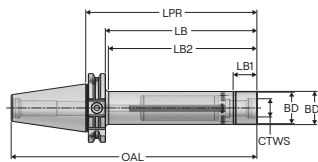
Steadyline®, vibration damping
– Metric/ Inch



Design 1



Design 2



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | Max. RPM | RFID hole | Balan- cing | Weight |
|----------------|-------------|-----------|------|----------------|----------------|----------------|---------------|---------------|------------|---------------|------------------|-------|--------|----------|-----------|----------------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | | kg lbs |
| E3469K82116160 | 02904486 | DIN40 ADB | M16 | 160,0 6.299 | 140,9 5.547 | 137,9 5.429 | 22,0 0.866 | 30,0 1.181 | – | 30,5 1.201 | 228,4 8.992 | – | 2 | 9000 | 1 | PB | 1,7 3.750 |
| E3471K82116185 | 02904490 | DIN50 ADB | M16 | 185,0 7.283 | 165,9 6.531 | 160,9 6.335 | 22,0 0.866 | 30,0 1.181 | – | 30,5 1.201 | 286,75 11.289 | – | 2 | 8000 | 1 | PB | 3,5 7.720 |

Spare Parts, included in delivery

For **Sealing Screws**



| | |
|-------|----------|
| DIN40 | 950A0406 |
| DIN50 | 950A0606 |

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HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

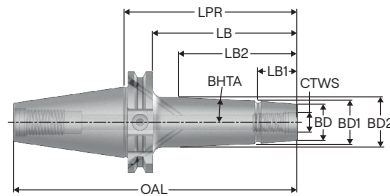
Shrinkfit

DIN 69871 to Combimaster
- Metric/ Inch

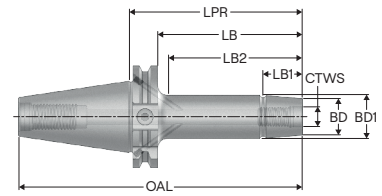
DIN 69871-ADB



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|--------------------|-------------|-----------|------|-----------------|-----------------|----------------|---------------|---------------|---------------|---------------|------------------|-------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| DIN40ADB-M20-060-V | 03308039 | DIN40 ADB | M20 | 60,0 2.362 | 40,9 1.610 | 25,0 0.984 | 10,0 0.394 | 36,5 1.437 | 44,0 1.732 | 37,0 1.457 | 128,4 5.055 | 12,23 | 1 | 1 | G6.3 | 1,2 2.650 |
| E346958212085 | 02971302 | DIN40 ADB | M20 | 85,0 3.346 | 65,9 2.594 | 60,0 2.362 | 20,0 0.787 | 36,5 1.437 | - | 37,0 1.457 | 153,4 6.039 | - | 2 | 1 | G6.3 | 1,2 2.650 |
| DIN40ADB-M20-110 | 03308040 | DIN40 ADB | M20 | 110,0 4.331 | 90,9 3.579 | 75,0 2.953 | 25,0 0.984 | 36,5 1.437 | - | 37,0 1.457 | 178,4 7.024 | - | 2 | 1 | G6.3 | 1,4 3.090 |
| DIN40ADB-M20-135 | 03308041 | DIN40 ADB | M20 | 135,0 5.315 | 115,9 4.563 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | - | 37,0 1.457 | 203,4 8.008 | - | 2 | 1 | G6.3 | 1,6 3.530 |
| DIN40ADB-M20-185 | 03308043 | DIN40 ADB | M20 | 185,0 7.283 | 165,9 6.531 | 150,0 5.906 | 35,0 1.378 | 36,5 1.437 | - | 37,0 1.457 | 253,4 9.976 | - | 2 | 1 | G6.3 | 2,0 4.410 |
| E347158202095 | 02971303 | DIN50 ADB | M20 | 95,0 3.740 | 75,9 2.988 | 65,0 2.559 | 25,0 0.984 | 36,5 1.437 | 50,5 1.988 | 37,5 1.476 | 196,75 7.746 | 9,3 | 1 | 1 | G6.3 | 3,3 7.280 |
| DIN50ADB-M20-145 | 03308044 | DIN50 ADB | M20 | 145,0 5.709 | 125,9 4.957 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | - | 37,0 1.457 | 246,75 9.715 | - | 2 | 1 | G6.3 | 3,4 7.500 |
| DIN50ADB-M20-295-V | 03308046 | DIN50 ADB | M20 | 295,0 11.614 | 275,9 10.862 | 250,0 9.843 | 35,0 1.378 | 36,5 1.437 | 68,0 2.677 | 37,0 1.457 | 396,75 15.620 | 4,06 | 1 | 1 | G6.3 | 7,2 15.870 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| DIN40 | 950A0406 |
| DIN50 | 950A0606 |



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DIN/CAT (Combined) to Combimaster
– Metric/ Inch

DIN/CAT (Combined)

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BT JIS

CAT

Combimaster

Graflex

Seco Capto™

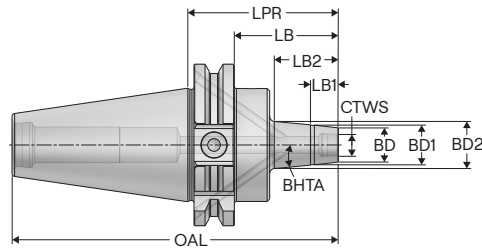
Others

Operating & setting accessories

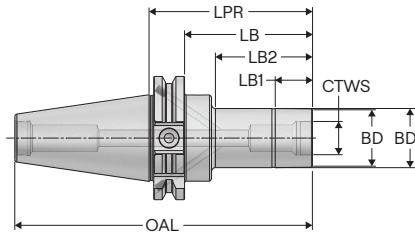
Shrinkfit



Design 1



Design 2



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|----------------|-------------|------------------|------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| E347658200660 | 02628844 | DIN40 ADB/ CAT40 | M6 | 60,0 2.362 | 41,0 1.614 | 25,0 0.984 | 10,0 0.394 | 11,0 0.433 | 14,5 0.571 | 11,7 0.461 | 128,4 5.055 | 5,3 | 1 | 1 | G6.3 | 1,0 2.200 |
| E347658200860 | 02438484 | DIN40 ADB/ CAT40 | M8 | 60,0 2.362 | 41,0 1.614 | 25,0 0.984 | 10,0 0.394 | 13,5 0.531 | 18,5 0.728 | 15,7 0.618 | 128,4 5.055 | 5,3 | 1 | 1 | G6.3 | 1,0 2.200 |
| E347658201040 | 02444577 | DIN40 ADB/ CAT40 | M10 | 40,0 1.575 | 21,0 0.827 | 5,0 0.197 | 5,0 0.197 | 18,5 0.728 | - | 19,7 0.776 | 108,4 4.268 | 6,8 | 1 | 1 | G6.3 | 1,0 2.200 |
| E347658201060 | 02444588 | DIN40 ADB/ CAT40 | M10 | 60,0 2.362 | 41,0 1.614 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | 23,0 0.906 | 19,7 0.776 | 128,4 5.055 | 6,3 | 1 | 1 | G6.3 | 1,1 2.430 |
| E347658201085 | 02444594 | DIN40 ADB/ CAT40 | M10 | 85,0 3.346 | 66,0 2.598 | 50,0 1.969 | 15,0 0.591 | 18,5 0.728 | 24,5 0.965 | 19,7 0.776 | 153,4 6.039 | 3,9 | 1 | 1 | G6.3 | 1,1 2.430 |
| E3476582010135 | 02438487 | DIN40 ADB/ CAT40 | M10 | 135,0 5.315 | 116,0 4.567 | 100,0 3.937 | 20,0 0.787 | 18,5 0.728 | 27,5 1.083 | 19,7 0.776 | 203,4 8.008 | 2,8 | 1 | 1 | G6.3 | 1,3 2.870 |
| E347658211060 | 02444670 | DIN40 ADB/ CAT40 | M10 | 60,0 2.362 | 41,0 1.614 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | - | 18,5 0.728 | 128,4 5.055 | - | 2 | 1 | G6.3 | 1,0 2.200 |
| E347658201240 | 02444621 | DIN40 ADB/ CAT40 | M12 | 40,0 1.575 | 21,0 0.827 | 5,0 0.197 | 5,0 0.197 | 23,0 0.906 | 24,7 0.972 | 24,7 0.972 | 108,4 4.268 | 9,6 | 1 | 1 | G6.3 | 1,0 2.200 |
| E347658201260 | 02444623 | DIN40 ADB/ CAT40 | M12 | 60,0 2.362 | 41,0 1.614 | 25,0 0.984 | 10,0 0.394 | 23,0 0.906 | 28,5 1.122 | 24,7 0.972 | 128,4 5.055 | 7,2 | 1 | 1 | G6.3 | 1,1 2.430 |
| E347658201285 | 02444637 | DIN40 ADB/ CAT40 | M12 | 85,0 3.346 | 66,0 2.598 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | 30,0 1.181 | 24,7 0.972 | 153,4 6.039 | 5,0 | 1 | 1 | G6.3 | 1,2 2.650 |
| E3476582012110 | 02444600 | DIN40 ADB/ CAT40 | M12 | 110,0 4.331 | 91,0 3.583 | 75,0 2.953 | 25,0 0.984 | 23,0 0.906 | 31,5 1.240 | 24,7 0.972 | 178,4 7.024 | 3,9 | 1 | 1 | G6.3 | 1,3 2.870 |
| E3476582012185 | 02438489 | DIN40 ADB/ CAT40 | M12 | 185,0 7.283 | 166,0 6.535 | 150,0 5.906 | 30,0 1.181 | 23,0 0.906 | 42,5 1.673 | 24,7 0.972 | 253,4 9.976 | 4,2 | 1 | 1 | G6.3 | 1,8 3.970 |
| E347658211260 | 02444672 | DIN40 ADB/ CAT40 | M12 | 60,0 2.362 | 41,0 1.614 | 25,0 0.984 | 10,0 0.394 | 23,0 0.906 | - | 23,5 0.925 | 128,4 5.055 | - | 2 | 1 | G6.3 | 1,1 2.430 |
| E347658211285 | 02444673 | DIN40 ADB/ CAT40 | M12 | 85,0 3.346 | 66,0 2.598 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | - | 23,5 0.925 | 153,4 6.039 | - | 2 | 1 | G6.3 | 1,1 2.430 |
| E347658201640 | 02444659 | DIN40 ADB/ CAT40 | M16 | 40,0 1.575 | 21,0 0.827 | 5,0 0.197 | 5,0 0.197 | 30,0 1.181 | 31,8 1.252 | 31,8 1.252 | 108,4 4.268 | 9,6 | 1 | 1 | G6.3 | 1,0 2.200 |
| E347658201660 | 02444662 | DIN40 ADB/ CAT40 | M16 | 60,0 2.362 | 41,0 1.614 | 25,0 0.984 | 10,0 0.394 | 30,0 1.181 | 35,5 1.398 | 31,7 1.248 | 128,4 5.055 | 7,2 | 1 | 1 | G6.3 | 1,1 2.430 |
| E347658201685 | 02444664 | DIN40 ADB/ CAT40 | M16 | 85,0 3.346 | 66,0 2.598 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 37,0 1.457 | 31,7 1.248 | 153,4 6.039 | 5,0 | 1 | 1 | G6.3 | 1,3 2.870 |

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|----------------|-------------|------------------|------|-----------------|-----------------|----------------|---------------|---------------|---------------|---------------|-----------------|------------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| E3476582016110 | 02444650 | DIN40 ADB/ CAT40 | M16 | 110,0 4.331 | 91,0 3.583 | 75,0 2.953 | 25,0 0.984 | 30,0 1.181 | 38,5 1.516 | 31,7 1.248 | 178,4 7.024 | 3,9 | 1 | 1 | G6.3 | 1,5 3.310 |
| E3476582016135 | 02444652 | DIN40 ADB/ CAT40 | M16 | 135,0 5.315 | 116,0 4.567 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 40,5 1.594 | 31,7 1.248 | 203,4 8.008 | 3,6 | 1 | 1 | G6.3 | 1,7 3.750 |
| E3476582016185 | 02444656 | DIN40 ADB/ CAT40 | M16 | 185,0 7.283 | 166,0 6.535 | 150,0 5.906 | 35,0 1.378 | 30,0 1.181 | 43,5 1.713 | 31,7 1.248 | 253,4 9.976 | 2,9 | 1 | 1 | G6.3 | 2,1 4.630 |
| E347658211685 | 02438490 | DIN40 ADB/ CAT40 | M16 | 85,0 3.346 | 66,0 2.598 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | - | 30,5 1.201 | 153,4 6.039 | - | 2 | 1 | G6.3 | 1,2 2.650 |
| E3476582116110 | 02438491 | DIN40 ADB/ CAT40 | M16 | 110,0 4.331 | 91,0 3.583 | 75,0 2.953 | 25,0 0.984 | 30,0 1.181 | - | 30,5 1.201 | 178,4 7.024 | - | 2 | 1 | G6.3 | 1,4 3.090 |
| E3476582116135 | 02438492 | DIN40 ADB/ CAT40 | M16 | 135,0 5.315 | 116,0 4.567 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | - | 30,5 1.201 | 203,4 8.008 | - | 2 | 1 | G6.3 | 1,5 3.310 |
| E347858201295 | 02444754 | DIN50 ADB/ CAT50 | M12 | 95,0 3.740 | 76,0 2.992 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | 35,0 1.378 | 24,7 0.972 | 196,7 7.744 | 9,7 | 1 | 1 | G6.3 | 3,3 7.280 |
| E3478582012145 | 02444725 | DIN50 ADB/ CAT50 | M12 | 145,0 5.709 | 126,0 4.961 | 100,0 3.937 | 30,0 1.181 | 23,0 0.906 | 41,0 1.614 | 24,7 0.972 | 246,7 9.713 | 6,6 | 1 | 1 | G6.3 | 3,6 7.940 |
| E3478582012195 | 02444726 | DIN50 ADB/ CAT50 | M12 | 195,0 7.677 | 176,0 6.929 | 150,0 5.906 | 30,0 1.181 | 23,0 0.906 | 42,5 1.673 | 24,7 0.972 | 296,7 11.681 | 4,2 | 1 | 1 | G6.3 | 3,9 8.600 |
| E3478582012245 | 02444732 | DIN50 ADB/ CAT50 | M12 | 245,0 9.646 | 226,0 8.898 | 200,0 7.874 | 30,0 1.181 | 23,0 0.906 | 47,5 1.870 | 24,7 0.972 | 346,7 13.650 | 3,8 | 1 | 1 | G6.3 | 4,5 9.920 |
| E347858201695 | 02444763 | DIN50 ADB/ CAT50 | M16 | 95,0 3.740 | 76,0 2.992 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 42,5 1.673 | 31,7 1.248 | 196,7 7.744 | 10,2 | 1 | 1 | G6.3 | 3,4 7.500 |
| E3478582016145 | 02444755 | DIN50 ADB/ CAT50 | M16 | 145,0 5.709 | 126,0 4.961 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 49,0 1.929 | 31,7 1.248 | 246,7 9.713 | 7,0 | 1 | 1 | G6.3 | 3,9 8.600 |
| E3478582016195 | 02444756 | DIN50 ADB/ CAT50 | M16 | 195,0 7.677 | 176,0 6.929 | 150,0 5.906 | 35,0 1.378 | 30,0 1.181 | 50,0 1.969 | 31,7 1.248 | 296,7 11.681 | 4,5 | 1 | 1 | G6.3 | 4,4 9.700 |
| E3478582016245 | 02444757 | DIN50 ADB/ CAT50 | M16 | 245,0 9.646 | 226,0 8.898 | 200,0 7.874 | 35,0 1.378 | 30,0 1.181 | 55,0 2.165 | 31,7 1.248 | 346,7 13.650 | 4,0 | 1 | 1 | G6.3 | 5,1 11.240 |
| E3478582016295 | 02444759 | DIN50 ADB/ CAT50 | M16 | 295,0 11.614 | 276,0 10.866 | 250,0 9.843 | 35,0 1.378 | 30,0 1.181 | 59,5 2.343 | 31,7 1.248 | 396,7 15.618 | 3,7 | 1 | 1 | G6.3 | 5,8 12.790 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| DIN40 | 950A0406 |
| DIN50 | 950A0606 |



| |
|---------------------------------|
| Guide |
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| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
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| Shrinkfit |

Steadyline®, vibration damping
– Metric/ Inch

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DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

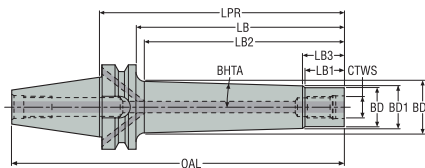
Others

Operating & setting accessories

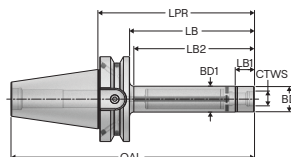
Shrinkfit



Design 1



Design 2



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB3 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | Max. RPM | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|------|----------------|----------------|----------------|------------|---------------|---------------|------------|---------------|-----------------|-------|--------|----------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | | kg lbs |
| E3416K82116185 | 02904504 | BT50 ADB | M16 | 185,0 7.283 | 147,0 5.787 | 142,0 5.591 | - | 22,0 0.866 | 30,0 1.181 | - | 30,5 1.201 | 286,8 11.291 | - | 2 | 8000 | 1 | PB | 4,4 9.700 |
| BT50ADB-M20-185-K | 03308018 | BT50 ADB | M20 | 185,0 7.283 | 147,0 5.787 | 142,0 5.591 | - | 31,0 1.220 | 36,5 1.437 | - | 37,0 1.457 | 286,8 11.291 | - | 2 | 9000 | 1 | PB | 5,1 11.240 |

Spare Parts, included in delivery

| For | Sealing Screws |
|------|----------------|
| BT50 | 950A0606 |

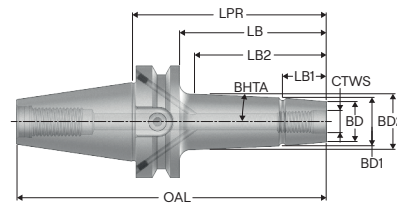


BT JIS to Combimaster
- Metric/ Inch

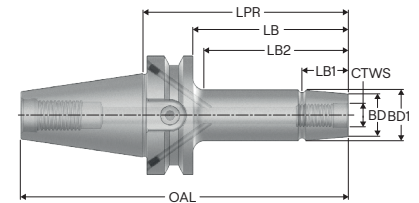
BT JIS B 6339-ADB



Design 1



Design 2




-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|-----------------|-------------|----------|------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|------------|--------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| E341458200660 | 02643832 | BT40 ADB | M6 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 11,0 0.433 | 14,5 0.571 | 11,7 0.461 | 125,4 4.937 | 5,3 | 1 | 1 | G6.3 | 1,0 2.200 |
| E341458210860 | 02444289 | BT40 ADB | M8 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 13,5 0.531 | - | 14,5 0.571 | 125,4 4.937 | - | 2 | 1 | G6.3 | 1,0 2.200 |
| E341458201060 | 02444177 | BT40 ADB | M10 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | 23,0 0.906 | 19,7 0.776 | 125,4 4.937 | 6,3 | 1 | 1 | G6.3 | 1,1 2.430 |
| E341458211060 | 02444314 | BT40 ADB | M10 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | - | 19,7 0.776 | 125,4 4.937 | - | 2 | 1 | G6.3 | 1,1 2.430 |
| E341458201085 | 02444181 | BT40 ADB | M10 | 85,0 3.346 | 58,0 2.283 | 50,0 1.969 | 15,0 0.591 | 18,5 0.728 | 24,5 0.965 | 19,7 0.776 | 150,4 5.921 | 3,9 | 1 | 1 | G6.3 | 1,1 2.430 |
| E3414582010135 | 02444160 | BT40 ADB | M10 | 135,0 5.315 | 108,0 4.252 | 100,0 3.937 | 20,0 0.787 | 18,5 0.728 | 27,5 1.083 | 19,7 0.776 | 200,4 7.890 | 2,8 | 1 | 1 | G6.3 | 1,3 2.870 |
| E341458201240 | 02444230 | BT40 ADB | M12 | 40,0 1.575 | 13,0 0.512 | 5,0 0.197 | 5,0 0.197 | 23,0 0.906 | 24,7 0.972 | 24,7 0.972 | 105,4 4.150 | 9,6 | 1 | 1 | G6.3 | 1,0 2.200 |
| E341458201260 | 02444239 | BT40 ADB | M12 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 23,0 0.906 | 28,5 1.122 | 24,7 0.972 | 125,4 4.937 | 7,2 | 1 | 1 | G6.3 | 1,1 2.430 |
| E341458211260 | 02444315 | BT40 ADB | M12 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 23,0 0.906 | - | 23,5 0.925 | 125,4 4.937 | - | 2 | 1 | G6.3 | 1,1 2.430 |
| E341458201285 | 02444242 | BT40 ADB | M12 | 85,0 3.346 | 58,0 2.283 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | 30,0 1.181 | 24,7 0.972 | 150,4 5.921 | 5,0 | 1 | 1 | G6.3 | 1,2 2.650 |
| E341458211285 | 02444321 | BT40 ADB | M12 | 85,0 3.346 | 58,0 2.283 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | - | 23,5 0.925 | 150,4 5.921 | - | 2 | 1 | G6.3 | 1,1 2.430 |
| E3414582012110 | 02444182 | BT40 ADB | M12 | 110,0 4.331 | 83,0 3.268 | 75,0 2.953 | 25,0 0.984 | 23,0 0.906 | 31,5 1.240 | 24,7 0.972 | 175,4 6.906 | 3,9 | 1 | 1 | G6.3 | 1,3 2.870 |
| E3414582012135 | 02444183 | BT40 ADB | M12 | 135,0 5.315 | 108,0 4.252 | 100,0 3.937 | 30,0 1.181 | 23,0 0.906 | 33,0 1.299 | 24,7 0.972 | 200,4 7.890 | 3,4 | 1 | 1 | G6.3 | 1,4 3.090 |
| E341458201640 | 02444275 | BT40 ADB | M16 | 40,0 1.575 | 13,0 0.512 | 5,0 0.197 | 5,0 0.197 | 30,0 1.181 | 31,7 1.248 | 31,7 1.248 | 105,4 4.150 | 9,6 | 1 | 1 | G6.3 | 1,0 2.200 |
| E341458201660 | 02444280 | BT40 ADB | M16 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 30,0 1.181 | 35,5 1.398 | 31,7 1.248 | 125,4 4.937 | 7,2 | 1 | 1 | G6.3 | 1,2 2.650 |
| E341458201685 | 02444283 | BT40 ADB | M16 | 85,0 3.346 | 58,0 2.283 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 37,0 1.457 | 31,7 1.248 | 150,4 5.921 | 5,0 | 1 | 1 | G6.3 | 1,3 2.870 |
| E3414582016110 | 02444243 | BT40 ADB | M16 | 110,0 4.331 | 83,0 3.268 | 75,0 2.953 | 25,0 0.984 | 30,0 1.181 | 38,5 1.516 | 31,7 1.248 | 175,4 6.906 | 3,9 | 1 | 1 | G6.3 | 1,5 3.310 |
| E3414582016135 | 02444252 | BT40 ADB | M16 | 135,0 5.315 | 108,0 4.252 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 40,5 1.594 | 31,7 1.248 | 200,4 7.890 | 3,6 | 1 | 1 | G6.3 | 1,7 3.750 |
| E3414582016185 | 02444269 | BT40 ADB | M16 | 185,0 7.283 | 158,0 6.220 | 150,0 5.906 | 35,0 1.378 | 30,0 1.181 | 50,0 1.969 | 31,7 1.248 | 250,4 9.858 | 4,5 | 1 | 1 | G6.3 | 2,4 5.290 |
| E341458212045 | 02971297 | BT40 ADB | M20 | 45,0 1.772 | 18,0 0.709 | 10,0 0.394 | 5,0 0.197 | 36,5 1.437 | - | 37,0 1.457 | 110,4 4.346 | - | 2 | 1 | G6.3 | 1,1 2.430 |
| E341458212085 | 02971298 | BT40 ADB | M20 | 85,0 3.346 | 58,0 2.283 | 50,0 1.969 | 20,0 0.787 | 36,5 1.437 | - | 37,0 1.457 | 150,4 5.921 | - | 2 | 1 | G6.3 | 1,3 2.870 |
| E3414582020110 | 02928181 | BT40 ADB | M20 | 110,0 4.331 | 83,0 3.268 | 75,0 2.953 | 25,0 0.984 | 36,5 1.437 | 44,5 1.752 | 37,5 1.476 | 175,4 6.906 | 4,0 | 1 | 1 | G6.3 | 1,6 3.530 |
| BT40ADB-M20-135 | 03308015 | BT40 ADB | M20 | 135,0 5.315 | 108,0 4.252 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | - | 37,0 1.457 | 200,4 7.890 | - | 2 | 1 | G6.3 | 1,7 3.750 |

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 BT JIS
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 Combimaster
 Graffex
 Seco Capto™
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 Shrinkfit

| Guide | Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|--------|-------------------|-------------|----------|------|-----------------|-----------------|----------------|---------------|---------------|---------------|---------------|-----------------|-------|--------|-----------|-----------|---------------|
| | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| | BT40ADB-M20-185 | 03308017 | BT40 ADB | M20 | 185,0 7.283 | 158,0 6.220 | 150,0 5.906 | 35,0 1.378 | 36,5 1.437 | - | 37,0 1.457 | 250,4 9.858 | - | 2 | 1 | G6.3 | 2,1 4.630 |
| HSK-A | E341658201295 | 02444349 | BT50 ADB | M12 | 95,0 3.740 | 57,0 2.244 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | 35,0 1.378 | 24,7 0.972 | 196,8 7.748 | 9,7 | 1 | 1 | G6.3 | 3,8 8.380 |
| | E3416582012145 | 02444323 | BT50 ADB | M12 | 145,0 5.709 | 107,0 4.213 | 100,0 3.937 | 30,0 1.181 | 23,0 0.906 | 41,0 1.614 | 24,7 0.972 | 246,8 9.717 | 6,6 | 1 | 1 | G6.3 | 4,1 9.040 |
| | E3416582012195 | 02444326 | BT50 ADB | M12 | 195,0 7.677 | 157,0 6.181 | 150,0 5.906 | 30,0 1.181 | 23,0 0.906 | 42,5 1.673 | 24,7 0.972 | 296,8 11.685 | 4,2 | 1 | 1 | G6.3 | 4,4 9.700 |
| HSK-E | E341658201695 | 02444382 | BT50 ADB | M16 | 95,0 3.740 | 57,0 2.244 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 42,5 1.673 | 31,7 1.248 | 196,8 7.748 | 10,2 | 1 | 1 | G6.3 | 3,9 8.600 |
| | E3416582016145 | 02444378 | BT50 ADB | M16 | 145,0 5.709 | 107,0 4.213 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 49,0 1.929 | 31,7 1.248 | 246,8 9.717 | 7,0 | 1 | 1 | G6.3 | 4,4 9.700 |
| | E3416582016195 | 02444380 | BT50 ADB | M16 | 195,0 7.677 | 157,0 6.181 | 150,0 5.906 | 35,0 1.378 | 30,0 1.181 | 50,0 1.969 | 31,7 1.248 | 296,9 11.689 | 4,5 | 1 | 1 | G6.3 | 4,8 10.580 |
| DIN | E3416582016245 | 02444381 | BT50 ADB | M16 | 245,0 9.646 | 207,0 8.150 | 200,0 7.874 | 35,0 1.378 | 30,0 1.181 | 55,0 2.165 | 31,7 1.248 | 346,8 13.654 | 4,0 | 1 | 1 | G6.3 | 5,4 11.900 |
| | E3416582016295 | 02453355 | BT50 ADB | M16 | 295,0 11.614 | 257,0 10.118 | 250,0 9.843 | 35,0 1.378 | 30,0 1.181 | 59,5 2.343 | 31,7 1.248 | 396,8 15.622 | 3,7 | 1 | 1 | G6.3 | 6,3 13.890 |
| | E341658202095 | 02928182 | BT50 ADB | M20 | 95,0 3.740 | 57,0 2.244 | 50,0 1.969 | 20,0 0.787 | 36,5 1.437 | 48,5 1.909 | 37,5 1.476 | 196,8 7.748 | 10,4 | 1 | 1 | G6.3 | 4,0 8.820 |
| BT JIS | BT50ADB-M20-145 | 03308019 | BT50 ADB | M20 | 145,0 5.709 | 107,0 4.213 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | - | 37,0 1.457 | 246,8 9.717 | - | 2 | 1 | G6.3 | 4,3 9.480 |
| | BT50ADB-M20-295-V | 03308020 | BT50 ADB | M20 | 295,0 11.614 | 257,0 10.118 | 249,0 9.803 | 35,0 1.378 | 36,5 1.437 | 68,0 2.677 | 37,0 1.457 | 396,8 15.622 | 4,8 | 1 | 1 | G6.3 | 7,8 17.200 |

Spare Parts, included in delivery

| CAT | For | Sealing Screws |
|-------------|------|---|
| | |  |
| Combimaster | BT40 | 950A0406 |
| | BT50 | 950A0606 |

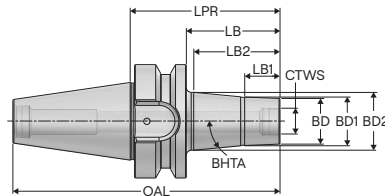
| Graflex | Seco Capto™ | Others | Operating & setting accessories | Shrinkfit |
|---------|-------------|--------|---------------------------------|-----------|
| | | | | |

BT Taper Face to Combimaster
- Metric/ Inch

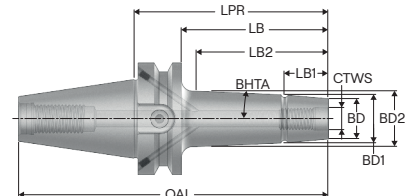
BT Taper-Face-AD/ADB



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD2 | BD1 | BD | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|----------------|-------------|-------------|------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|-----------------|-------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| E400258201060 | 02998769 | BT30 TF AD | M10 | 60,0 2.362 | 38,0 1.496 | 35,0 1.378 | 15,0 0.591 | 23,5 0.925 | 19,7 0.776 | 18,5 0.728 | 108,4 4.268 | 5,4 | 1 | 0 | G2.5 | 0,5 1.100 |
| E400258201260 | 02998770 | BT30 TF AD | M12 | 60,0 2.362 | 38,0 1.496 | 25,0 0.984 | 10,0 0.394 | 28,5 1.122 | 24,7 0.972 | 23,0 0.906 | 108,4 4.268 | 7,2 | 1 | 0 | G2.5 | 0,6 1.320 |
| E400258201660 | 02998771 | BT30 TF AD | M16 | 60,0 2.362 | 38,0 1.496 | 25,0 0.984 | 10,0 0.394 | 35,5 1.398 | 31,7 1.248 | 30,0 1.181 | 108,4 4.268 | 7,2 | 1 | 0 | G2.5 | 0,6 1.320 |
| E321458201660 | 02926030 | BT40 TF ADB | M16 | 60,0 2.362 | 33,0 1.299 | 25,0 0.984 | 10,0 0.394 | 35,5 1.398 | 31,7 1.248 | 30,0 1.181 | 125,4 4.937 | 7,2 | 2 | 1 | G6.3 | 1,2 2.650 |
| E3214582016135 | 02926031 | BT40 TF ADB | M16 | 135,0 5.315 | 108,0 4.252 | 100,0 3.937 | 30,0 1.181 | 40,5 1.594 | 31,7 1.248 | 30,0 1.181 | 200,4 7.890 | 3,6 | 2 | 1 | G6.3 | 1,7 3.750 |
| E321658201695 | 02926040 | BT50 TF ADB | M16 | 95,0 3.740 | 57,0 2.244 | 50,0 1.969 | 20,0 0.787 | 42,5 1.673 | 31,7 1.248 | 30,0 1.181 | 196,8 7.748 | 10,2 | 2 | 1 | G6.3 | 4,0 8.820 |
| E3216582016195 | 02926041 | BT50 TF ADB | M16 | 195,0 7.677 | 157,0 6.181 | 150,0 5.906 | 35,0 1.378 | 50,0 1.969 | 31,7 1.248 | 30,0 1.181 | 296,8 11.685 | 4,5 | 2 | 1 | G6.3 | 4,8 10.580 |

Spare Parts, included in delivery

| For | Sealing Screws |
|------|----------------|
| BT30 | - |
| BT40 | 950A0406 |
| BT50 | 950A0606 |



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Combimaster

Graflex

Seco Capto™

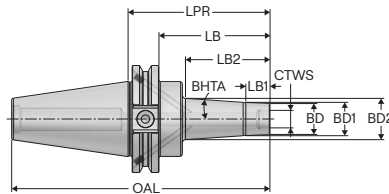
Others

Operating & setting accessories

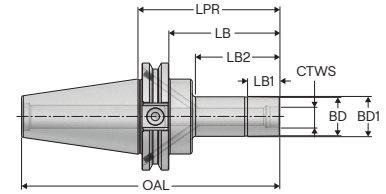
Shrinkfit



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|--------------------|-------------|-----------|------|----------------|-----------------|----------------|---------------|---------------|---------------|---------------|------------------|-------|--------|-----------|-----------|--------------|
| | | | | mm | mm | mm | mm | mm | mm | mm | mm | | | | | kg |
| | | | | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E250258200860 | 02870633 | CAT40 ADB | M8 | 60,0 2.362 | 40,95 1.612 | 25,0 0.984 | 10,0 0.394 | 13,5 0.531 | 18,5 0.728 | 15,7 0.618 | 128,4 5.055 | 5,3 | 1 | 1 | G6.3 | 1,0 2.200 |
| E250258201040 | 02870634 | CAT40 ADB | M10 | 40,0 1.575 | 20,95 0.825 | 5,0 0.197 | 5,0 0.197 | 18,5 0.728 | 19,7 0.776 | 19,7 0.776 | 108,4 4.268 | 6,8 | 1 | 1 | G6.3 | 1,0 2.200 |
| E250258201085 | 02870507 | CAT40 ADB | M10 | 85,0 3.346 | 65,95 2.596 | 50,0 1.969 | 15,0 0.591 | 18,5 0.728 | 24,5 0.965 | 19,7 0.776 | 153,4 6.039 | 3,9 | 1 | 1 | G6.3 | 1,1 2.430 |
| E250258201240 | 02870635 | CAT40 ADB | M12 | 40,0 1.575 | 20,95 0.825 | 5,0 0.197 | 5,0 0.197 | 23,0 0.906 | 25,7 1.012 | 25,7 1.012 | 108,4 4.268 | 9,6 | 1 | 1 | G6.3 | 1,0 2.200 |
| E250258211285 | 02870509 | CAT40 ADB | M12 | 85,0 3.346 | 65,95 2.596 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | - | 23,5 0.925 | 153,4 6.039 | - | 2 | 1 | G6.3 | 1,1 2.430 |
| E250258201640 | 02870636 | CAT40 ADB | M16 | 40,0 1.575 | 20,95 0.825 | 5,0 0.197 | 5,0 0.197 | 30,0 1.181 | 32,7 1.287 | 32,7 1.287 | 108,4 4.268 | 9,6 | 1 | 1 | G6.3 | 1,0 2.200 |
| E250258211685 | 02870511 | CAT40 ADB | M16 | 85,0 3.346 | 65,95 2.596 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | - | 30,5 1.201 | 153,4 6.039 | - | 2 | 1 | G6.3 | 1,2 2.650 |
| E2502582116135 | 02870512 | CAT40 ADB | M16 | 135,0 5.315 | 115,95 4.565 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | - | - | 203,4 8.008 | - | 2 | 1 | G6.3 | 1,5 3.310 |
| E250458201295 | 02870639 | CAT50 ADB | M12 | 95,0 3.740 | 75,95 2.990 | 60,0 2.362 | 25,0 0.984 | 23,0 0.906 | 30,5 1.201 | 24,7 0.972 | 196,75 7.746 | 4,7 | 1 | 1 | G6.3 | 3,2 7.050 |
| E2504582012145 | 02870640 | CAT50 ADB | M12 | 145,0 5.709 | 125,95 4.959 | 110,0 4.331 | 30,0 1.181 | 23,0 0.906 | 38,5 1.516 | 24,7 0.972 | 246,75 9.715 | 4,9 | 1 | 1 | G6.3 | 3,5 7.720 |
| E250458201695 | 02870641 | CAT50 ADB | M16 | 95,0 3.740 | 75,95 2.990 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 42,5 1.673 | 31,7 1.248 | 196,75 7.746 | 10,2 | 1 | 1 | G6.3 | 3,4 7.500 |
| E2504582016145 | 02870642 | CAT50 ADB | M16 | 145,0 5.709 | 125,95 4.959 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 49,0 1.929 | 31,7 1.248 | 246,75 9.715 | 7,0 | 1 | 1 | G6.3 | 3,9 8.600 |
| E2504582016195 | 02870643 | CAT50 ADB | M16 | 195,0 7.677 | 175,95 6.927 | 150,0 5.906 | 35,0 1.378 | 30,0 1.181 | 50,0 1.969 | 31,7 1.248 | 296,75 11.683 | 4,55 | 1 | 1 | G6.3 | 4,4 9.700 |
| CAT50ADB-M20-3.740 | 03308033 | CAT50 ADB | M20 | 95,0 3.740 | 75,89 2.988 | 50,0 1.969 | 20,0 0.787 | 36,5 1.437 | - | 37,0 1.457 | 196,75 7.746 | - | 2 | 1 | G6.3 | 3,4 7.500 |
| CAT50ADB-M20-5.709 | 03308034 | CAT50 ADB | M20 | 145,0 5.709 | 125,9 4.957 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | - | 37,0 1.457 | 246,5 9.705 | - | 2 | 1 | G6.3 | 3,8 8.380 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| CAT40 | 950A0406 |
| CAT50 | 950A0606 |

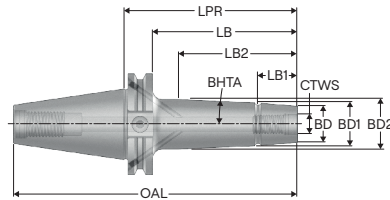


CAT to Combimaster
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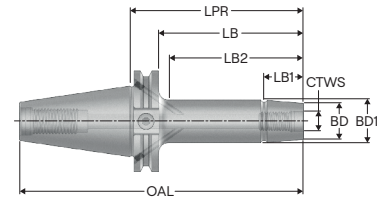
CAT / ASME B5.50-2009-ADB



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E260258202040 | 03029742 | CAT40 ADB | M20 | 1.575 | 0.823 | 0.783 | 0.197 | 1.437 | 1.476 | 1.476 | 4.268 | 5,7 | 1 | 1 | G6.3 | 1.980 |
| E260258212085 | 03029743 | CAT40 ADB | M20 | 3.346 | 2.594 | 2.437 | 0.787 | 1.437 | - | 1.457 | 6.039 | - | 2 | 1 | G6.3 | 2.870 |
| E2602582120135 | 03029746 | CAT40 ADB | M20 | 5.315 | 4.563 | 4.445 | 0.787 | 1.437 | - | 1.457 | 8.008 | - | 2 | 1 | G6.3 | 3.530 |
| E260458202095 | 03029757 | CAT50 ADB | M20 | 3.740 | 2.988 | 1.969 | 0.787 | 1.437 | 1.909 | 1.476 | 7.748 | 6,9 | 1 | 1 | G6.3 | 7.280 |
| E2604582020145 | 03029758 | CAT50 ADB | M20 | 5.709 | 4.957 | 3.937 | 1.181 | 1.437 | 2.146 | 1.476 | 9.717 | 4,1 | 1 | 1 | G6.3 | 8.600 |
| E2604582020195 | 03029759 | CAT50 ADB | M20 | 7.677 | 6.925 | 5.906 | 0.787 | 1.437 | 2.205 | 1.476 | 11.685 | 10,4 | 1 | 1 | G6.3 | 10.140 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| CAT40 | 950A0406 |
| CAT50 | 950A0606 |



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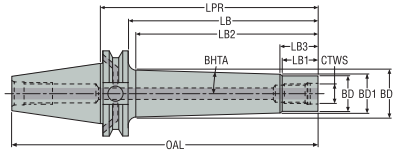
Shrinkfit

Steadyline®, vibration damping
– Inch

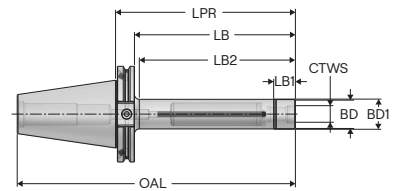
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Design 1



Design 2



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | LB3 | BD | BD2 | BD1 | OAL | BHTA° | Design | Max. RPM | RFID hole | Balancing | Weight |
|----------------|-------------|--------------|------|-------|-------|-------|-------|------|-------|------|-------|--------|-------|--------|----------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | | lbs |
| E2644K82116185 | 02998768 | CAT50 TF ADB | M16 | 7.283 | 6.531 | 6.335 | 0.866 | - | 1.181 | - | 1.201 | 11.289 | - | 2 | 8000 | 1 | PB | 7.940 |

Spare Parts, included in delivery

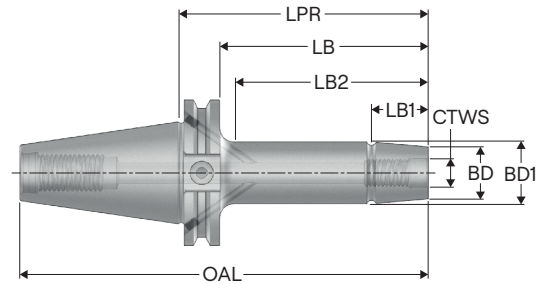
| For | Sealing Screws |
|----------------|----------------|
| E2644K82116185 | 950A0606 |



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-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD1 | OAL | RFID hole | Balancing | Weight |
|----------------------|-------------|--------------|------|----------------|----------------|----------------|---------------|---------------|---------------|-----------------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| CAT40TFADB-M16-5.315 | 03308028 | CAT40 TF ADB | M16 | 135,0 5.315 | 115,9 4.563 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 30,5 1.201 | 203,4 8.008 | 1 | G6.3 | 1,4 3.090 |
| CAT40TFADB-M20-1.772 | 03308029 | CAT40 TF ADB | M20 | 45,0 1.772 | 25,9 1.020 | 10,0 0.394 | 5,0 0.197 | 36,5 1.437 | 37,0 1.457 | 113,4 4.465 | 1 | G6.3 | 1,0 2.200 |
| CAT40TFADB-M20-3.346 | 03308030 | CAT40 TF ADB | M20 | 85,0 3.346 | 65,9 2.594 | 50,0 1.969 | 20,0 0.787 | 36,5 1.437 | 37,0 1.457 | 153,4 6.039 | 1 | G6.3 | 1,3 2.870 |
| CAT40TFADB-M20-5.315 | 03308031 | CAT40 TF ADB | M20 | 135,0 5.315 | 115,9 4.563 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | 37,0 1.457 | 203,4 8.008 | 1 | G6.3 | 1,7 3.750 |
| CAT50TFADB-M16-5.709 | 03308035 | CAT50 TF ADB | M16 | 145,0 5.709 | 125,9 4.957 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 30,5 1.201 | 246,75 9.715 | 1 | G6.3 | 3,4 7.500 |
| CAT50TFADB-M20-3.740 | 03308036 | CAT50 TF ADB | M20 | 95,0 3.740 | 75,9 2.988 | 60,0 2.362 | 25,0 0.984 | 36,5 1.437 | 37,0 1.457 | 196,75 7.746 | 1 | G6.3 | 3,1 6.830 |
| CAT50TFADB-M20-5.709 | 03308037 | CAT50 TF ADB | M20 | 145,0 5.709 | 125,9 4.957 | 100,0 3.937 | 30,0 1.181 | 36,5 1.437 | 37,0 1.457 | 246,75 9.715 | 1 | G6.3 | 3,5 7.720 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| CAT40 | 950A0406 |
| CAT50 | 950A0606 |



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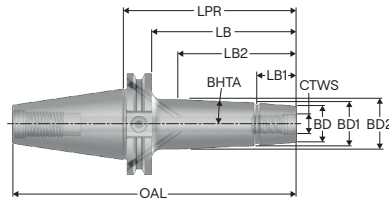
Shrinkfit

CAT Taper Face to Combimaster
- Inch

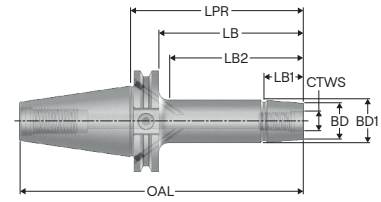
CAT TF / ASME B5.50-2009-ADB



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|---------------|-------------|--------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| E264258201685 | 02998760 | CAT40 TF ADB | M16 | 3.346 | 2.596 | 1.969 | 0.787 | 1.181 | 1.457 | 1.248 | 6.039 | 5,0 | 1 | 1 | G6.3 | 2.870 |
| E264258211685 | 02998761 | CAT40 TF ADB | M16 | 3.346 | 2.596 | 2.400 | 0.984 | 1.181 | - | 1.201 | 6.039 | - | 2 | 1 | G6.3 | 2.650 |
| E264458201695 | 02926852 | CAT50 TF ADB | M16 | 3.740 | 2.990 | 2.362 | 0.984 | 1.181 | 1.732 | 1.248 | 7.748 | 10,0 | 1 | 1 | G6.3 | 7.050 |

Spare Parts, included in delivery

| For | Sealing Screws |
|-------|----------------|
| CAT40 | 950A0406 |
| CAT50 | 950A0606 |

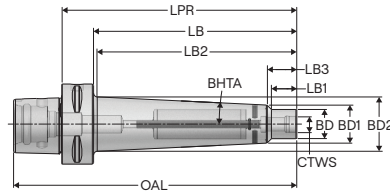


Steadyline®, vibration damping
– Metric/ Inch

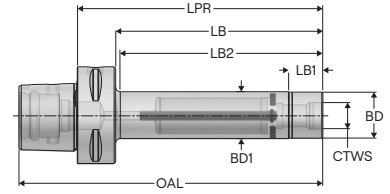
Seco Capto™



Design 1



Design 2



–With through coolant
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB3 | LB1 | BD | BD1 | BD2 | OAL | BHTA° | Design | Max. RPM | RFID hole | Balancing | Weight |
|-------------------|-------------|------|------|----------------|----------------|-----------------|---------------|---------------|---------------|---------------|----------------|-----------------|-------|--------|----------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | | |
| C6-391.K820-12185 | 02904481 | C6 | M12 | 185,0 7.283 | 160,0 6.299 | 157,14 6.187 | 24,0 0.945 | 20,0 0.787 | 23,0 0.906 | 30,0 1.181 | 43,07 1.696 | 223,0 8.780 | 2,75 | 1 | 9000 | 1 | PB | 2,1 4.630 |
| C6-391.K820-16185 | 02904483 | C6 | M16 | 185,0 7.283 | 160,0 6.299 | 157,14 6.187 | 24,0 0.945 | 20,0 0.787 | 30,0 1.181 | 37,0 1.457 | 50,07 1.971 | 223,0 8.780 | 2,75 | 1 | 9000 | 1 | PB | 2,8 6.170 |
| C6-391.K820-16235 | 02904484 | C6 | M16 | 235,0 9.252 | 210,0 8.268 | 207,14 8.155 | 24,0 0.945 | 20,0 0.787 | 30,0 1.181 | 37,0 1.457 | 54,87 2.160 | 273,0 10.748 | 2,75 | 1 | 8000 | 1 | PB | 3,6 7.940 |
| C6-391.K821-16160 | 02904482 | C6 | M16 | 160,0 6.299 | 135,0 5.315 | 132,0 5.197 | – | 22,0 0.866 | 30,0 1.181 | 30,5 1.201 | – | 198,0 7.795 | – | 2 | 9000 | 1 | PB | 0,7 1.540 |
| C6-391.K820-20185 | 03029792 | C6 | M20 | 185,0 7.283 | 160,0 6.299 | 158,1 6.224 | 29,0 1.142 | 24,5 0.965 | 36,5 1.437 | 45,0 1.772 | 57,58 2.267 | 223,0 8.780 | 2,75 | 1 | 8000 | 1 | PB | 3,6 7.940 |
| C6-391.K820-20235 | 03029793 | C6 | M20 | 235,0 9.252 | 210,0 8.268 | 209,63 8.253 | 29,0 1.142 | 24,5 0.965 | 36,5 1.437 | 45,0 1.772 | 62,39 2.456 | 273,0 10.748 | 2,75 | 1 | 6000 | 1 | PB | 4,6 10.140 |

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– Metric/ Inch

Seco Capto™

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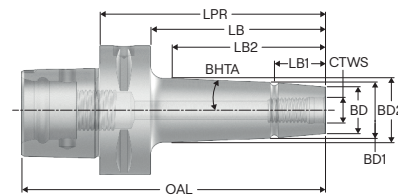
Others

Operating & setting accessories

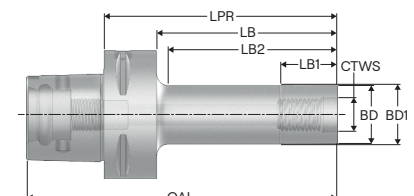
Shrinkfit



Design 1



Design 2



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD1 | BD2 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|-------------------|-------------|------|------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| C4-391.5820-08030 | 02532914 | C4 | M8 | 30,0 1.181 | 7,0 0.276 | 5,0 0.197 | 5,0 0.197 | 13,5 0.531 | 15,7 0.618 | – | 54,0 2.126 | – | 2 | 0 | G6.3 | 0,3 0.660 |
| C4-391.5820-10035 | 02532915 | C4 | M10 | 35,0 1.378 | 12,0 0.472 | 10,0 0.394 | 5,0 0.197 | 18,5 0.728 | 19,7 0.776 | 22,0 0.866 | 59,0 2.323 | 13,0 | 1 | 0 | G6.3 | 0,3 0.660 |
| C4-391.5820-12040 | 02532916 | C4 | M12 | 40,0 1.575 | 17,0 0.669 | 15,0 0.591 | 10,0 0.394 | 23,0 0.906 | 24,7 0.972 | 28,0 1.102 | 64,0 2.520 | 18,3 | 1 | 0 | G6.3 | 0,4 0.880 |
| C4-391.5820-16045 | 02532917 | C4 | M16 | 45,0 1.772 | 22,0 0.866 | 21,0 0.827 | 10,0 0.394 | 30,0 1.181 | 31,7 1.248 | 35,5 1.398 | 69,0 2.717 | 10,8 | 1 | 0 | G6.3 | 0,4 0.880 |
| C5-391.5820-08050 | 02532918 | C5 | M8 | 50,0 1.969 | 27,0 1.063 | 25,0 0.984 | 10,0 0.394 | 13,5 0.531 | 15,7 0.618 | 18,5 0.728 | 80,0 3.150 | 5,3 | 1 | 1 | G6.3 | 0,47 1.040 |
| C5-391.5820-10050 | 02532920 | C5 | M10 | 50,0 1.969 | 27,0 1.063 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | 19,7 0.776 | 23,0 0.906 | 80,0 3.150 | 6,3 | 1 | 1 | G6.3 | 0,52 1.150 |
| C5-391.5820-12050 | 02532922 | C5 | M12 | 50,0 1.969 | 27,0 1.063 | 25,0 0.984 | 10,0 0.394 | 23,0 0.906 | 24,7 0.972 | 28,5 1.122 | 80,0 3.150 | 7,2 | 1 | 1 | G6.3 | 0,6 1.320 |
| C5-391.5820-16075 | 02532925 | C5 | M16 | 75,0 2.953 | 52,0 2.047 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 31,7 1.248 | 37,0 1.457 | 105,0 4.134 | 5,0 | 1 | 1 | G6.3 | 0,8 1.760 |
| C5-M16-135 | 03308021 | C5 | M16 | 135,0 5.315 | 112,0 4.409 | 110,0 4.331 | 35,0 1.378 | 30,0 1.181 | 30,5 1.201 | – | 165,0 6.496 | – | 2 | 1 | G6.3 | 1,1 2.430 |
| C5-391.5820-20075 | 02928187 | C5 | M20 | 75,0 2.953 | 52,0 2.047 | 50,0 1.969 | 20,0 0.787 | 36,5 1.437 | 37,5 1.476 | 43,0 1.693 | 105,0 4.134 | 5,3 | 1 | 1 | G6.3 | 0,9 1.980 |
| C5-M20-135 | 03308022 | C5 | M20 | 135,0 5.315 | 112,0 4.409 | 110,0 4.331 | 35,0 1.378 | 36,5 1.437 | 37,0 1.457 | – | 165,0 6.496 | – | 2 | 1 | G6.3 | 1,3 2.870 |
| C6-391.5820-08075 | 02532928 | C6 | M8 | 75,0 2.953 | 50,0 1.969 | 45,0 1.772 | 15,0 0.591 | 13,5 0.531 | 15,7 0.618 | 20,0 0.787 | 113,0 4.449 | 4,1 | 1 | 1 | G6.3 | 0,9 1.980 |
| C6-391.5820-10075 | 02532930 | C6 | M10 | 75,0 2.953 | 50,0 1.969 | 45,0 1.772 | 15,0 0.591 | 18,5 0.728 | 19,7 0.776 | 24,0 0.945 | 113,0 4.449 | 4,1 | 1 | 1 | G6.3 | 1,0 2.200 |
| C6-391.5820-12050 | 02532931 | C6 | M12 | 50,0 1.969 | 25,0 0.984 | 20,0 0.787 | 10,0 0.394 | 23,0 0.906 | 24,7 0.972 | 28,0 1.102 | 88,0 3.465 | 9,4 | 1 | 1 | G6.3 | 0,9 1.980 |
| C6-391.5820-12075 | 02532932 | C6 | M12 | 75,0 2.953 | 50,0 1.969 | 45,0 1.772 | 20,0 0.787 | 23,0 0.906 | 24,7 0.972 | 29,5 1.161 | 113,0 4.449 | 5,5 | 1 | 1 | G6.3 | 1,0 2.200 |
| C6-391.5820-16050 | 02532933 | C6 | M16 | 50,0 1.969 | 25,0 0.984 | 20,0 0.787 | 10,0 0.394 | 30,0 1.181 | 31,7 1.248 | 35,5 1.398 | 88,0 3.465 | 10,8 | 1 | 1 | G6.3 | 1,0 2.200 |
| C6-391.5820-16075 | 02532934 | C6 | M16 | 75,0 2.953 | 50,0 1.969 | 45,0 1.772 | 20,0 0.787 | 30,0 1.181 | 31,7 1.248 | 37,0 1.457 | 113,0 4.449 | 6,1 | 1 | 1 | G6.3 | 1,1 2.430 |
| C6-M16-110 | 03308023 | C6 | M16 | 110,0 4.331 | 85,0 3.346 | 80,0 3.150 | 25,0 0.984 | 30,0 1.181 | 30,5 1.201 | – | 148,0 5.827 | – | 2 | 1 | G6.3 | 1,3 2.870 |
| C6-M16-145 | 03308024 | C6 | M16 | 145,0 5.709 | 120,0 4.724 | 115,0 4.528 | 35,0 1.378 | 30,0 1.181 | 30,5 1.201 | – | 183,0 7.205 | – | 2 | 1 | G6.3 | 1,5 3.310 |
| C6-391.5820-20075 | 02928188 | C6 | M20 | 75,0 2.953 | 50,0 1.969 | 45,0 1.772 | 20,0 0.787 | 36,5 1.437 | 37,5 1.476 | 42,5 1.673 | 113,0 4.449 | 5,8 | 1 | 1 | G6.3 | 1,2 2.650 |
| C6-M20-110 | 03308025 | C6 | M20 | 110,0 4.331 | 85,0 3.346 | 80,0 3.150 | 25,0 0.984 | 36,5 1.437 | 37,0 1.457 | – | 110,0 4.331 | – | 2 | 1 | G6.3 | 1,4 3.090 |
| C6-M20-145 | 03308026 | C6 | M20 | 145,0 5.709 | 120,0 4.724 | 115,0 4.528 | 35,0 1.378 | 36,5 1.437 | 37,0 1.457 | – | 183,0 7.205 | – | 2 | 1 | G6.3 | 1,7 3.750 |
| C8-391.5820-12085 | 02532937 | C8 | M12 | 85,0 3.346 | 52,0 2.047 | 50,0 1.969 | 20,0 0.787 | 23,0 0.906 | 24,7 0.972 | 35,0 1.378 | 133,0 5.236 | 9,7 | 1 | 1 | G6.3 | 2,1 4.630 |

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD1 | BD2 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|-------------------|-------------|------|------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|-------|--------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| C8-391.5820-16085 | 02532938 | C8 | M16 | 85,0 3.346 | 52,0 2.047 | 50,0 1.969 | 20,0 0.787 | 30,0 1.181 | 31,7 1.248 | 42,5 1.673 | 133,0 5.236 | 10,2 | 1 | 1 | G6.3 | 2,3 5.070 |
| C8-M20-145 | 03308027 | C8 | M20 | 145,0 5.709 | 112,0 4.409 | 110,0 4.331 | 35,0 1.378 | 36,5 1.437 | 37,0 1.457 | - | 193,0 7.598 | - | 2 | 1 | G6.3 | 2,6 5.730 |

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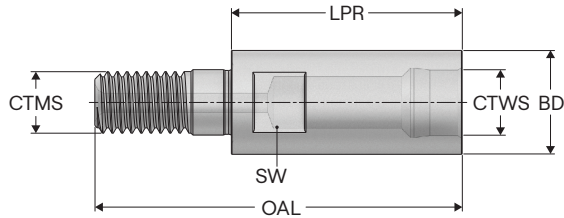
Graflex

Seco Capto™

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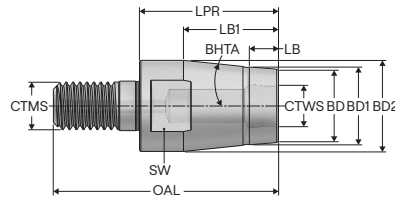
| Designation | Item number | CTMS | CTWS | LPR | BD | OAL | SW | RFID hole | Balancing | Weight |
|---------------|-------------|------|------|---------------|---------------|----------------|---------------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| BS00658200625 | 02643834 | M6 | M6 | 25,0 0.984 | 11,0 0.433 | 38,5 1.516 | 9,0 0.354 | 0 | PB | 0,1 0.220 |
| BS00858200830 | 02439880 | M8 | M8 | 30,0 1.181 | 13,5 0.531 | 47,75 1.880 | 11,0 0.433 | 0 | PB | 0,1 0.220 |
| BS01058201035 | 02444086 | M10 | M10 | 35,0 1.378 | 18,5 0.728 | 53,75 2.116 | 15,0 0.591 | 0 | PB | 0,1 0.220 |
| BS01258201240 | 02444093 | M12 | M12 | 40,0 1.575 | 23,0 0.906 | 61,75 2.431 | 19,0 0.748 | 0 | PB | 0,2 0.440 |
| BS01658201640 | 02444106 | M16 | M16 | 40,0 1.575 | 30,0 1.181 | 62,75 2.470 | 26,0 1.024 | 0 | PB | 0,2 0.440 |
| BS02058202045 | 02928185 | M20 | M20 | 45,0 1.772 | 36,5 1.437 | 72,0 2.835 | 32,0 1.260 | 0 | PB | 0,4 0.880 |

Combimaster to Combimaster
- Metric/ Inch

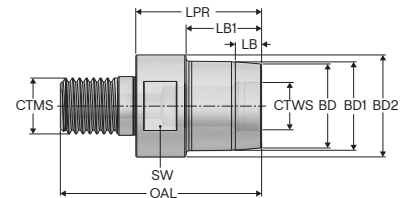
Combimaster



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB1 | LB | BD | BD1 | BD2 | OAL | SW | BHTA° | Design | RFID hole | Balancing | Weight |
|---------------|-------------|------|------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|------------|--------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| BS01058200635 | 02643838 | M10 | M6 | 35,0 1.378 | 22,0 0.866 | 6,0 0.236 | 11,0 0.433 | 11,7 0.461 | 18,5 0.728 | 53,75 2.116 | 15,0 0.591 | 12,0 | 1 | 0 | PB | 0,1 0.220 |
| BS01058200830 | 02439881 | M10 | M8 | 30,0 1.181 | 17,0 0.669 | 8,0 0.315 | 13,7 0.539 | 15,7 0.618 | 18,5 0.728 | 48,75 1.919 | 15,0 0.591 | 8,8 | 1 | 0 | PB | 0,1 0.220 |
| BS01258201035 | 02444092 | M12 | M10 | 35,0 1.378 | 24,0 0.945 | 8,0 0.315 | 18,5 0.728 | 19,7 0.776 | 23,0 0.906 | 56,75 2.234 | 19,0 0.748 | 5,9 | 1 | 0 | PB | 0,1 0.220 |
| BS01658201060 | 02444098 | M16 | M10 | 60,0 2.362 | 49,0 1.929 | 8,0 0.315 | 18,5 0.728 | 19,7 0.776 | 30,0 1.181 | 82,75 3.258 | 26,0 1.024 | 7,15 | 1 | 0 | PB | 0,3 0.660 |
| BS01658201240 | 02444102 | M16 | M12 | 40,0 1.575 | 29,0 1.142 | 8,0 0.315 | 23,0 0.906 | 24,7 0.972 | 30,0 1.181 | 62,75 2.470 | 26,0 1.024 | 7,2 | 1 | 0 | PB | 0,2 0.440 |
| BS02058201645 | 02971312 | M20 | M16 | 45,0 1.772 | 27,0 1.063 | 10,0 0.394 | 30,0 1.181 | 31,7 1.248 | 36,5 1.437 | 72,0 2.835 | 32,0 1.260 | - | 2 | 0 | PB | 0,4 0.880 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Combimaster to Shrinkfit
– Metric/ Inch

Guide

HSK-A

HSK-E

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BT JIS

CAT

Combimaster

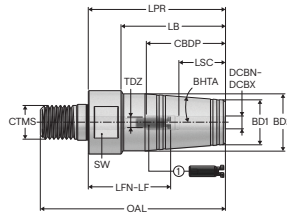
Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit




–Delivered with one stop screw
–For ISO attribute explanation, see page 15


Spare parts:
1 = Stop screw

| Designation | Item number | CTMS | DCBN | LPR | OAL | LB | LSC | CBDP | BD1 | BD2 | LFN | LF | SW | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------|-------------|------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| BS01656030665 | 02753121 | M16 | 6,0 0.236 | 65,0 2.559 | 87,75 3.455 | 49,0 1.929 | 22,0 0.866 | 37,5 1.476 | 21,0 0.827 | 27,0 1.063 | 29,0 1.142 | 39,0 1.535 | 26,0 1.024 | M5x0.8 | 4,5 | 0 | PB | 0,3 0.660 |
| BS01656030865 | 02753123 | M16 | 8,0 0.315 | 65,0 2.559 | 87,75 3.455 | 49,0 1.929 | 26,0 1.024 | 37,5 1.476 | 21,0 0.827 | 27,0 1.063 | 29,0 1.142 | 39,0 1.535 | 26,0 1.024 | M6x1 | 4,5 | 0 | PB | 0,3 0.660 |
| BS01656031070 | 02753125 | M16 | 10,0 0.394 | 70,0 2.756 | 92,75 3.652 | 54,0 2.126 | 31,0 1.220 | 42,5 1.673 | 24,0 0.945 | 32,0 1.260 | 29,0 1.142 | 39,0 1.535 | 26,0 1.024 | M8x1 | 4,5 | 0 | PB | 0,4 0.880 |
| BS01656031270 | 02753126 | M16 | 12,0 0.472 | 70,0 2.756 | 92,75 3.652 | 54,0 2.126 | 34,0 1.339 | 47,5 1.870 | 24,0 0.945 | 32,0 1.260 | 24,0 0.945 | 34,0 1.339 | 26,0 1.024 | M10x1 | 4,5 | 0 | PB | 0,4 0.880 |

Accessories

| | |
|-----|---|
| For | Balancing screws |
| |  |
| All | 90ZQ01 |

Spare Parts, included in delivery

| | |
|---------------|---|
| For | Stop screw |
| |  |
| BS01656030665 | 19BDR05165 |
| BS01656030865 | 19BDR06165 |
| BS01656031070 | 19BDR08165 |
| BS01656031270 | 19BDR10165 |



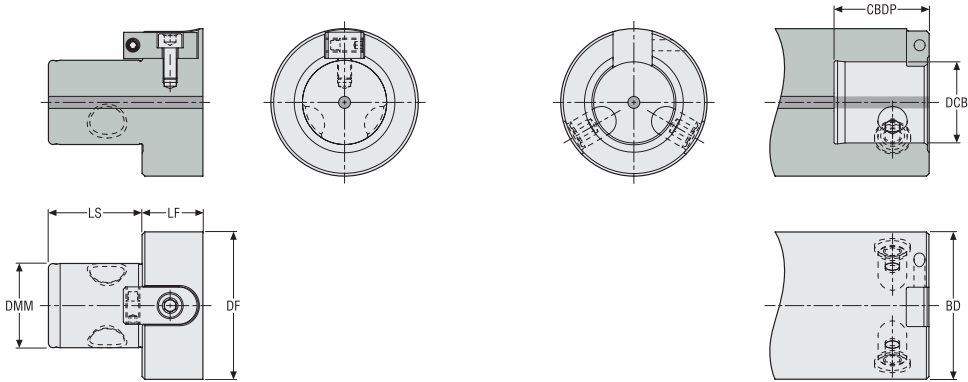
Graflex

Graflex assemblies include arbors, intermediates, tool holders and boring heads that can be rapidly built together when they are needed. Suitable for milling, drilling, tapping, reaming and boring, Graflex modules offer tooling of variable lengths and diameters and can be fitted on all types of machines simply by substituting the Graflex basic arbor.

- Excellent connection rigidity
- Wide range of modules offer high flexibility
- Through coolant possibilities

Machine side

Workpiece side



| Machine side catalogue designation | Hole for RFID carrier* | DF | DMM | LS | LF |
|------------------------------------|------------------------|-------------|-------------|-------------|--------------|
| | | mm inch | mm inch | mm inch | mm inch |
| G0 | No | 16 0.630 | 8 0.315 | 12 0.472 | 8 0.315 |
| G1 | No | 20 0.787 | 11 0.433 | 13 0.512 | 9,5 0.374 |
| G2 | No | 25 0.984 | 14 0.551 | 16 0.630 | 11 0.433 |
| G3 | No | 32 1.260 | 18 0.709 | 20 0.787 | 14 0.551 |
| G4 | No | 40 1.575 | 22 0.866 | 24 0.945 | 17 0.669 |
| G5 | No | 50 1.969 | 28 1.102 | 30 1.181 | 20 0.787 |
| G6 | No | 63 2.480 | 36 1.417 | 40 1.575 | 26 1.024 |
| G7 | No | 90 3.543 | 46 1.811 | 50 1.969 | 26 1.024 |

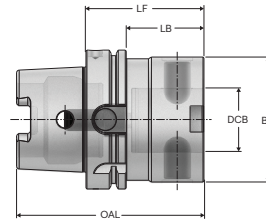
| Workpiece side catalogue designation | Hole for RFID carrier* | CBDP | DCB | BD |
|--------------------------------------|------------------------|-------------|-------------|-------------|
| | | mm inch | mm inch | mm inch |
| G0 | No | 16 0.630 | 8 0.315 | 12 0.472 |
| G1 | No | 20 0.787 | 11 0.433 | 13 0.512 |
| G2 | No | 25 0.984 | 14 0.551 | 16 0.630 |
| G3 | No | 32 1.260 | 18 0.709 | 20 0.787 |
| G4 | No | 40 1.575 | 22 0.866 | 24 0.945 |
| G5 | No | 50 1.969 | 28 1.102 | 30 1.181 |
| G6 | No | 63 2.480 | 36 1.417 | 40 1.575 |
| G7 | No | 90 3.543 | 46 1.811 | 50 1.969 |

Note: These machine side and workpiece side dimensions are applied to all the holders shown in the Product pages.

* No hole for RFID carriers

HSK-A to Graflex
- Metric/ Inch

HSK-A/ ISO12164-1-HSK-A


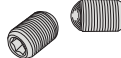


-For HSK sealing plugs, coolant tubes and tube spanners, see page(s) 370
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|----------------|-------------|----------|------|---------------|----------------|----------------|---------------|----------------|-----------|-----------|----------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| EM93034012870 | 00086917 | HSK-A50 | G5 | 28,0 1.102 | 70,0 2.756 | 44,0 1.732 | 50,0 1.969 | 95,0 3.740 | 1 | PB | 0,9 1.980 |
| EM93044011445 | 02469722 | HSK-A63 | G2 | 14,0 0.551 | 45,0 1.772 | 19,0 0.748 | 25,0 0.984 | 77,0 3.031 | 1 | G6.3 | 0,7 1.540 |
| EM93044011850 | 00086918 | HSK-A63 | G3 | 18,0 0.709 | 50,0 1.969 | 24,0 0.945 | 32,0 1.260 | 82,0 3.228 | 1 | G6.3 | 0,8 1.760 |
| EM93044012255 | 00088217 | HSK-A63 | G4 | 22,0 0.866 | 55,0 2.165 | 29,0 1.142 | 40,0 1.575 | 87,0 3.425 | 1 | G6.3 | 0,9 1.980 |
| EM93044012860 | 00086920 | HSK-A63 | G5 | 28,0 1.102 | 60,0 2.362 | 34,0 1.339 | 50,0 1.969 | 92,0 3.622 | 1 | PB | 1,0 2.200 |
| EM930440128100 | 00086921 | HSK-A63 | G5 | 28,0 1.102 | 100,0 3.937 | 74,0 2.913 | 50,0 1.969 | 132,0 5.197 | 1 | PB | 1,6 3.530 |
| EM930440128140 | 00086922 | HSK-A63 | G5 | 28,0 1.102 | 140,0 5.512 | 114,0 4.488 | 50,0 1.969 | 172,0 6.772 | 1 | PB | 2,18 4.810 |
| EM93044013670 | 00086923 | HSK-A63 | G6 | 36,0 1.417 | 70,0 2.756 | 44,0 1.732 | 63,0 2.480 | 102,0 4.016 | 1 | PB | 1,3 2.870 |
| EM930440136120 | 00086924 | HSK-A63 | G6 | 36,0 1.417 | 120,0 4.724 | 94,0 3.701 | 63,0 2.480 | 152,0 5.984 | 1 | PB | 2,38 5.250 |
| EM93064011855 | 00086925 | HSK-A100 | G3 | 18,0 0.709 | 55,0 2.165 | 26,0 1.024 | 32,0 1.260 | 105,0 4.134 | 1 | G6.3 | 2,2 4.850 |
| EM93064012260 | 00086926 | HSK-A100 | G4 | 22,0 0.866 | 60,0 2.362 | 31,0 1.220 | 40,0 1.575 | 110,0 4.331 | 1 | G6.3 | 2,3 5.070 |
| EM93064012865 | 00086927 | HSK-A100 | G5 | 28,0 1.102 | 65,0 2.559 | 36,0 1.417 | 50,0 1.969 | 115,0 4.528 | 1 | PB | 2,4 5.290 |
| EM930640128110 | 00086928 | HSK-A100 | G5 | 28,0 1.102 | 110,0 4.331 | 81,0 3.189 | 50,0 1.969 | 160,0 6.299 | 1 | PB | 3,1 6.830 |
| EM930640128150 | 00086929 | HSK-A100 | G5 | 28,0 1.102 | 150,0 5.906 | 121,0 4.764 | 50,0 1.969 | 200,0 7.874 | 1 | PB | 3,7 8.160 |
| EM93064013675 | 00083432 | HSK-A100 | G6 | 36,0 1.417 | 75,0 2.953 | 46,0 1.811 | 63,0 2.480 | 125,0 4.921 | 1 | PB | 2,8 6.170 |
| EM930640136120 | 00086931 | HSK-A100 | G6 | 36,0 1.417 | 120,0 4.724 | 91,0 3.583 | 63,0 2.480 | 170,0 6.693 | 1 | PB | 3,9 8.600 |
| EM930640136160 | 00086932 | HSK-A100 | G6 | 36,0 1.417 | 160,0 6.299 | 131,0 5.157 | 63,0 2.480 | 210,0 8.268 | 1 | PB | 4,8 10.580 |
| EM93064014685 | 00074385 | HSK-A100 | G7 | 46,0 1.811 | 85,0 3.346 | 56,0 2.205 | 90,0 3.543 | 135,0 5.315 | 1 | PB | 4,0 8.820 |
| EM930640146160 | 00086933 | HSK-A100 | G7 | 46,0 1.811 | 160,0 6.299 | 131,0 5.157 | 90,0 3.543 | 210,0 8.268 | 1 | PB | 7,67 16.910 |
| HSKA125-G6-120 | 03229653 | HSK-A125 | G6 | 36,0 1.417 | 120,0 4.724 | 91,0 3.583 | 63,0 2.480 | 183,0 7.205 | 1 | PB | 5,1 11.240 |
| HSKA125-G7-120 | 03229654 | HSK-A125 | G7 | 46,0 1.811 | 120,0 4.724 | 91,0 3.583 | 90,0 3.543 | 183,0 7.205 | 1 | PB | 7,1 15.650 |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Accessories

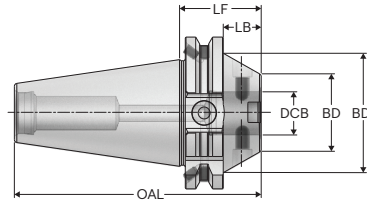
| | | |
|-----------------------------------|-----|---|
| Guide | For | Locking key |
| | |  |
| HSK-A | G2 | 03H025 |
| | G3 | 03H03 |
| | G4 | 03H04 |
| | G5 | 03H05 |
| HSK-E | G6 | 03H06 |
| | G7 | 03H10 |
| Spare Parts, included in delivery | | |
| | For | Assembly screw |
| DIN | |  |
| | G2 | 90F2 |
| | G3 | 90F3 |
| BT JIS | G4 | 90F4 |
| | G5 | 90F5 |
| | G6 | 90F6 |
| | G7 | 90F7 |
| CAT | | |
| Combimaster | | |
| Graflex | | |
| Seco Capto™ | | |
| Others | | |
| Operating & setting accessories | | |
| Shrinkfit | | |

DIN 69871 to Graflex
 – Metric/ Inch

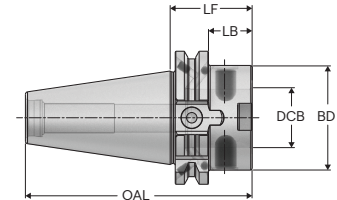
DIN 69871-ADB



Design 1



Design 2



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD1 | BD | OAL | Design | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|------|---------------|----------------|----------------|---------------|---------------|----------------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| EM34694011190 | 02503292 | DIN40 ADB | G1 | 11,0 0.433 | 90,0 3.543 | 70,9 2.791 | – | 20,0 0.787 | 158,4 6.236 | 2 | 1 | G6.3 | 1,0 2.200 |
| EM34694011435 | 02469729 | DIN40 ADB | G2 | 14,0 0.551 | 35,0 1.378 | 15,9 0.626 | – | 25,0 0.984 | 103,4 4.071 | 2 | 1 | G6.3 | 0,83 1.830 |
| EM34694011490 | 02503293 | DIN40 ADB | G2 | 14,0 0.551 | 90,0 3.543 | 70,9 2.791 | – | 25,0 0.984 | 158,4 6.236 | 2 | 1 | G6.3 | 1,1 2.430 |
| EM34694011835 | 02420097 | DIN40 ADB | G3 | 18,0 0.709 | 35,0 1.378 | 15,9 0.626 | 50,0 1.969 | 32,0 1.260 | 103,4 4.071 | 1 | 1 | G6.3 | 1,0 2.200 |
| EM346940118100 | 02503298 | DIN40 ADB | G3 | 18,0 0.709 | 100,0 3.937 | 80,9 3.185 | – | 32,0 1.260 | 168,4 6.630 | 2 | 1 | G6.3 | 1,3 2.870 |
| EM34694012235 | 02503299 | DIN40 ADB | G4 | 22,0 0.866 | 35,0 1.378 | 15,9 0.626 | 50,0 1.969 | 40,0 1.575 | 103,4 4.071 | 1 | 1 | G6.3 | 0,92 2.030 |
| EM346940122100 | 02503300 | DIN40 ADB | G4 | 22,0 0.866 | 100,0 3.937 | 80,9 3.185 | – | 40,0 1.575 | 168,4 6.630 | 2 | 1 | G6.3 | 1,5 3.310 |
| EM34694012840 | 02458421 | DIN40 ADB | G5 | 28,0 1.102 | 40,0 1.575 | 20,9 0.823 | – | 50,0 1.969 | 108,4 4.268 | 2 | 1 | PB | 1,0 2.200 |
| EM34694012880 | 02503301 | DIN40 ADB | G5 | 28,0 1.102 | 80,0 3.150 | 60,9 2.398 | – | 50,0 1.969 | 148,4 5.843 | 2 | 1 | PB | 1,5 3.310 |
| EM346940128120 | 02503302 | DIN40 ADB | G5 | 28,0 1.102 | 120,0 4.724 | 100,9 3.972 | – | 50,0 1.969 | 188,4 7.417 | 2 | 1 | PB | 2,1 4.630 |
| EM34694013660 | 02503303 | DIN40 ADB | G6 | 36,0 1.417 | 60,0 2.362 | 40,9 1.610 | – | 63,0 2.480 | 128,4 5.055 | 2 | 1 | PB | 1,3 2.870 |
| EM346940136120 | 02503304 | DIN40 ADB | G6 | 36,0 1.417 | 120,0 4.724 | 100,9 3.972 | – | 63,0 2.480 | 188,4 7.417 | 2 | 1 | PB | 2,7 5.950 |
| EM347140114100 | 02503306 | DIN50 ADB | G2 | 14,0 0.551 | 100,0 3.937 | 80,9 3.185 | – | 25,0 0.984 | 201,7 7.941 | 2 | 1 | G6.3 | 2,9 6.390 |
| EM34714011835 | 02503307 | DIN50 ADB | G3 | 18,0 0.709 | 35,0 1.378 | 15,9 0.626 | – | 32,0 1.260 | 136,7 5.382 | 2 | 1 | G6.3 | 2,67 5.890 |
| EM347140118110 | 02503308 | DIN50 ADB | G3 | 18,0 0.709 | 110,0 4.331 | 90,9 3.579 | – | 32,0 1.260 | 211,7 8.335 | 2 | 1 | G6.3 | 3,1 6.830 |
| EM34714012235 | 02503309 | DIN50 ADB | G4 | 22,0 0.866 | 35,0 1.378 | 15,9 0.626 | 80,0 3.150 | 40,0 1.575 | 136,7 5.382 | 1 | 1 | G6.3 | 2,88 6.350 |
| EM347140122120 | 02503311 | DIN50 ADB | G4 | 22,0 0.866 | 120,0 4.724 | 100,9 3.972 | – | 40,0 1.575 | 221,7 8.728 | 2 | 1 | G6.3 | 3,4 7.500 |
| EM34714012840 | 02503312 | DIN50 ADB | G5 | 28,0 1.102 | 40,0 1.575 | 20,9 0.823 | – | 50,0 1.969 | 141,7 5.579 | 2 | 1 | PB | 2,75 6.060 |
| EM347140128100 | 02503315 | DIN50 ADB | G5 | 28,0 1.102 | 100,0 3.937 | 80,9 3.185 | – | 50,0 1.969 | 201,7 7.941 | 2 | 1 | PB | 3,56 7.850 |
| EM347140128140 | 02503316 | DIN50 ADB | G5 | 28,0 1.102 | 140,0 5.512 | 120,9 4.760 | – | 50,0 1.969 | 241,7 9.516 | 2 | 1 | PB | 4,08 8.990 |
| EM34714013645 | 02503317 | DIN50 ADB | G6 | 36,0 1.417 | 45,0 1.772 | 25,9 1.020 | – | 63,0 2.480 | 146,7 5.776 | 2 | 1 | PB | 2,9 6.390 |
| EM347140136100 | 02503318 | DIN50 ADB | G6 | 36,0 1.417 | 100,0 3.937 | 80,9 3.185 | – | 63,0 2.480 | 201,7 7.941 | 2 | 1 | PB | 4,1 9.040 |
| EM347140136140 | 02503319 | DIN50 ADB | G6 | 36,0 1.417 | 140,0 5.512 | 120,9 4.760 | – | 63,0 2.480 | 241,7 9.516 | 2 | 1 | PB | 5,1 11.240 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™


Others

Operating & setting accessories

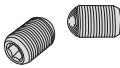

Shrinkfit

| Guide | Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD1 | BD | OAL | Design | RFID hole | Balancing | Weight |
|-------|----------------|-------------|-----------|------|---------------|----------------|----------------|------------|---------------|-----------------|--------|-----------|-----------|----------------|
| | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| HSK-A | EM34714014650 | 02503320 | DIN50 ADB | G7 | 46,0 1.811 | 50,0 1.969 | 30,9 1.217 | - | 90,0 3.543 | 151,7 5.972 | 2 | 1 | PB | 3,3 7.280 |
| | EM347140146120 | 02503321 | DIN50 ADB | G7 | 46,0 1.811 | 120,0 4.724 | 100,9 3.972 | - | 90,0 3.543 | 221,7 8.728 | 2 | 1 | PB | 6,5 14.330 |
| | EM347140146200 | 02503324 | DIN50 ADB | G7 | 46,0 1.811 | 200,0 7.874 | 180,9 7.122 | - | 90,0 3.543 | 301,7 11.878 | 2 | 1 | PB | 10,4 22.930 |

Accessories

| HSK-E | For | Locking key |
|--------|---------------|---|
| | |  |
| DIN | DIN40/ G1 | 03H02 |
| | DIN40/ G2 | 03H025 |
| | DIN40/ G3 | 03H03 |
| | DIN40/ G4 | 03H04 |
| | DIN40/ G5 | 03H05 |
| BT JIS | DIN40/ G6 | 03H06 |
| | DIN50/ G2 | 03H025 |
| | DIN50/ G3 | 03H03 |
| CAT | DIN50/ G4 | 03H04 |
| | DIN50/ G5 | 03H05 |
| | DIN50/ G6 | 03H06 |
| | DIN50/ G7 | 03H10 |
| | EM34714014650 | 03H10 |

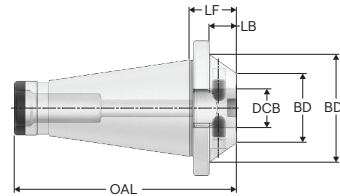
Spare Parts, included in delivery

| Combimaster | For | Assembly screw | Sealing Screws |
|-------------|---------------|---|---|
| | |  |  |
| Graflex | DIN40/ G1 | 90F1 | 950A0406 |
| | DIN40/ G2 | 90F2 | 950A0406 |
| | DIN40/ G3 | 90F3 | 950A0406 |
| | DIN40/ G4 | 90F4 | 950A0406 |
| Seco Capto™ | DIN40/ G5 | 90F5 | 950A0406 |
| | DIN40/ G6 | 90F6 | 950A0406 |
| | DIN50/ G2 | 90F2 | 950A0606 |
| Others | DIN50/ G3 | 90F3 | 950A0606 |
| | DIN50/ G4 | 90F4 | 950A0606 |
| | DIN50/ G5 | 90F5 | 950A0606 |
| | DIN50/ G6 | 90F6 | 950A0606 |
| | DIN50/ G7 | 90F7 | 950A0606 |
| | EM34714014650 | 90F71 | 950A0606 |

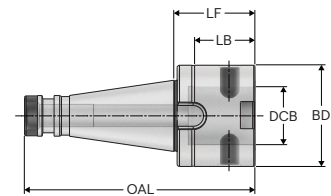
| Operating & setting accessories | Shrinkfit |
|---------------------------------|-----------|
| | |



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD1 | BD | OAL | Design | RFID hole | Balancing | Weight |
|---------------|-------------|-------------|------|---------------|---------------|---------------|---------------|---------------|----------------|--------|-----------|-----------|---------------|
| | | | | | | | | | | | | | kg lbs |
| EM00404013650 | 00076707 | DIN(2080)40 | G6 | 36,0 1.417 | 50,0 1.969 | 0,0 - | - | 63,0 2.480 | 143,4 5.646 | 2 | 0 | PB | 1,3 2.870 |
| EM00504012835 | 00076710 | DIN(2080)50 | G5 | 28,0 1.102 | 35,0 1.378 | 19,8 0.780 | 78,0 3.071 | 50,0 1.969 | 161,8 6.370 | 1 | 0 | PB | 2,94 6.480 |
| EM00504013640 | 00076714 | DIN(2080)50 | G6 | 36,0 1.417 | 40,0 1.575 | 24,8 0.976 | - | 63,0 2.480 | 166,8 6.567 | 2 | 0 | PB | 2,9 6.390 |
| EM00504014645 | 00076718 | DIN(2080)50 | G7 | 46,0 1.811 | 45,0 1.772 | 29,8 1.173 | - | 90,0 3.543 | 171,8 6.764 | 2 | 0 | PB | 3,34 7.360 |

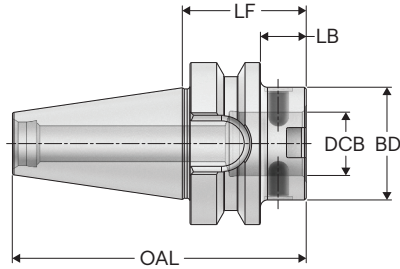
Accessories

| For | Locking key |
|-----|-------------|
| G5 | 03H05 |
| G6 | 03H06 |
| G7 | 03H10 |

Spare Parts, included in delivery

| For | Assembly screw |
|-----|----------------|
| G5 | 90F5 |
| G6 | 90F6 |
| G7 | 90F7 |

BT JIS to Graflex
- Metric/ Inch



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|---------------|-------------|---------|------|---------------|---------------|---------------|---------------|---------------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| EM40404011835 | 00056699 | BT30 AD | G3 | 18,0 0.709 | 35,0 1.378 | 13,0 0.512 | 32,0 1.260 | 83,4 3.283 | 0 | G6.3 | 0,5 1.100 |
| EM40404012850 | 00056705 | BT30 AD | G5 | 28,0 1.102 | 50,0 1.969 | 25,0 0.984 | 50,0 1.969 | 98,4 3.874 | 0 | PB | 0,7 1.540 |

Accessories

| For | Locking key |
|---------------|-------------|
| EM40404011835 | 03H03 |
| EM40404012850 | 03H05 |

Spare Parts, included in delivery

| For | Assembly screw |
|---------------|----------------|
| EM40404011835 | 90F3 |
| EM40404012850 | 90F5 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

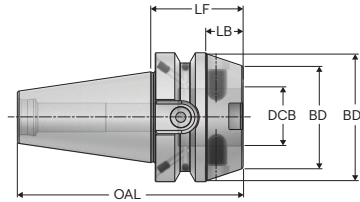
Shrinkfit

BT JIS to Graflex
- Metric/ Inch

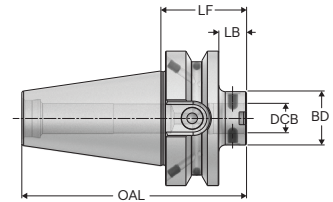
BT JIS B 6339-ADB



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD1 | BD | OAL | Design | RFID hole | Balancing | Weight |
|----------------|-------------|----------|------|---------------|----------------|----------------|---------------|---------------|----------------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| EM34144011190 | 02503364 | BT40 ADB | G1 | 11,0 0.433 | 90,0 3.543 | 63,0 2.480 | - | 20,0 0.787 | 155,4 6.118 | 2 | 1 | G6.3 | 1,1 2.430 |
| EM34144011440 | 02469725 | BT40 ADB | G2 | 14,0 0.551 | 40,0 1.575 | 13,0 0.512 | - | 25,0 0.984 | 105,4 4.150 | 2 | 1 | G6.3 | 0,98 2.160 |
| EM34144011490 | 02503365 | BT40 ADB | G2 | 14,0 0.551 | 90,0 3.543 | 63,0 2.480 | - | 25,0 0.984 | 155,4 6.118 | 2 | 1 | G6.3 | 1,2 2.650 |
| EM34144011840 | 02503366 | BT40 ADB | G3 | 18,0 0.709 | 40,0 1.575 | 13,0 0.512 | 62,0 2.441 | 32,0 1.260 | 105,4 4.150 | 1 | 1 | G6.3 | 1,07 2.360 |
| EM341440118100 | 02503367 | BT40 ADB | G3 | 18,0 0.709 | 100,0 3.937 | 73,0 2.874 | - | 32,0 1.260 | 165,4 6.512 | 2 | 1 | G6.3 | 1,31 2.890 |
| EM34144012245 | 02503368 | BT40 ADB | G4 | 22,0 0.866 | 45,0 1.772 | 18,0 0.709 | 62,0 2.441 | 40,0 1.575 | 110,4 4.346 | 1 | 1 | G6.3 | 1,2 2.650 |
| EM341440122100 | 02503370 | BT40 ADB | G4 | 22,0 0.866 | 100,0 3.937 | 73,0 2.874 | - | 40,0 1.575 | 165,4 6.512 | 2 | 1 | G6.3 | 1,6 3.530 |
| EM34144012845 | 02457989 | BT40 ADB | G5 | 28,0 1.102 | 45,0 1.772 | 18,0 0.709 | 62,0 2.441 | 50,0 1.969 | 110,4 4.346 | 1 | 1 | PB | 1,2 2.650 |
| EM34144012880 | 02503371 | BT40 ADB | G5 | 28,0 1.102 | 80,0 3.150 | 53,0 2.087 | - | 50,0 1.969 | 145,4 5.724 | 2 | 1 | PB | 1,6 3.530 |
| EM341440128120 | 02503372 | BT40 ADB | G5 | 28,0 1.102 | 120,0 4.724 | 93,0 3.661 | - | 50,0 1.969 | 185,4 7.299 | 2 | 1 | PB | 2,2 4.850 |
| EM34144013650 | 02503373 | BT40 ADB | G6 | 36,0 1.417 | 50,0 1.969 | 0,0 - | - | 63,0 2.480 | 115,4 4.543 | 2 | 0 | PB | 1,2 2.650 |
| EM341440136120 | 02503374 | BT40 ADB | G6 | 36,0 1.417 | 120,0 4.724 | 0,0 - | - | 63,0 2.480 | 185,4 7.299 | 2 | 1 | PB | 2,8 6.170 |
| EM341640114110 | 02503375 | BT50 ADB | G2 | 14,0 0.551 | 110,0 4.331 | 72,0 2.835 | - | 25,0 0.984 | 211,8 8.339 | 2 | 1 | G6.3 | 3,8 8.380 |
| EM34164011845 | 02503376 | BT50 ADB | G3 | 18,0 0.709 | 45,0 1.772 | 7,0 0.276 | 70,0 2.756 | 32,0 1.260 | 146,8 5.780 | 1 | 1 | G6.3 | 3,6 7.940 |
| EM341640118120 | 02503377 | BT50 ADB | G3 | 18,0 0.709 | 120,0 4.724 | 82,0 3.228 | - | 32,0 1.260 | 221,8 8.732 | 2 | 1 | G6.3 | 4,0 8.820 |
| EM34164012250 | 02503378 | BT50 ADB | G4 | 22,0 0.866 | 50,0 1.969 | 12,0 0.472 | 70,0 2.756 | 40,0 1.575 | 151,8 5.976 | 1 | 1 | G6.3 | 3,7 8.160 |
| EM341640122140 | 02503379 | BT50 ADB | G4 | 22,0 0.866 | 140,0 5.512 | 102,0 4.016 | - | 40,0 1.575 | 241,8 9.520 | 2 | 1 | G6.3 | 4,4 9.700 |
| EM34164012855 | 02503380 | BT50 ADB | G5 | 28,0 1.102 | 55,0 2.165 | 17,0 0.669 | 98,0 3.858 | 50,0 1.969 | 156,8 6.173 | 1 | 1 | PB | 4,0 8.820 |
| EM341640128100 | 02503381 | BT50 ADB | G5 | 28,0 1.102 | 100,0 3.937 | 62,0 2.441 | - | 50,0 1.969 | 201,8 7.945 | 2 | 1 | PB | 4,3 9.480 |
| EM341640128140 | 02503382 | BT50 ADB | G5 | 28,0 1.102 | 140,0 5.512 | 102,0 4.016 | - | 50,0 1.969 | 241,8 9.520 | 2 | 1 | PB | 4,9 10.800 |
| EM34164013663 | 02503383 | BT50 ADB | G6 | 36,0 1.417 | 63,0 2.480 | 25,0 0.984 | 98,0 3.858 | 63,0 2.480 | 164,8 6.488 | 1 | 1 | PB | 4,3 9.480 |
| EM341640136100 | 02503384 | BT50 ADB | G6 | 36,0 1.417 | 100,0 3.937 | 62,0 2.441 | - | 63,0 2.480 | 201,8 7.945 | 2 | 1 | PB | 4,7 10.360 |
| EM341640136140 | 02503385 | BT50 ADB | G6 | 36,0 1.417 | 140,0 5.512 | 102,0 4.016 | - | 63,0 2.480 | 241,8 9.520 | 2 | 1 | PB | 5,6 12.350 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Septo™

Others

Operating & setting accessories

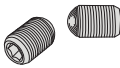
Shrinkfit

| Guide | Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD1 | BD | OAL | Design | RFID hole | Balancing | Weight |
|-------|----------------|-------------|----------|------|---------------|----------------|----------------|---------------|---------------|-----------------|--------|-----------|-----------|----------------|
| | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| HSK-A | EM34164014665 | 02503386 | BT50 ADB | G7 | 46,0 1.811 | 65,0 2.559 | 27,0 1.063 | 98,0 3.858 | 90,0 3.543 | 166,8 6.567 | 1 | 1 | PB | 4,4 9.700 |
| | EM341640146120 | 02503387 | BT50 ADB | G7 | 46,0 1.811 | 120,0 4.724 | 82,0 3.228 | - | 90,0 3.543 | 221,8 8.732 | 2 | 1 | PB | 6,9 15.210 |
| | EM341640146200 | 02503388 | BT50 ADB | G7 | 46,0 1.811 | 200,0 7.874 | 162,0 6.378 | - | 90,0 3.543 | 301,8 11.882 | 2 | 1 | PB | 10,7 23.590 |

Accessories

| HSK-E | For | | Locking key |
|--------|----------|--|-------------|
| | | | |
| DIN | BT40/ G1 | | 03H02 |
| | BT40/ G2 | | 03H025 |
| | BT40/ G3 | | 03H03 |
| | BT40/ G4 | | 03H04 |
| | BT40/ G5 | | 03H05 |
| BT JIS | BT40/ G6 | | 03H06 |
| | BT50/ G2 | | 03H025 |
| | BT50/ G3 | | 03H03 |
| CAT | BT50/ G4 | | 03H04 |
| | BT50/ G5 | | 03H05 |
| | BT50/ G6 | | 03H06 |
| | BT50/ G7 | | 03H10 |

Spare Parts, included in delivery

| Combimaster | For | | Assembly screw | Sealing Screws |
|-------------|----------|--|----------------|---|
| | | | |  |
| Graflex | BT40/ G1 | | 90F1 | 950A0406 |
| | BT40/ G2 | | 90F2 | 950A0406 |
| | BT40/ G3 | | 90F3 | 950A0406 |
| | BT40/ G4 | | 90F4 | 950A0406 |
| | BT40/ G5 | | 90F5 | 950A0406 |
| Seco Capto™ | BT40/ G6 | | 90F6 | 950A0406 |
| | BT50/ G2 | | 90F2 | 950A0606 |
| | BT50/ G3 | | 90F3 | 950A0606 |
| | BT50/ G4 | | 90F4 | 950A0606 |
| Others | BT50/ G5 | | 90F5 | 950A0606 |
| | BT50/ G6 | | 90F6 | 950A0606 |
| | BT50/ G7 | | 90F7 | 950A0606 |

Operating & setting accessories

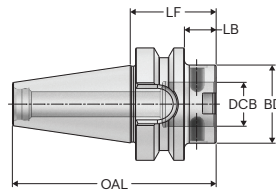
Shrinkfit

BT Taper Face to Graflex
 – Metric/ Inch

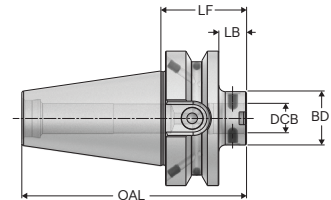
BT Taper-Face-AD/ADB



Design 1



Design 2





–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | | LF | | LB | | BD | | OAL | Design | RFID hole | Balancing | Weight | |
|----------------|-------------|-------------|------|------|-------|-------|-------|-------|-------|------|-------|-------|--------|-----------|-----------|--------|----------------|
| | | | | mm | inch | mm | inch | mm | inch | mm | inch | | | | | | |
| EM40024011850 | 02998757 | BT30 TF AD | G3 | 18,0 | 0.709 | 50,0 | 1.969 | 28,0 | 1.102 | 32,0 | 1.260 | 98,4 | 3.874 | 1 | 0 | G6.3 | 0,6 1.320 |
| EM40024012250 | 02998758 | BT30 TF AD | G4 | 22,0 | 0.866 | 50,0 | 1.969 | 28,0 | 1.102 | 40,0 | 1.575 | 98,4 | 3.874 | 1 | 0 | G6.3 | 0,6 1.320 |
| EM321440122100 | 02998754 | BT40 TF ADB | G4 | 22,0 | 0.866 | 100,0 | 3.937 | 73,0 | 2.874 | 40,0 | 1.575 | 165,4 | 6.512 | 2 | 1 | G6.3 | 1,6 3.530 |
| EM321440128120 | 02926006 | BT40 TF ADB | G5 | 28,0 | 1.102 | 120,0 | 4.724 | 93,0 | 3.661 | 50,0 | 1.969 | 185,4 | 7.299 | 2 | 1 | PB | 2,2 4.850 |
| EM321440136120 | 02998755 | BT40 TF ADB | G6 | 36,0 | 1.417 | 120,0 | 4.724 | 93,0 | 3.661 | 63,0 | 2.480 | 185,4 | 7.299 | 2 | 1 | PB | 2,8 6.170 |
| EM321640128140 | 02998756 | BT50 TF ADB | G5 | 28,0 | 1.102 | 140,0 | 5.512 | 102,0 | 4.016 | 50,0 | 1.969 | 241,8 | 9.520 | 2 | 1 | PB | 4,9 10.800 |
| EM321640136140 | 02926009 | BT50 TF ADB | G6 | 36,0 | 1.417 | 140,0 | 5.512 | 102,0 | 4.016 | 63,0 | 2.480 | 241,8 | 9.520 | 2 | 1 | PB | 5,6 12.350 |
| EM321640146200 | 02926010 | BT50 TF ADB | G7 | 46,0 | 1.811 | 200,0 | 7.874 | 162,0 | 6.378 | 90,0 | 3.543 | 301,8 | 11.882 | 2 | 1 | PB | 10,8 23.810 |

Accessories

| For | Locking key |
|----------------|-------------|
| EM321440122100 | 03H04 |
| EM321440128120 | 03H05 |
| EM321440136120 | 03H06 |
| EM321640128140 | 03H05 |
| EM321640136140 | 03H06 |
| EM321640146200 | 03H10 |
| EM40024011850 | 03H03 |
| EM40024012250 | 03H04 |

Spare Parts, included in delivery

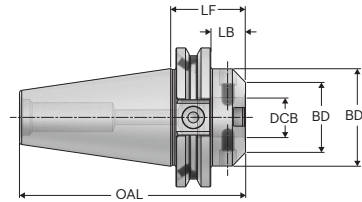
| Guide | For | Assembly screw | Sealing Screws |
|---------------------------------|----------------|---|---|
| | |  |  |
| HSK-A | EM321440122100 | 90F4 | 950A0406 |
| | EM321440128120 | 90F5 | 950A0406 |
| | EM321440136120 | 90F6 | 950A0406 |
| | EM321640128140 | 90F5 | 950A0606 |
| | EM321640136140 | 90F6 | 950A0606 |
| HSK-E | EM321640146200 | 90F7 | 950A0606 |
| | EM40024011850 | 90F3 | - |
| | EM40024012250 | 90F4 | - |
| DIN | | | |
| BT JIS | | | |
| CAT | | | |
| Combimaster | | | |
| Graflex | | | |
| Seco Capto™ | | | |
| Others | | | |
| Operating & setting accessories | | | |
| Shrinkfit | | | |

CAT to Graflex
- Inch

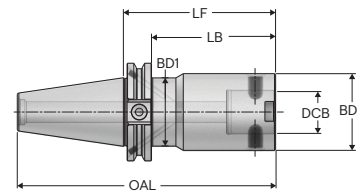
CAT / ASME B5.50-1994-ADB



Design 1



Design 2



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD1 | BD | OAL | Design | RFID hole | Balancing | Weight |
|----------------|-------------|-----------|------|-------|-------|-------|-------|-------|--------|--------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | inch | | | | lbs |
| EM25024011435 | 02469734 | CAT40 ADB | G2 | 0.551 | 1.380 | 0.630 | 1.750 | 0.984 | 4.070 | 1 | 1 | G6.3 | 2.120 |
| EM25024011835 | 00056660 | CAT40 ADB | G3 | 0.709 | 1.380 | 0.630 | 1.750 | 1.260 | 4.070 | 1 | 1 | G6.3 | 2.200 |
| EM25024012235 | 00056661 | CAT40 ADB | G4 | 0.866 | 1.380 | 0.630 | 1.750 | 1.575 | 4.070 | 1 | 1 | G6.3 | 1.980 |
| EM25024012840 | 00056663 | CAT40 ADB | G5 | 1.102 | 1.570 | 0.820 | 1.750 | 1.969 | 4.270 | 2 | 1 | PB | 1.980 |
| EM250240128100 | 00056662 | CAT40 ADB | G5 | 1.102 | 3.940 | 3.190 | 1.750 | 1.969 | 7.420 | 2 | 1 | PB | 3.970 |
| EM25024013660 | 00056665 | CAT40 ADB | G6 | 1.417 | 2.360 | 1.610 | 1.750 | 2.480 | 5.060 | 2 | 1 | PB | 2.870 |
| EM25044011835 | 00056666 | CAT50 ADB | G3 | 0.709 | 1.380 | 0.630 | 2.750 | 1.260 | 5.380 | 1 | 1 | G6.3 | 6.830 |
| EM25044012235 | 00056667 | CAT50 ADB | G4 | 0.866 | 1.380 | 0.630 | 2.750 | 1.575 | 5.380 | 1 | 1 | G6.3 | 6.610 |
| EM25044012840 | 00056669 | CAT50 ADB | G5 | 1.102 | 1.570 | 0.820 | 2.750 | 1.969 | 5.580 | 2 | 1 | PB | 6.610 |
| EM250440128100 | 00056668 | CAT50 ADB | G5 | 1.102 | 3.940 | 3.190 | 2.750 | 1.969 | 7.940 | 2 | 1 | PB | 8.380 |
| EM25044013645 | 00056671 | CAT50 ADB | G6 | 1.417 | 1.770 | 1.020 | 2.750 | 2.480 | 5.780 | 1 | 1 | PB | 6.610 |
| EM250440136120 | 00056670 | CAT50 ADB | G6 | 1.417 | 4.720 | 3.970 | 2.750 | 2.480 | 9.520 | 1 | 1 | PB | 10.360 |
| EM25044014665 | 00056675 | CAT50 ADB | G7 | 1.811 | 2.560 | 1.810 | 2.750 | 3.543 | 5.970 | 2 | 1 | PB | 8.380 |
| EM250440146120 | 00056673 | CAT50 ADB | G7 | 1.811 | 4.720 | 3.970 | 2.750 | 3.543 | 8.730 | 2 | 1 | PB | 13.890 |
| EM250440146200 | 00056674 | CAT50 ADB | G7 | 1.811 | 7.870 | 7.120 | 2.750 | 3.543 | 11.880 | 2 | 1 | PB | 22.270 |

Accessories

| For | Locking key |
|-----------|-------------|
| CAT40/ G2 | 03H025 |
| CAT40/ G3 | 03H03 |
| CAT40/ G4 | 03H04 |
| CAT40/ G5 | 03H05 |
| CAT40/ G6 | 03H06 |
| CAT50/ G3 | 03H03 |
| CAT50/ G4 | 03H04 |
| CAT50/ G5 | 03H05 |
| CAT50/ G6 | 03H06 |
| CAT50/ G7 | 03H10 |

Locking key



Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex



Seco Capto™

Others

Operating & setting accessories

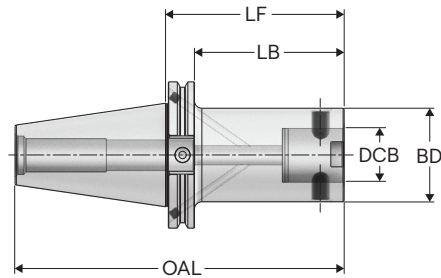
Shrinkfit

Spare Parts, included in delivery

| Guide | For | Assembly screw | Sealing Screws |
|---------------------------------|-----------|---|---|
| | |  |  |
| HSK-A | CAT40/ G2 | 90F2 | 950A0406 |
| | CAT40/ G3 | 90F3 | 950A0406 |
| | CAT40/ G4 | 90F4 | 950A0406 |
| | CAT40/ G5 | 90F5 | 950A0406 |
| HSK-E | CAT40/ G6 | 90F6 | 950A0406 |
| | CAT50/ G3 | 90F3 | 950A0606 |
| | CAT50/ G4 | 90F4 | 950A0606 |
| | CAT50/ G5 | 90F5 | 950A0606 |
| DIN | CAT50/ G6 | 90F6 | 950A0606 |
| | CAT50/ G7 | 90F7 | 950A0606 |
| BT JIS | | | |
| CAT | | | |
| Combimaster | | | |
| Graflex | | | |
| Seco Capto™ | | | |
| Others | | | |
| Operating & setting accessories | | | |
| Shrinkfit | | | |

CAT Taper Face to Graflex
- Inch


CAT TF / ASME B5.50-2009-ADB



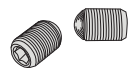

-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD | OAL | Design | RFID hole | Balancing | Weight |
|----------------|-------------|--------------|------|-------|-------|-------|-------|--------|--------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | | | | lbs |
| EM26424011880 | 02998750 | CAT40 TF ADB | G3 | 0.709 | 3.150 | 2.398 | 1.260 | 5.843 | 2 | 1 | G6.3 | 2.650 |
| EM26424012280 | 02998751 | CAT40 TF ADB | G4 | 0.866 | 3.150 | 2.398 | 1.575 | 5.843 | 2 | 1 | G6.3 | 3.090 |
| EM264240128100 | 02998752 | CAT40 TF ADB | G5 | 1.102 | 3.937 | 3.185 | 1.969 | 6.630 | 2 | 1 | PB | 4.190 |
| EM264240136100 | 02998753 | CAT40 TF ADB | G6 | 1.417 | 3.937 | 3.185 | 2.480 | 6.630 | 2 | 1 | PB | 5.290 |
| EM264440122100 | 02964322 | CAT50 TF ADB | G4 | 0.866 | 3.937 | 3.185 | 1.575 | 7.943 | 2 | 1 | G6.3 | 7.280 |
| EM264440128100 | 02964323 | CAT50 TF ADB | G5 | 1.102 | 3.937 | 3.185 | 1.969 | 7.943 | 2 | 1 | PB | 7.940 |
| EM264440136120 | 02926850 | CAT50 TF ADB | G6 | 1.417 | 4.724 | 3.972 | 2.480 | 8.732 | 1 | 1 | PB | 10.140 |
| EM264440146200 | 02926851 | CAT50 TF ADB | G7 | 1.811 | 7.874 | 7.122 | 3.543 | 11.880 | 2 | 1 | PB | 22.710 |

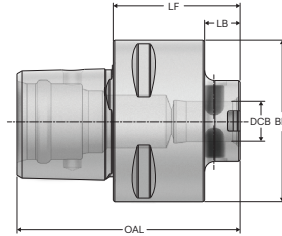
Accessories

| For | Locking key |
|----------------|---|
| |  |
| EM26424011880 | 03H03 |
| EM26424012280 | 03H04 |
| EM264240128100 | 03H05 |
| EM264240136100 | 03H06 |
| EM264440122100 | 03H04 |
| EM264440128100 | 03H05 |
| EM264440136120 | 03H06 |
| EM264440146200 | 03H10 |

Spare Parts, included in delivery

| For | Assembly screw | Sealing Screws |
|----------------|---|---|
| |  |  |
| EM26424011880 | 90F3 | 950A0406 |
| EM26424012280 | 90F4 | 950A0406 |
| EM264240128100 | 90F5 | 950A0406 |
| EM264240136100 | 90F6 | 950A0406 |
| EM264440122100 | 90F4 | 950A0606 |
| EM264440128100 | 90F5 | 950A0606 |
| EM264440136120 | 90F6 | 950A0606 |
| EM264440146200 | 90F7 | 950A0606 |


Seco Capto™ to Graflex
– Metric/ Inch




–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCB | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|-------------------|-------------|------|------|---------------|---------------|---------------|---------------|----------------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| C3-391.0401-08025 | 02532939 | C3 | G0 | 8,0 0.315 | 25,0 0.984 | 7,0 0.276 | 16,0 0.630 | 44,0 1.732 | 0 | G6.3 | 0,2 0.440 |
| C3-391.0401-11025 | 02532940 | C3 | G1 | 11,0 0.433 | 25,0 0.984 | 7,0 0.276 | 20,0 0.787 | 44,0 1.732 | 0 | G6.3 | 0,14 0.310 |
| C3-391.0401-14025 | 02532941 | C3 | G2 | 14,0 0.551 | 25,0 0.984 | 7,0 0.276 | 25,0 0.984 | 44,0 1.732 | 0 | G6.3 | 0,2 0.440 |
| C3-391.0401-18030 | 02532942 | C3 | G3 | 18,0 0.709 | 30,0 1.181 | 0,0 – | 32,0 1.260 | 49,0 1.929 | 0 | G6.3 | 0,16 0.350 |
| C4-391.0401-18035 | 02532943 | C4 | G3 | 18,0 0.709 | 35,0 1.378 | 12,0 0.472 | 32,0 1.260 | 59,0 2.323 | 0 | G6.3 | 0,4 0.880 |
| C4-391.0401-22035 | 02532944 | C4 | G4 | 22,0 0.866 | 35,0 1.378 | 0,0 – | 40,0 1.575 | 59,0 2.323 | 0 | G6.3 | 0,31 0.680 |
| C5-391.0401-14030 | 02532945 | C5 | G2 | 14,0 0.551 | 30,0 1.181 | 7,0 0.276 | 25,0 0.984 | 60,0 2.362 | 1 | G6.3 | 0,47 1.040 |
| C5-391.0401-18035 | 02532947 | C5 | G3 | 18,0 0.709 | 35,0 1.378 | 12,0 0.472 | 32,0 1.260 | 65,0 2.559 | 1 | G6.3 | 0,5 1.100 |
| C5-391.0401-22035 | 02532948 | C5 | G4 | 22,0 0.866 | 35,0 1.378 | 12,0 0.472 | 40,0 1.575 | 65,0 2.559 | 1 | G6.3 | 0,5 1.100 |
| C5-391.0401-28045 | 02532949 | C5 | G5 | 28,0 1.102 | 45,0 1.772 | 22,0 0.866 | 50,0 1.969 | 75,0 2.953 | 1 | PB | 0,7 1.540 |
| C6-391.0401-18035 | 02532950 | C6 | G3 | 18,0 0.709 | 35,0 1.378 | 10,0 0.394 | 32,0 1.260 | 73,0 2.874 | 1 | G6.3 | 0,9 1.980 |
| C6-391.0401-22040 | 02532951 | C6 | G4 | 22,0 0.866 | 40,0 1.575 | 15,0 0.591 | 40,0 1.575 | 78,0 3.071 | 1 | G6.3 | 0,9 1.980 |
| C6-391.0401-28050 | 02532952 | C6 | G5 | 28,0 1.102 | 50,0 1.969 | 25,0 0.984 | 50,0 1.969 | 88,0 3.465 | 1 | PB | 1,1 2.430 |
| C6-391.0401-36055 | 02532953 | C6 | G6 | 36,0 1.417 | 55,0 2.165 | 0,0 – | 63,0 2.480 | 93,0 3.661 | 1 | PB | 1,2 2.650 |
| C8-391.0401-28050 | 02532954 | C8 | G5 | 28,0 1.102 | 50,0 1.969 | 17,0 0.669 | 50,0 1.969 | 98,0 3.858 | 1 | PB | 2,0 4.410 |
| C8-391.0401-36055 | 02532955 | C8 | G6 | 36,0 1.417 | 55,0 2.165 | 22,0 0.866 | 63,0 2.480 | 103,0 4.055 | 1 | PB | 2,1 4.630 |
| C8-391.0401-46065 | 02532956 | C8 | G7 | 46,0 1.811 | 65,0 2.559 | 35,0 1.378 | 90,0 3.543 | 113,0 4.449 | 1 | PB | 2,8 6.170 |

Accessories

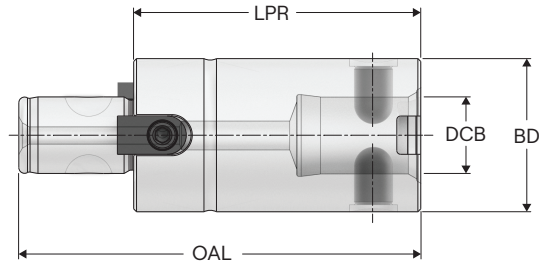
| For | Locking key | |
|-----|---|-------|
| |  | Guide |
| G0 | 03H02 | HSK-A |
| G1 | 03H02 | |
| G2 | 03H025 | |
| G3 | 03H03 | HSK-E |
| G4 | 03H04 | |
| G5 | 03H05 | |
| G6 | 03H06 | |
| G7 | 03H10 | |

Spare Parts, included in delivery

| For | Assembly screw | |
|-----|---|--------|
| |  | DIN |
| G0 | 90F0 | BT JIS |
| G1 | 90F1 | |
| G2 | 90F2 | |
| G3 | 90F3 | CAT |
| G4 | 90F4 | |
| G5 | 90F5 | |
| G6 | 90F6 | |
| G7 | 90F7 | |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |


Graflex to Graflex
– Metric/ Inch



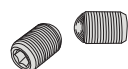

–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | DCB | BD | OAL | RFID hole | Balancing | Weight |
|-------------|-------------|------|------|-----------------|---------------|---------------|-----------------|-----------|-----------|----------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | |
| M402000 | 00056752 | G0 | G0 | 30,0 1.181 | 8,0 0.315 | 16,0 0.630 | 42,0 1.654 | 0 | PB | 0,1 0.220 |
| M402001 | 00056753 | G0 | G0 | 50,0 1.969 | 8,0 0.315 | 16,0 0.630 | 62,0 2.441 | 0 | PB | 0,1 0.220 |
| M402110 | 00056754 | G1 | G1 | 30,0 1.181 | 11,0 0.433 | 20,0 0.787 | 43,0 1.693 | 0 | PB | 0,1 0.220 |
| M402111 | 00056755 | G1 | G1 | 50,0 1.969 | 11,0 0.433 | 20,0 0.787 | 63,0 2.480 | 0 | PB | 0,2 0.440 |
| M402220 | 00056756 | G2 | G2 | 30,0 1.181 | 14,0 0.551 | 25,0 0.984 | 46,0 1.811 | 0 | PB | 0,2 0.440 |
| M402221 | 00056757 | G2 | G2 | 50,0 1.969 | 14,0 0.551 | 25,0 0.984 | 66,0 2.598 | 0 | PB | 0,2 0.440 |
| M402330 | 00056758 | G3 | G3 | 40,0 1.575 | 18,0 0.709 | 32,0 1.260 | 60,0 2.362 | 0 | PB | 0,3 0.660 |
| M402331 | 75056759 | G3 | G3 | 60,0 2.362 | 18,0 0.709 | 32,0 1.260 | 80,0 3.150 | 0 | PB | 0,4 0.880 |
| M402440 | 00056760 | G4 | G4 | 40,0 1.575 | 22,0 0.866 | 40,0 1.575 | 64,0 2.520 | 0 | PB | 0,4 0.880 |
| M402441 | 00056761 | G4 | G4 | 60,0 2.362 | 22,0 0.866 | 40,0 1.575 | 84,0 3.307 | 0 | PB | 0,6 1.320 |
| M402444 | 02786252 | G4 | G4 | 200,0 7.874 | 22,0 0.866 | 40,0 1.575 | 224,0 8.819 | 0 | PB | 1,95 4.300 |
| M402550 | 00056762 | G5 | G5 | 50,0 1.969 | 28,0 1.102 | 50,0 1.969 | 80,0 3.150 | 0 | PB | 0,8 1.760 |
| M402551 | 00056763 | G5 | G5 | 75,0 2.953 | 28,0 1.102 | 50,0 1.969 | 105,0 4.134 | 0 | PB | 1,2 2.650 |
| M402552 | 00056764 | G5 | G5 | 100,0 3.937 | 28,0 1.102 | 50,0 1.969 | 130,0 5.118 | 0 | PB | 1,5 3.310 |
| M402554 | 02786254 | G5 | G5 | 250,0 9.843 | 28,0 1.102 | 50,0 1.969 | 280,0 11.024 | 0 | PB | 3,8 8.380 |
| M402660 | 00056765 | G6 | G6 | 60,0 2.362 | 36,0 1.417 | 63,0 2.480 | 100,0 3.937 | 0 | PB | 1,4 3.090 |
| M402661 | 00056766 | G6 | G6 | 90,0 3.543 | 36,0 1.417 | 63,0 2.480 | 130,0 5.118 | 0 | PB | 2,2 4.850 |
| M402662 | 00056767 | G6 | G6 | 120,0 4.724 | 36,0 1.417 | 63,0 2.480 | 160,0 6.299 | 0 | PB | 2,9 6.390 |
| M402664 | 02786255 | G6 | G6 | 300,0 11.811 | 36,0 1.417 | 63,0 2.480 | 340,0 13.386 | 0 | PB | 7,2 15.870 |
| M402770 | 00056768 | G7 | G7 | 60,0 2.362 | 46,0 1.811 | 90,0 3.543 | 110,0 4.331 | 0 | - | 2,9 6.390 |
| M402771 | 00056769 | G7 | G7 | 90,0 3.543 | 46,0 1.811 | 90,0 3.543 | 140,0 5.512 | 0 | - | 4,4 9.700 |
| M402772 | 00056770 | G7 | G7 | 120,0 4.724 | 46,0 1.811 | 90,0 3.543 | 170,0 6.693 | 0 | - | 5,8 12.790 |
| M402774 | 02786257 | G7 | G7 | 300,0 11.811 | 46,0 1.811 | 90,0 3.543 | 350,0 13.780 | 0 | - | 14,6 32.190 |

Accessories

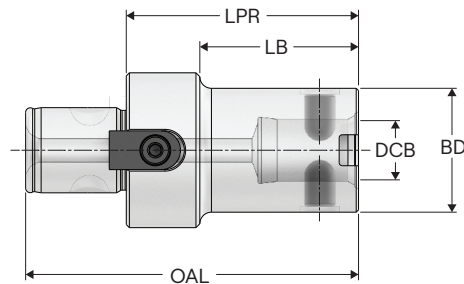
| For | Locking key | |
|-----|---|--|
| |  | |
| G0 | 03H02 | |
| G1 | 03H02 | |
| G2 | 03H025 | |
| G3 | 03H03 | |
| G4 | 03H04 | |
| G5 | 03H05 | |
| G6 | 03H06 | |
| G7 | 03H10 | |

Spare Parts, included in delivery

| For | Assembly screw | Tenon | |
|-----|---|---|--|
| |  |  | |
| G0 | 90F0 | 90M0 | |
| G1 | 90F1 | 90M1 | |
| G2 | 90F2 | 90M2 | |
| G3 | 90F3 | 90M3 | |
| G4 | 90F4 | 90M4 | |
| G5 | 90F5 | 90M5 | |
| G6 | 90F6 | 90M6 | |
| G7 | 90F7 | 90M7 | |

| |
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| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |


Graflex to Graflex
- Metric/ Inch





-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | DCB | BD | OAL | RFID hole | Balancing | Weight |
|-------------|-------------|------|------|---------------|---------------|---------------|---------------|----------------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| M40310 | 00056771 | G1 | G0 | 30,0 1.181 | 22,0 0.866 | 8,0 0.315 | 16,0 0.630 | 43,0 1.693 | 0 | PB | 0,1 0.220 |
| M40320 | 00056772 | G2 | G0 | 30,0 1.181 | 19,0 0.748 | 8,0 0.315 | 16,0 0.630 | 46,0 1.811 | 0 | PB | 0,1 0.220 |
| M40321 | 00056773 | G2 | G1 | 30,0 1.181 | 19,0 0.748 | 11,0 0.433 | 20,0 0.787 | 46,0 1.811 | 0 | PB | 0,1 0.220 |
| M40330 | 00056774 | G3 | G0 | 30,0 1.181 | 16,0 0.630 | 8,0 0.315 | 16,0 0.630 | 50,0 1.969 | 0 | PB | 0,2 0.440 |
| M40331 | 00056775 | G3 | G1 | 30,0 1.181 | 16,0 0.630 | 11,0 0.433 | 20,0 0.787 | 50,0 1.969 | 0 | PB | 0,15 0.330 |
| M40332 | 00056776 | G3 | G2 | 30,0 1.181 | 16,0 0.630 | 14,0 0.551 | 25,0 0.984 | 50,0 1.969 | 0 | PB | 0,2 0.440 |
| M40341 | 00056778 | G4 | G1 | 30,0 1.181 | 13,0 0.512 | 11,0 0.433 | 20,0 0.787 | 54,0 2.126 | 0 | PB | 0,25 0.550 |
| M40342 | 00056779 | G4 | G2 | 30,0 1.181 | 13,0 0.512 | 14,0 0.551 | 25,0 0.984 | 54,0 2.126 | 0 | PB | 0,3 0.660 |
| M40343 | 00056780 | G4 | G3 | 30,0 1.181 | 13,0 0.512 | 18,0 0.709 | 32,0 1.260 | 54,0 2.126 | 0 | PB | 0,3 0.660 |
| M40350 | 00056781 | G5 | G0 | 40,0 1.575 | 20,0 0.787 | 8,0 0.315 | 16,0 0.630 | 70,0 2.756 | 0 | PB | 0,47 1.040 |
| M40351 | 00056783 | G5 | G1 | 40,0 1.575 | 20,0 0.787 | 11,0 0.433 | 20,0 0.787 | 70,0 2.756 | 0 | PB | 0,5 1.100 |
| M40352 | 00056785 | G5 | G2 | 40,0 1.575 | 20,0 0.787 | 14,0 0.551 | 25,0 0.984 | 70,0 2.756 | 0 | PB | 0,5 1.100 |
| M40353 | 00056787 | G5 | G3 | 40,0 1.575 | 20,0 0.787 | 18,0 0.709 | 32,0 1.260 | 70,0 2.756 | 0 | PB | 0,6 1.320 |
| M40354 | 00056789 | G5 | G4 | 40,0 1.575 | 20,0 0.787 | 22,0 0.866 | 40,0 1.575 | 70,0 2.756 | 0 | PB | 0,6 1.320 |
| M40363 | 00056797 | G6 | G3 | 40,0 1.575 | 14,0 0.551 | 18,0 0.709 | 32,0 1.260 | 80,0 3.150 | 0 | PB | 1,0 2.200 |
| M40364 | 00056799 | G6 | G4 | 40,0 1.575 | 14,0 0.551 | 22,0 0.866 | 40,0 1.575 | 80,0 3.150 | 0 | PB | 1,0 2.200 |
| M40365 | 00056807 | G6 | G5 | 45,0 1.772 | 19,0 0.748 | 28,0 1.102 | 50,0 1.969 | 85,0 3.346 | 0 | PB | 1,1 2.430 |
| M40375 | 00056811 | G7 | G5 | 50,0 1.969 | 24,0 0.945 | 28,0 1.102 | 50,0 1.969 | 100,0 3.937 | 0 | - | 2,1 4.630 |
| M40376 | 00056812 | G7 | G6 | 55,0 2.165 | 29,0 1.142 | 36,0 1.417 | 63,0 2.480 | 105,0 4.134 | 0 | - | 2,3 5.070 |

Accessories

| For | Locking key | |
|--------|---|--------|
| |  | |
| M40310 | 03H02 | Guide |
| M40320 | 03H02 | |
| M40321 | 03H02 | |
| M40330 | 03H02 | |
| M40331 | 03H02 | HSK-A |
| M40332 | 03H025 | |
| M40341 | 03H02 | |
| M40342 | 03H025 | |
| M40343 | 03H03 | HSK-E |
| M40350 | 03H02 | |
| M40351 | 03H02 | |
| M40352 | 03H025 | |
| M40353 | 03H03 | DIN |
| M40354 | 03H04 | |
| M40363 | 03H03 | |
| M40364 | 03H04 | |
| M40365 | 03H05 | BT JIS |
| M40375 | 03H05 | |
| M40376 | 03H06 | |
| | | |

Spare Parts, included in delivery

| For | Assembly screw | Tenon | |
|--------|---|---|---------------------------------|
| |  |  | |
| M40310 | 90F0 | 90M1 | Combimaster |
| M40320 | 90F0 | 90M2 | |
| M40321 | 90F1 | 90M2 | |
| M40330 | 90F0 | 90M3 | |
| M40331 | 90F1 | 90M3 | Graflex |
| M40332 | 90F2 | 90M3 | |
| M40341 | 90F1 | 90M4 | |
| M40342 | 90F2 | 90M4 | |
| M40343 | 90F3 | 90M4 | Seco Capto™ |
| M40350 | 90F0 | 90M5 | |
| M40351 | 90F1 | 90M5 | |
| M40352 | 90F2 | 90M5 | |
| M40353 | 90F3 | 90M5 | Others |
| M40354 | 90F4 | 90M5 | |
| M40363 | 90F3 | 90M6 | |
| M40364 | 90F4 | 90M6 | |
| M40365 | 90F5 | 90M6 | Operating & setting accessories |
| M40375 | 90F5 | 90M7 | |
| M40376 | 90F6 | 90M7 | |
| | | | |

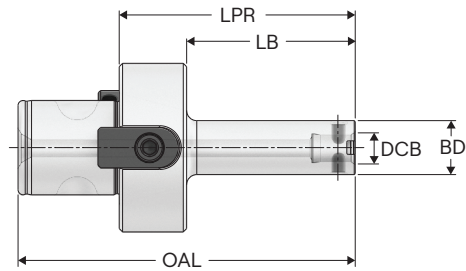
| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Graflex to Graflex
- Metric/ Inch

Guide

HSK-A

HSK-E



DIN

-For ISO attribute explanation, see page 15

BT JIS

CAT

Combimaster

Graflex

| Designation | Item number | CTMS | CTWS | LPR | LB | DCB | BD | OAL | RFID hole | Balancing | Weight |
|-------------|-------------|------|------|----------------|----------------|---------------|---------------|----------------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| M40350070 | 00056782 | G5 | G0 | 70,0 2.756 | 50,0 1.969 | 8,0 0.315 | 16,0 0.630 | 100,0 3.937 | 0 | PB | 0,6 1.320 |
| M40351080 | 00056784 | G5 | G1 | 80,0 3.150 | 60,0 2.362 | 11,0 0.433 | 20,0 0.787 | 110,0 4.331 | 0 | PB | 0,6 1.320 |
| M40352100 | 00056786 | G5 | G2 | 100,0 3.937 | 80,0 3.150 | 14,0 0.551 | 25,0 0.984 | 130,0 5.118 | 0 | PB | 0,8 1.760 |
| M40353120 | 00056788 | G5 | G3 | 120,0 4.724 | 100,0 3.937 | 18,0 0.709 | 32,0 1.260 | 150,0 5.906 | 0 | PB | 1,1 2.430 |
| M40354150 | 00056790 | G5 | G4 | 150,0 5.906 | 130,0 5.118 | 22,0 0.866 | 40,0 1.575 | 180,0 7.087 | 0 | PB | 1,7 3.750 |
| M40361090 | 00056794 | G6 | G1 | 90,0 3.543 | 64,0 2.520 | 11,0 0.433 | 20,0 0.787 | 130,0 5.118 | 0 | PB | 1,08 2.380 |
| M40362110 | 00056796 | G6 | G2 | 110,0 4.331 | 84,0 3.307 | 14,0 0.551 | 25,0 0.984 | 150,0 5.906 | 0 | PB | 1,3 2.870 |
| M40363120 | 00056798 | G6 | G3 | 120,0 4.724 | 94,0 3.701 | 18,0 0.709 | 32,0 1.260 | 160,0 6.299 | 0 | PB | 1,5 3.310 |
| M40364150 | 00056800 | G6 | G4 | 150,0 5.906 | 124,0 4.882 | 22,0 0.866 | 40,0 1.575 | 190,0 7.480 | 0 | PB | 2,1 4.630 |
| M40365190 | 00056808 | G6 | G5 | 190,0 7.480 | 164,0 6.457 | 28,0 1.102 | 50,0 1.969 | 230,0 9.055 | 0 | PB | 3,3 7.280 |

Accessories

Seco Capto™

Others



Operating & setting accessories

Shrinkfit

| For | Locking key |
|-----------|-------------|
| M40350070 | 03H02 |
| M40351080 | 03H02 |
| M40352100 | 03H025 |
| M40353120 | 03H03 |
| M40354150 | 03H04 |
| M40361090 | 03H02 |
| M40362110 | 03H025 |
| M40363120 | 03H03 |
| M40364150 | 03H04 |
| M40365190 | 03H05 |

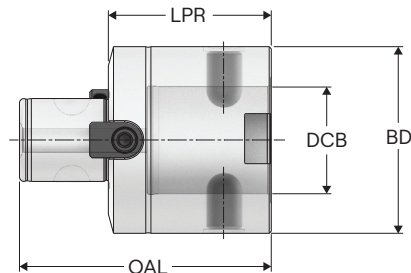


Spare Parts, included in delivery

| For | Assembly screw | Tenon |
|-----------|---|---|
| |  |  |
| M40350070 | 90F0 | 90M5 |
| M40351080 | 90F1 | 90M5 |
| M40352100 | 90F2 | 90M5 |
| M40353120 | 90F3 | 90M5 |
| M40354150 | 90F4 | 90M5 |
| M40361090 | 90F1 | 90M6 |
| M40362110 | 90F2 | 90M6 |
| M40363120 | 90F3 | 90M6 |
| M40364150 | 90F4 | 90M6 |
| M40365190 | 90F5 | 90M6 |

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- HSK-A
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- Others
- Operating & setting accessories
- Shrinkfit

Graflex to Graflex
- Metric/ Inch



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | DCB | BD | OAL | RFID hole | Balancing | Weight |
|-------------|-------------|------|------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|------------------|
| | | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| M40356 | 00056791 | G5 | G6 | 55,0 2.165 | 36,0 1.417 | 63,0 2.480 | 85,0 3.346 | 0 | PB | 1,1 2.430 |
| M40367 | 00056810 | G6 | G7 | 80,0 3.150 | 46,0 1.811 | 90,0 3.543 | 120,0 4.724 | 0 | PB | 3,5 7.720 |

Accessories

| For | Locking key |
|--------|-------------|
| M40356 | 03H06 |
| M40367 | 03H10 |

Spare Parts, included in delivery

| For | Assembly screw | Tenon |
|--------|----------------|-------|
| M40356 | 90F6 | 90M5 |
| M40367 | 90F7 | 90M6 |

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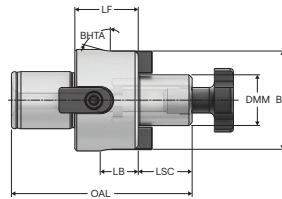
Shrinkfit

With through coolant channels
 – Metric/ Inch

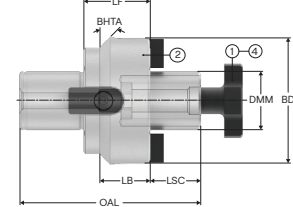
Graflex®



Design 1



Design 2


 – * Diameter BD on type 5524 is smaller than on type 5525
 – For ISO attribute explanation, see page 15

 Accessories:
 4 = Bolt, through coolant

 Spare parts:
 1 = Bolt
 2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | * | Design | BHTA° | RFID hole | Balancing | Weight |
|---------------|-------------|------|---------------|----------------|---------------|----------------|---------------|---------------|---|--------|-------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | | |
| M55251816 | 02422059 | G3 | 16,0 0.630 | 20,0 0.787 | 32,0 1.260 | 57,0 2.244 | 6,0 0.236 | 17,0 0.669 | | 1 | – | 0 | PB | 0,2 0.440 |
| M55252216R | 02422060 | G4R | 16,0 0.630 | 25,0 0.984 | 38,0 1.496 | 66,0 2.598 | 8,0 0.315 | 17,0 0.669 | | 1 | – | 0 | PB | 0,4 0.880 |
| M55252222 | 02422061 | G4 | 22,0 0.866 | 25,0 0.984 | 48,0 1.890 | 68,0 2.677 | 8,0 0.315 | 19,0 0.748 | | 2 | 45,0 | 0 | PB | 0,5 1.100 |
| M55252816 | 02422063 | G5 | 16,0 0.630 | 32,0 1.260 | 38,0 1.496 | 79,0 3.110 | 12,0 0.472 | 17,0 0.669 | | 1 | 45,0 | 0 | PB | 0,6 1.320 |
| M55252822R | 02422064 | G5R | 22,0 0.866 | 32,0 1.260 | 48,0 1.890 | 81,0 3.189 | 12,0 0.472 | 19,0 0.748 | | 1 | – | 0 | PB | 0,7 1.540 |
| M55252827 | 02422065 | G5 | 27,0 1.063 | 32,0 1.260 | 60,0 2.362 | 83,0 3.268 | 12,0 0.472 | 21,0 0.827 | * | 2 | 45,0 | 0 | PB | 0,86 1.900 |
| M55242827R | 02449581 | G5R | 27,0 1.063 | 32,0 1.260 | 48,0 1.890 | 83,0 3.268 | 12,0 0.472 | 21,0 0.827 | * | 1 | – | 0 | PB | 0,7 1.540 |
| M55253622 | 02422067 | G6 | 22,0 0.866 | 40,0 1.575 | 48,0 1.890 | 99,0 3.898 | 14,0 0.551 | 19,0 0.748 | | 1 | 45,0 | 0 | PB | 1,3 2.870 |
| M55253622120 | 02422066 | G6 | 22,0 0.866 | 120,0 4.724 | 48,0 1.890 | 179,0 7.047 | 94,0 3.701 | 19,0 0.748 | | 1 | 30,0 | 0 | PB | 2,4 5.290 |
| M55253627R | 02422069 | G6R | 27,0 1.063 | 40,0 1.575 | 60,0 2.362 | 101,0 3.976 | 14,0 0.551 | 21,0 0.827 | | 1 | – | 0 | PB | 1,3 2.870 |
| M55253627120R | 02422068 | G6R | 27,0 1.063 | 120,0 4.724 | 60,0 2.362 | 181,0 7.126 | 94,0 3.701 | 21,0 0.827 | | 1 | – | 0 | PB | 3,1 6.830 |
| M55253632 | 02422070 | G6 | 32,0 1.260 | 40,0 1.575 | 78,0 3.071 | 104,0 4.094 | 14,0 0.551 | 24,0 0.945 | | 2 | 30,0 | 0 | PB | 1,7 3.750 |
| M55254627R | 02422071 | G7R | 27,0 1.063 | 40,0 1.575 | 60,0 2.362 | 111,0 4.370 | 14,0 0.551 | 21,0 0.827 | | 1 | 45,0 | 0 | PB | 2,0 4.410 |
| M55254632 | 02422072 | G7 | 32,0 1.260 | 40,0 1.575 | 78,0 3.071 | 114,0 4.488 | 14,0 0.551 | 24,0 0.945 | | 1 | 45,0 | 0 | PB | 2,7 5.950 |

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
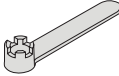

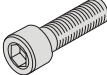


Seco Capto™

Others

 Operating &
 setting acces-
 sories

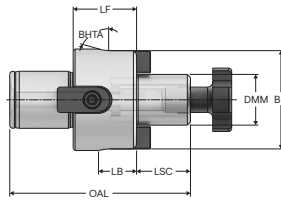
Shrinkfit

Accessories

| Guide | For | | | | |
|-----------------------------------|---------------|---|---|--|---|
| | | Bolt, through coolant | Spanner | | |
| | |  |  | | |
| HSK-A | M55242827R | 5802712L | 5812712 | | |
| | M55251816 | 5801608L | 5811608 | | |
| | M55252216R | 5801608L | 5811608 | | |
| | M55252222 | 5802210L | 5812210 | | |
| HSK-E | M55252816 | 5801608L | 5811608 | | |
| | M55252822R | 5802210L | 5812210 | | |
| | M55252827 | 5802712L | 5812712 | | |
| | M55253622 | 5802210L | 5812210 | | |
| DIN | M55253622120 | 5802210L | 5812210 | | |
| | M55253627120R | 5802712L | 5812712 | | |
| | M55253627R | 5802712L | 5812712 | | |
| | M55253632 | 5803216L | 5813216 | | |
| BT JIS | M55254627R | 5802712L | 5812712 | | |
| | M55254632 | 5803216L | 5813216 | | |
| Spare Parts, included in delivery | | | | | |
| CAT | For | Bolt | Screw | Tenon (machine side) | Tenon (workpiece side) |
| | |  |  |  |  |
| Combimaster | M55242827R | 5802712 | 950D0512 | 90M5R | 16C127 |
| | M55251816 | 5801608 | 950D0308 | 90M3 | 16C116 |
| | M55252216R | 5801608 | 950D0310 | 90M4R | 16C10810164 |
| | M55252222 | 5802210 | 950D0414 | 90M4 | 16C11012206 |
| | M55252816 | 5801608 | 950D0310 | 90M5 | 16C10810164 |
| | M55252822R | 5802210 | 950D0414 | 90M5R | 16C11012206 |
| | M55252827 | 5802712 | 950D0516 | 90M5 | 16C11214243 |
| | M55253622 | 5802210 | 950D0414 | 90M6 | 16C11012206 |
| | M55253622120 | 5802210 | 950D0414 | 90M6 | 16C11012206 |
| | M55253627120R | 5802712 | 950D0516 | 90M6R | 16C11214243 |
| Graflex | M55253627R | 5802712 | 950D0516 | 90M6R | 16C11214243 |
| | M55253632 | 5803216 | 950D0516 | 90M6 | 16C2141421 |
| | M55254627R | 5802712 | 950D0516 | 90M7R | 16C11214243 |
| Seco Capto™ | M55254632 | 5803216 | 950D0516 | 90M7 | 16C2141421 |
| | | | | | |
| Others | | | | | |
| Operating & setting accessories | | | | | |
| Shrinkfit | | | | | |

With through coolant channels
- Inch

Graflex®




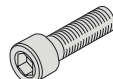

—For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | BHTA° | RFID hole | Balancing | Weight |
|-------------|-------------|------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | | lbs |
| M552528075 | 14000757 | G5 | 0.750 | 1.260 | 1.750 | 3.130 | 0.472 | 0.689 | 45,0 | 0 | PB | 1.370 |
| M552536100 | 14000760 | G6 | 1.000 | 1.575 | 2.250 | 3.839 | 0.551 | 0.689 | 45,0 | 0 | PB | 2.840 |
| M552546150 | 14000763 | G7 | 1.500 | 2.000 | 3.500 | 4.909 | 0.976 | 0.941 | 45,0 | 0 | PB | 7.500 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon (machine side) | Tenon (workpiece side) |
|------------|---|---|--|---|
| |  |  |  |  |
| M552528075 | 58211905 | 950D0312 | 90M5 | 16C11905 |
| M552536100 | 58212540 | 950D0416 | 90M6 | 16C12540 |
| M552546150 | 58213810 | 950D0616 | 90M7 | 16C23810 |

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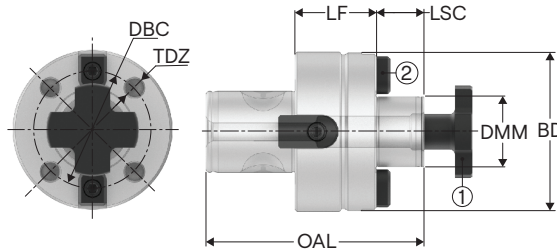
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Flange mounting – DIN 6357/ DIN 2079
– Metric/ Inch



–DMM 40, with additional central thread and bolt according to ISO 3937
–For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | LSC | BD | OAL | DBC | TDZ | RFID hole | Balancing | Weight |
|-------------|-------------|------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|-----------|-----------|------------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | | kg <i>lbs</i> |
| M5694640 | 00076744 | G7 | 40,0 1.575 | 46,0 1.811 | 27,0 1.063 | 89,0 3.504 | 123,0 4.843 | 66,7 2.626 | M12x1.75 | 0 | PB | 3,1 6.830 |
| M5694660 | 00076745 | G7 | 60,0 2.362 | 54,0 2.126 | 40,0 1.575 | 129,0 5.079 | 144,0 5.669 | 101,6 4.000 | M16x2 | 0 | PB | 5,6 12.350 |

Accessories

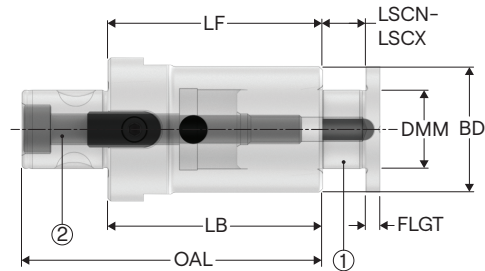
| For | Spanner |
|----------|---------|
| M5694640 | 5814020 |
| M5694660 | - |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon (machine side) | Tenon (workpiece side) |
|----------|---------|----------|----------------------|------------------------|
| M5694640 | 5804020 | 950D0616 | 90M7 | 16C34040 |
| M5694660 | - | 950D1225 | 90M7 | 16C35060 |

- Metric/ Inch

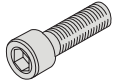


Graflex®


 - Best suited for Seco disc mill cutters Type A
 - For ISO attribute explanation, see page 15

 Spare parts:
 1 = Slide rod
 2 = Screw

| Designation | Item number | CTMS | DMM | LF | BD | LB | OAL | FLGT | LSCN | LSCX | RFID hole | Balancing | Weight |
|-------------|-------------|------|---------------|----------------|---------------|----------------|----------------|--------------|------------|---------------|------------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | |
| M56562222 | 00076737 | G4 | 22,0 0.866 | 60,0 2.362 | 35,0 1.378 | 43,0 1.693 | 84,0 3.307 | 4,0 0.157 | 0,0 0.0 | 12,0 0.472 | 0 | PB | 0,6 1.320 |
| M56562827 | 00076738 | G5 | 27,0 1.063 | 65,0 2.559 | 42,0 1.654 | 45,0 1.772 | 95,0 3.740 | 5,0 0.197 | 0,0 0.0 | 15,0 0.591 | 0 | PB | 0,95 2.090 |
| M5656283212 | 02422074 | G5 | 32,0 1.260 | 80,0 3.150 | 48,0 1.890 | 60,0 2.362 | 110,0 4.331 | 6,0 0.236 | 0,0 0.0 | 24,0 0.945 | 0 | PB | 1,32 2.910 |
| M56563640 | 00076741 | G6 | 40,0 1.575 | 110,0 4.331 | 58,0 2.283 | 84,0 3.307 | 150,0 5.906 | 7,0 0.276 | 0,0 0.0 | 30,0 1.181 | 0 | PB | 2,8 6.170 |
| M56564650 | 00076743 | G7 | 50,0 1.969 | 130,0 5.118 | 72,0 2.835 | 104,0 4.094 | 180,0 7.087 | 8,0 0.315 | 0,0 0.0 | 32,0 1.260 | 0 | PB | 5,4 11.900 |

Spare Parts, included in delivery

| For | Screw | Slide rod | Tenon |
|-------------|---|---|---|
| |  |  |  |
| M56562222 | 950D0860 | 565622 | 90M4 |
| M56562827 | 950D1070 | 565627 | 90M5 |
| M5656283212 | 950D1290 | 56563202 | 90M5 |
| M56563640 | 950D16110 | 565640 | 90M6 |
| M56564650 | 950D16120 | 565650 | 90M7 |

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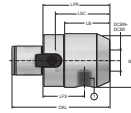
Seco Capto™

Others

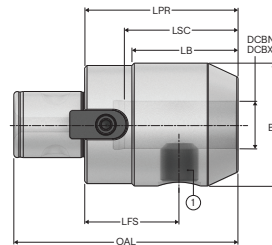
Operating & setting accessories

Shrinkfit

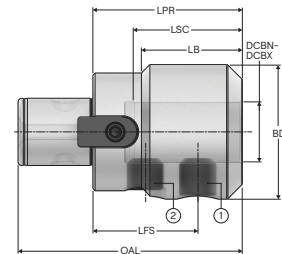
DIN 1835 Form B/ DIN 6535 Form HB
– Metric/ Inch



Design 1



Design 2






–Weldon ØDCBN-DCBX 20, 25, 32 and 40 mm / 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
–For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw 1
2 = Locking screw 2

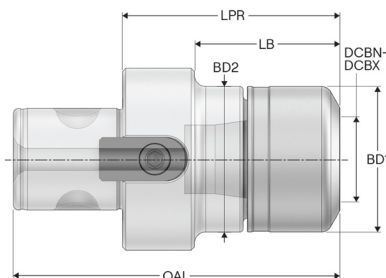
| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LSC | LB | BD | OAL | LFS | Design | RFID hole | Balancing | Weight |
|-------------|-------------|------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|-----|--------|-----------|---------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | |
| M5842806 | 00076748 | G5 | 6,0 0.236 | 45,0 1.772 | 27,0 1.063 | 25,0 0.984 | 25,0 0.984 | 75,0 2.953 | 27,5 1.083 | 1 | 0 | PB | 0,6 1.320 | |
| M5842808 | 00076749 | G5 | 8,0 0.315 | 45,0 1.772 | 30,0 1.181 | 25,0 0.984 | 28,0 1.102 | 75,0 2.953 | 27,5 1.083 | 1 | 0 | PB | 0,52 1.150 | |
| M5842810 | 00076750 | G5 | 10,0 0.394 | 55,0 2.165 | 36,0 1.417 | 35,0 1.378 | 35,0 1.378 | 85,0 3.346 | 35,5 1.398 | 1 | 0 | PB | 0,7 1.540 | |
| M5842812 | 00076751 | G5 | 12,0 0.472 | 60,0 2.362 | 43,0 1.693 | 40,0 1.575 | 42,0 1.654 | 90,0 3.543 | 38,0 1.496 | 1 | 0 | PB | 0,8 1.760 | |
| M5842814 | 00076752 | G5 | 14,0 0.551 | 60,0 2.362 | 43,0 1.693 | 40,0 1.575 | 44,0 1.732 | 90,0 3.543 | 38,0 1.496 | 1 | 0 | PB | 0,81 1.790 | |
| M5842816 | 00076753 | G5 | 16,0 0.630 | 65,0 2.559 | 46,0 1.811 | 45,0 1.772 | 48,0 1.890 | 95,0 3.740 | 41,5 1.634 | 1 | 0 | PB | 1,0 2.200 | |
| M5842818 | 00076754 | G5 | 18,0 0.709 | 65,0 2.559 | 46,0 1.811 | 45,0 1.772 | 50,0 1.969 | 95,0 3.740 | 41,5 1.634 | 1 | 0 | PB | 0,96 2.120 | |
| M5842820 | 00071723 | G5 | 20,0 0.787 | 65,0 2.559 | 48,0 1.890 | 45,0 1.772 | 52,0 2.047 | 95,0 3.740 | 40,5 1.594 | 1 | 0 | PB | 1,0 2.200 | |
| M5843616 | 00076761 | G6 | 16,0 0.630 | 65,0 2.559 | 46,0 1.811 | 39,0 1.535 | 48,0 1.890 | 105,0 4.134 | 41,5 1.634 | 1 | 0 | PB | 1,4 3.090 | |
| M5843620 | 00076763 | G6 | 20,0 0.787 | 65,0 2.559 | 48,0 1.890 | 39,0 1.535 | 52,0 2.047 | 105,0 4.134 | 40,5 1.594 | 1 | 0 | PB | 1,4 3.090 | |
| M5843625 | 00072478 | G6 | 25,0 0.984 | 80,0 3.150 | 54,0 2.126 | 54,0 2.126 | 63,0 2.480 | 120,0 4.724 | 56,5 2.224 | 2 | 0 | PB | 1,9 4.190 | |
| M5843632 | 00071725 | G6 | 32,0 1.260 | 80,0 3.150 | 58,0 2.283 | 54,0 2.126 | 72,0 2.835 | 120,0 4.724 | 56,5 2.224 | 2 | 0 | PB | 2,1 4.630 | |
| M5844640 | 00076767 | G7 | 40,0 1.575 | 100,0 3.937 | 68,0 2.677 | 74,0 2.913 | 80,0 3.150 | 150,0 5.906 | 70,5 2.776 | 2 | 0 | PB | 4,0 8.820 | |

Spare Parts, included in delivery

| For | Locking screw | Locking screw, reduced | Tenon |
|----------|---|---|---|
| |  |  |  |
| M5842806 | 951C0610 | - | 90M5 |
| M5842808 | 951C0810 | - | 90M5 |
| M5842810 | 951C1012 | - | 90M5 |
| M5842812 | 951C1216 | - | 90M5 |
| M5842814 | 951C1216 | - | 90M5 |
| M5842816 | 951C1416 | - | 90M5 |
| M5842818 | 951C1416 | - | 90M5 |
| M5842820 | 951C1616 | - | 90M5 |
| M5843616 | 951C1416 | - | 90M6 |
| M5843620 | 951C1616 | - | 90M6 |
| M5843625 | 951C1820 | - | 90M6 |
| M5843632 | 951C2020 | 951C2017 | 90M6 |
| M5844640 | 951C2020 | - | 90M7 |

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| Shrinkfit |




- Metric/ Inch




-Run-out 8 µm maximum at 3 x ØDCBN-DCBX
 -For ER HP collets type 5672, see page(s) 389, 390, 391-397
 -For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN mm inch | DCBX mm inch | CTWS | LPR mm inch | BD2 mm inch | BD1 mm inch | OAL mm inch | LB mm inch | RFID hole | Balancing | Weight kg lbs |
|---------------|-------------|------|--------------------|--------------------|-------|-------------------|-------------------|-------------------|-------------------|------------------|-----------|-----------|---------------------|
| G5-ERHP25-060 | 10359270 | G5 | 1,0 0.039 | 16,0 0.630 | HP 25 | 60,0 2.362 | 40,0 1.575 | 40,0 1.575 | 90,0 3.543 | 40,0 1.575 | 0 | PB | 0,7 1.540 |
| G6-ERHP32-070 | 10359271 | G6 | 2,0 0.079 | 20,0 0.787 | HP 32 | 70,0 2.756 | 50,0 1.969 | 50,0 1.969 | 110,0 4.331 | 44,0 1.732 | 0 | PB | 1,4 3.090 |

Accessories

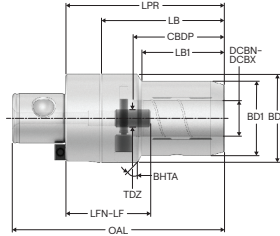
| For | Key | Socket | Torque key |
|--------|---|--|---|
| ERHP25 |  03LME1418260 |  03ER040 |  03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

Spare Parts, included in delivery

| For | Nut |
|--------|---|
| ERHP25 |  08B567225C |
| ERHP32 | 08B567232C |

Conventional type
- Metric/ Inch

Graflex®

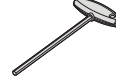


-For reduction sleeves, see page(s) 381, 382
-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------|-------------|------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------|-------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| G5-HC20-090 | 10137322 | G5 | 20,0 0.787 | 90,0 3.543 | 70,0 2.756 | 47,0 1.850 | 52,0 2.047 | 50,0 1.969 | 42,0 1.654 | 120,0 4.724 | 38,0 1.496 | 48,0 1.890 | M10x1.5 | 30,0 | 0 | PB | 1,2 2.650 |
| G6-HC25-100 | 10137323 | G6 | 25,0 0.984 | 100,0 3.937 | 74,0 2.913 | 50,0 1.969 | 58,0 2.283 | 63,0 2.480 | 58,0 2.283 | 140,0 5.512 | 42,0 1.654 | 52,0 2.047 | M10x1.5 | 45,0 | 0 | PB | 2,3 5.070 |
| G6-HC32-100 | 10137324 | G6 | 32,0 1.260 | 100,0 3.937 | 74,0 2.913 | - | 63,0 2.480 | - | 64,0 2.520 | 140,0 5.512 | 37,0 1.457 | 62,0 2.441 | - | - | 0 | PB | 2,3 5.070 |

Accessories

| For | Key |
|-----|---------|
| G5 | 03MS04C |
| G6 | 03MS04C |



Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

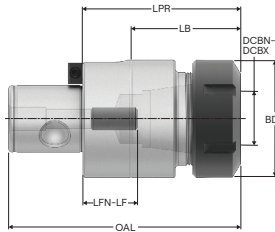
Seco Capto™

Others

Operating & setting accessories

Shrinkfit


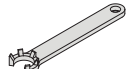
ISO 15488
– Metric/ Inch






–For ER extensions and ER collets, see page(s) 362, 363, 399, 400, 401, 402
–For ER sealing rings, see page(s) 410, 411
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | LFN | LF | TDZ | RFID hole | Balancing | Weight |
|----------------|-------------|------|--------------|---------------|-------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|----------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| G3-ER25-070-N1 | 10229745 | G3 | 1,0 0.039 | 16,0 0.630 | ER 25 | 70,0 2.756 | 32,0 1.260 | 35,0 1.378 | 90,0 3.543 | 56,0 2.205 | 12,0 0.472 | 32,0 1.260 | M10X1.5 | 0 | PB | 0,4 0.880 |
| G5-ER25-060 | 10229746 | G5 | 1,0 0.039 | 16,0 0.630 | ER 25 | 60,0 2.362 | 42,0 1.654 | 42,0 1.654 | 90,0 3.543 | 40,0 1.575 | 6,0 0.236 | 22,0 0.866 | M12X1.75 | 0 | PB | 0,7 1.540 |
| G5-ER32-075 | 10229747 | G5 | 2,0 0.079 | 20,0 0.787 | ER 32 | 75,0 2.953 | 50,0 1.969 | 50,0 1.969 | 105,0 4.134 | 55,0 2.165 | 15,0 0.591 | 35,0 1.378 | M12X1.75 | 0 | PB | 1,0 2.200 |
| G6-ER25-060 | 10229748 | G6 | 1,0 0.039 | 16,0 0.630 | ER 25 | 60,0 2.362 | 42,0 1.654 | 42,0 1.654 | 100,0 3.937 | 34,0 1.339 | 6,0 0.236 | 22,0 0.866 | M12X1.75 | 0 | PB | 1,1 2.430 |
| G6-ER32-075 | 10229749 | G6 | 2,0 0.079 | 20,0 0.787 | ER 32 | 75,0 2.953 | 50,0 1.969 | 50,0 1.969 | 115,0 4.528 | 49,0 1.929 | 17,0 0.669 | 35,0 1.378 | M12X1.75 | 0 | PB | 1,4 3.090 |
| G6-ER40-085 | 10229750 | G6 | 3,0 0.118 | 26,0 1.024 | ER 40 | 85,0 3.346 | 63,0 2.480 | 63,0 2.480 | 125,0 4.921 | 59,0 2.323 | 20,0 0.787 | 40,0 1.575 | M12X1.75 | 0 | PB | 1,7 3.750 |

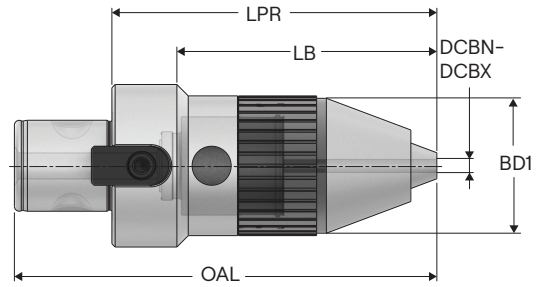
Accessories

| For | Seal nut | Spanner |
|----------------|---|---|
| G3-ER25-070-N1 |  |  |
| G5-ER25-060 | 08B587525IC | 03B587525 |
| G5-ER32-075 | 08B587532IC | 03B587532 |
| G6-ER25-060 | 08B587525IC | 03B587525 |
| G6-ER32-075 | 08B587532IC | 03B587532 |
| G6-ER40-085 | 08B587540IC | 03B587540 |

Spare Parts, included in delivery

| For | Nut | Stop screw | Tenon |
|----------------|---|---|---|
| G3-ER25-070-N1 |  |  |  |
| G5-ER25-060 | 08B587525M | 19LRC1020 | 90M3 |
| G5-ER32-075 | 08B587525X | 19LRC1225 | 90M5C |
| G6-ER25-060 | 08B587532X | 19LRC1225 | 90M5 |
| G6-ER32-075 | 08B587525X | 19LRC1225 | 90M62 |
| G6-ER40-085 | 08B587532X | 19LRC1225 | 90M6 |
| | 08B587540X | 19LRC1225 | 90M6 |

- Metric/ Inch



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | OAL | LPR | LB | BD1 | RFID hole | Balancing | Weight |
|-------------|-------------|------|--------------|---------------|----------------|----------------|---------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | | | | | | | |
| M50852813L | 00055942 | G5 | 1,0 0.039 | 13,0 0.512 | 130,0 5.118 | 100,0 3.937 | 80,0 3.150 | 43,0 1.693 | 0 | PB | 0,92 2.030 |
| M50853616L | 00055943 | G6 | 2,5 0.098 | 16,0 0.630 | 160,0 6.299 | 120,0 4.724 | 94,0 3.701 | 56,0 2.205 | 0 | PB | 2,1 4.630 |

Spare Parts, included in delivery

| For | Tenon |
|------------|-------|
| M50852813L | 90M5 |
| M50853616L | 90M6 |



Guide
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Shrinkfit

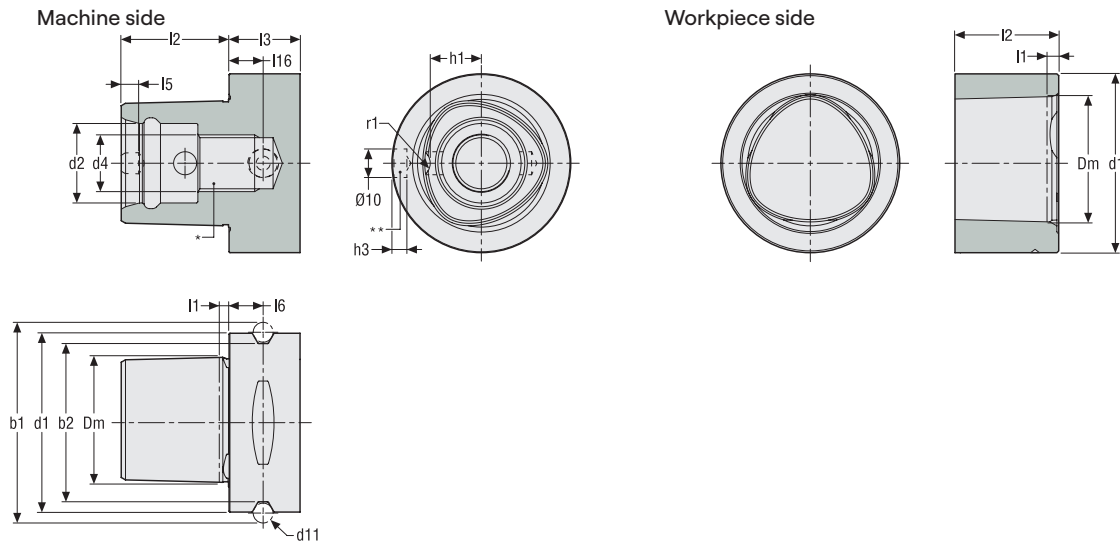


Seco Capto™

Seco Capto™ is a leading quick-change modular tooling system for quick setup and replacement of cutting edge holders. The Seco Capto™ modular tooling range uses Polygonal Shank Coupling (PSC) in accordance with ISO 26623 and features a self-locking taper joint.

- Tool holders range, such as Shrinkfit, collet chuck and shell mill
- Seco Capto™ basic arbors with HSK, DIN, BT connections
- Seco Capto™ cassette for greater reliability and insert clamping

ISO 26623-1-PSC/ ISO 26623-2-PSC



| Machine side catalogue designation | Hole for RFID carrier** | d ₁ | d ₂ | d ₄ | d ₁₁ | Dm | b ₁ | b ₂ | l ₁ | l ₂ | l _{3 min} | l ₅ | l ₆ | l ₁₆ | h ₁ | h ₃ | r ₁ |
|------------------------------------|-------------------------|----------------|----------------|----------------|-----------------|-------------|----------------|----------------|----------------|----------------|--------------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| C3 | No** | 32 1.260 | 15 0.591 | M12 | 5 0.197 | 22 0.866 | 39 1.535 | 28,3 1.114 | 2,5 0.098 | 19 0.748 | 15 0.591 | 3,2 0.126 | 6 0.236 | 9 0.354 | 9 0.354 | 5,4 0.213 | 3 0.118 |
| C4 | No** | 40 1.575 | 18 0.709 | M14 | 5 0.197 | 28 1.102 | 46 1.811 | 35,3 1.390 | 2,5 0.098 | 24 0.945 | 20 0.787 | 4 0.157 | 8 0.315 | 12 0.472 | 11 0.433 | 5,2 0.205 | 3 0.118 |
| C5 | ** | 50 1.969 | 21 0.827 | M16 | 7 0.276 | 35 1.378 | 59,3 2.335 | 44,4 1.748 | 3 0.118 | 30 1.181 | 20 0.787 | 5,3 0.209 | 10 0.394 | 12 0.472 | 14 0.551 | 5,1 0.201 | 4 0.157 |
| C6 | ** | 63 2.480 | 28 1.102 | M20 | 7 0.276 | 44 1.732 | 70,7 2.783 | 55,8 2.197 | 3 0.118 | 38 1.496 | 22 0.866 | 6,2 0.244 | 12 0.472 | 12 0.472 | 18 0.709 | 5 0.197 | 5 0.197 |
| C8 | ** | 80 3.150 | 32 1.260 | M20 | 7 0.276 | 55 2.165 | 86 3.386 | 71,1 2.799 | 3 0.118 | 48 1.890 | 30 1.181 | 8 0.315 | 12 0.472 | 12 0.472 | 22,2 0.874 | 4,9 0.193 | 6 0.236 |

| Workpiece side catalogue designation | Hole for RFID carrier** | d _{1 min} | d ₃ | Dm | l ₁ | l ₂ | l ₃ | l ₄ |
|--------------------------------------|-------------------------|--------------------|----------------|-------------|----------------|----------------|----------------|----------------|
| | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch |
| C3 | No | 32 1.260 | 2 0.079 | 22 0.866 | 2,3 0.091 | 18,4 0.724 | 16,5 0.650 | 9,4 0.370 |
| C4 | No | 40 1.575 | 2,5 0.098 | 28 1.102 | 2,3 0.091 | 23,4 0.921 | 21 0.827 | 11,5 0.453 |
| C5 | No | 50 1.969 | 3 0.118 | 35 1.378 | 2,8 0.110 | 29,4 1.157 | 26 1.024 | 14,5 0.571 |
| C6 | ** | 63 2.480 | 4 0.157 | 44 1.732 | 2,8 0.110 | 37,4 1.472 | 33,5 1.319 | 18,5 0.728 |
| C8 | ** | 80 3.150 | 5 0.197 | 55 2.165 | 2,8 0.110 | 47,4 1.866 | 43 1.693 | 22,8 0.898 |

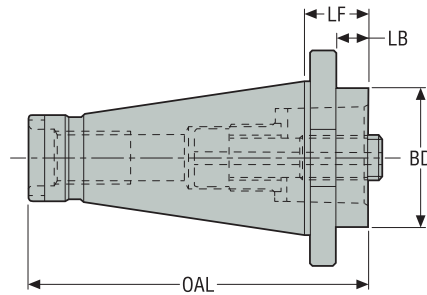
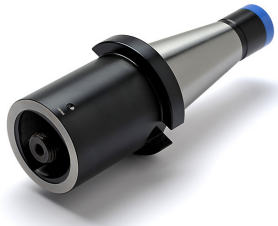
Note: These machine side and workpiece side dimensions are applied to all the holders shown in the Product pages.

* The Seco Capto™ machine side of short extensions can only be hold by spindles with segment clamping (not with center bolt clamping). The Seco Capto™ machine side of short reducers can only be hold by spindles with segment clamping (not with center bolt clamping).

** In order to know if a hole for RFID carrier exists, see 'RFID hole' column in Product pages: i= hole for RFID carrier available, if required a carrier can be fitted on request, please enquire.
 0= hole for RFID carrier not available, if required hole can be machined and a carrier can be fitted on request, please enquire.

Guide
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 HSK-E
 DIN
 BT JIS
 CAT
 Combimaster
 Graflex
 Seco Capto™
 Others
 Operating & setting accessories
 Shrinkfit

Seco Capto™ – ISO 26623-2
– Metric/ Inch

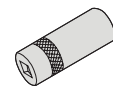
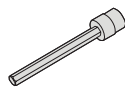


–For ISO attribute explanation, see page 15

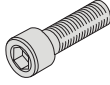

| Designation | Item number | CTMS | CTWS | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|-----------------|-------------|-------------|------|----------------|----------------|---------------|----------------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | |
| C3-390.00-40030 | 75039844 | DIN(2080)40 | C3 | 30,0 1.181 | 18,4 0.724 | 32,0 1.260 | 123,4 4.858 | 0 | – | 0,9 1.980 |
| C4-390.00-40030 | 75039848 | DIN(2080)40 | C4 | 30,0 1.181 | 18,4 0.724 | 40,0 1.575 | 123,4 4.858 | 0 | – | 1,0 2.200 |
| C4-390.00-40060 | 75039849 | DIN(2080)40 | C4 | 60,0 2.362 | 48,4 1.906 | 40,0 1.575 | 153,4 6.039 | 0 | – | 1,08 2.380 |
| C5-390.00-40030 | 75039852 | DIN(2080)40 | C5 | 30,0 1.181 | 18,4 0.724 | 50,0 1.969 | 123,4 4.858 | 0 | – | 0,81 1.790 |
| C6-390.00-40075 | 00048158 | DIN(2080)40 | C6 | 75,0 2.953 | 0,0 – | 63,0 2.480 | 168,4 6.630 | 0 | – | 1,82 4.010 |
| C3-390.00-50030 | 75039846 | DIN(2080)50 | C3 | 30,0 1.181 | 14,8 0.583 | 32,0 1.260 | 156,8 6.173 | 0 | – | 2,5 5.510 |
| C3-390.00-50060 | 75039847 | DIN(2080)50 | C3 | 60,0 2.362 | 44,8 1.764 | 32,0 1.260 | 186,8 7.354 | 0 | – | 2,5 5.510 |
| C4-390.00-50030 | 75039850 | DIN(2080)50 | C4 | 30,0 1.181 | 14,8 0.583 | 40,0 1.575 | 156,8 6.173 | 0 | – | 2,5 5.510 |
| C4-390.00-50060 | 75039851 | DIN(2080)50 | C4 | 60,0 2.362 | 44,8 1.764 | 40,0 1.575 | 186,8 7.354 | 0 | – | 2,5 5.510 |
| C5-390.00-50030 | 75039854 | DIN(2080)50 | C5 | 30,0 1.181 | 14,8 0.583 | 50,0 1.969 | 156,8 6.173 | 0 | – | 2,62 5.780 |
| C5-390.00-50070 | 75039855 | DIN(2080)50 | C5 | 70,0 2.756 | 54,8 2.157 | 50,0 1.969 | 196,8 7.748 | 0 | – | 3,29 7.250 |
| C6-390.00-50030 | 75039856 | DIN(2080)50 | C6 | 30,0 1.181 | 14,8 0.583 | 63,0 2.480 | 156,8 6.173 | 0 | – | 2,56 5.640 |
| C6-390.00-50080 | 75039857 | DIN(2080)50 | C6 | 80,0 3.150 | 64,8 2.551 | 63,0 2.480 | 206,8 8.142 | 0 | – | 3,27 7.210 |
| C8-390.00-50070 | 75039858 | DIN(2080)50 | C8 | 70,0 2.756 | 54,8 2.157 | 80,0 3.150 | 196,8 7.748 | 0 | – | 3,8 8.380 |
| C8-390.00-50120 | 75039859 | DIN(2080)50 | C8 | 120,0 4.724 | 104,8 4.126 | 80,0 3.150 | 246,8 9.717 | 0 | – | 5,6 12.350 |

Accessories

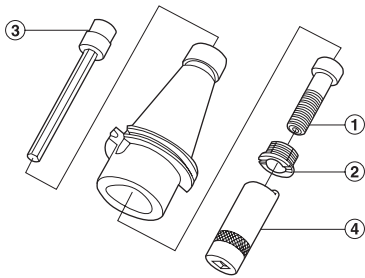
| For | Extension key | Spanner |
|--------|---------------|------------|
| C3 | 5680015-05 | 5680065-13 |
| C4 | 5680015-05 | 5680065-10 |
| C5 | 5680015-01 | 5680065-11 |
| C6-400 | 5680015-01 | 5680065-12 |
| C6-500 | 5680015-02 | 5680065-12 |
| C8 | 5680015-02 | 5680065-12 |



Spare Parts, included in delivery

| For | Centre screw | Retaining nut |
|--------|---|---|
| |  |  |
| C3 | 5512063-10 | 5512091-04 |
| C4 | 5512063-07 | 5512091-03 |
| C5 | 5512063-08 | 5512091-01 |
| C6-400 | 5512063-13 | 5512091-02 |
| C6-500 | 5512063-09 | 5512091-02 |
| C8 | 5512063-09 | 5512091-02 |

Accessories / Spare Parts



Accessories:

- 3 = Extension key
- 4 = Spanner

Spare parts:

- 1 = Center screw
- 2 = Retaining nut

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

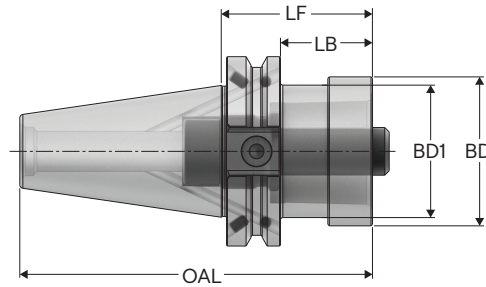
Others

Operating & setting accessories

Shrinkfit

Seco Capto™ – ISO 26623-2
– Inch

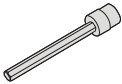
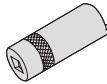
CAT / ASME B5.50-2009-ADB



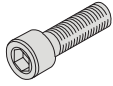


–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | BD | BD1 | OAL | Design | RFID hole | Balancing | Weight |
|-------------------|-------------|-----------|------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | | | | lbs |
| C3-A390B.45-40060 | 02925929 | CAT40 ADB | C3 | 2.362 | 1.610 | 1.260 | 1.260 | 5.055 | 2 | 0 | PB | 2.200 |
| C4-A390B.45-40030 | 02925932 | CAT40 ADB | C4 | 1.181 | 0.429 | 1.575 | 1.575 | 3.874 | 2 | 0 | PB | 1.980 |
| C4-A390B.45-40060 | 02925933 | CAT40 ADB | C4 | 2.362 | 1.610 | 1.575 | 1.575 | 5.055 | 2 | 0 | PB | 2.430 |
| C5-A390B.45-40040 | 02925935 | CAT40 ADB | C5 | 1.575 | 0.823 | 1.969 | 1.969 | 4.268 | 2 | 0 | PB | 2.200 |
| C5-A390B.45-40080 | 02925936 | CAT40 ADB | C5 | 3.150 | 2.398 | 1.969 | 1.969 | 5.843 | 2 | 0 | PB | 3.310 |
| C6-A390B.45-40085 | 02925939 | CAT40 ADB | C6 | 3.346 | 1.378 | 2.480 | 2.480 | 6.039 | 2 | 0 | PB | 4.190 |
| C3-A390B.45-50030 | 02925930 | CAT50 ADB | C3 | 1.181 | 0.429 | 1.260 | 1.260 | 5.185 | 2 | 0 | PB | 6.390 |
| C3-A390B.45-50060 | 02925931 | CAT50 ADB | C3 | 2.362 | 1.610 | 1.260 | 1.260 | 6.366 | 2 | 0 | PB | 5.970 |
| C4-A390B.45-50030 | 02925948 | CAT50 ADB | C4 | 1.181 | 0.429 | 1.575 | 1.575 | 5.185 | 2 | 0 | PB | 5.780 |
| C4-A390B.45-50060 | 02925934 | CAT50 ADB | C4 | 2.362 | 1.610 | 1.969 | 1.575 | 6.366 | 2 | 0 | PB | 6.610 |
| C5-A390B.45-50030 | 02925937 | CAT50 ADB | C5 | 1.181 | 0.429 | 1.969 | 1.969 | 5.185 | 2 | 0 | PB | 5.510 |
| C5-A390B.45-50070 | 02925938 | CAT50 ADB | C5 | 2.756 | 2.004 | 1.969 | 1.969 | 6.760 | 2 | 0 | PB | 6.610 |
| C6-A390B.45-50030 | 02925940 | CAT50 ADB | C6 | 1.181 | 0.429 | 2.480 | 2.480 | 5.185 | 2 | 0 | PB | 5.510 |
| C6-A390B.45-50080 | 02925941 | CAT50 ADB | C6 | 3.150 | 2.398 | 2.480 | 2.480 | 7.154 | 2 | 0 | PB | 7.940 |
| C8-A390B.45-50070 | 02925942 | CAT50 ADB | C8 | 2.756 | 2.004 | 3.150 | 3.150 | 6.760 | 2 | 0 | PB | 7.940 |
| C8-A390B.45-50120 | 02925943 | CAT50 ADB | C8 | 4.724 | 3.972 | 3.150 | 3.150 | 8.728 | 2 | 0 | PB | 12.350 |

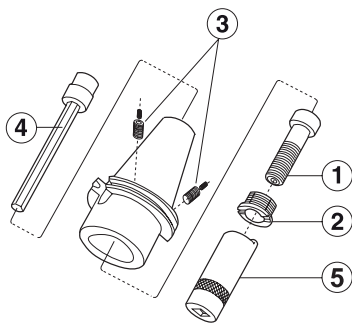
Accessories

| For | Extension key | Spanner |
|-----------------|---|---|
| |  |  |
| CAT40/ C3 | 5680015-05 | 5680065-13 |
| CAT40/ C4 | 5680015-05 | 5680065-10 |
| CAT40/ C5 | 5680015-01 | 5680065-11 |
| CAT40/ C6 | 5680015-01 | 5680065-12 |
| CAT50/ C3 | 5680015-05 | 5680065-13 |
| CAT50/ C4-50030 | 5680015-05 | 5680065-10 |
| CAT50/ C4-50060 | 5680015-05 | 5680065-10 |
| CAT50/ C5 | 5680015-01 | 5680065-11 |
| CAT50/ C6 | 5680015-02 | 5680065-12 |
| CAT50/ C8 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Plug | Retaining nut |
|-----------------|---|---|---|
| |  |  |  |
| CAT40/ C3 | 5512063-10 | 564301701 | 5512091-04 |
| CAT40/ C4 | 5512063-07 | 564301701 | 5512091-03 |
| CAT40/ C5 | 5512063-08 | 564301701 | 5512091-01 |
| CAT40/ C6 | 5512063-13 | 564301701 | 5512091-02 |
| CAT50/ C3 | 5512063-10 | 564301702 | 5512091-04 |
| CAT50/ C4-50030 | 5512063-07 | 564301701 | 5512091-03 |
| CAT50/ C4-50060 | 5512063-07 | 564301702 | 5512091-03 |
| CAT50/ C5 | 5512063-08 | 564301702 | 5512091-01 |
| CAT50/ C6 | 5512063-09 | 564301702 | 5512091-02 |
| CAT50/ C8 | 5512063-09 | 564301702 | 5512091-02 |

Accessories / Spare Parts



Accessories:
4 = Extension key
5 = Spanner

Spare parts:
1 = Center screw
2 = Retaining nut
3 = Plugs (dowels)

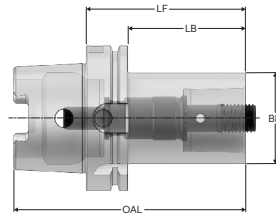
| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Seco Capto™ – ISO 26623-2
– Metric/ Inch

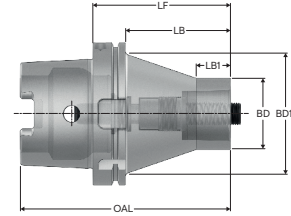
HSK-A/ ISO12164-1-HSK-A



Design 1



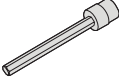
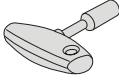
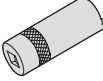
Design 2



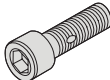


–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | LB1 | BD | BD1 | OAL | Design | RFID hole | Balancing | Weight |
|------------------|-------------|----------|------|----------------|----------------|---------------|---------------|----------------|----------------|--------|-----------|-----------|---------------|
| | | | | mm | mm | mm | mm | mm | mm | | | | kg |
| | | | | inch | inch | inch | inch | inch | inch | | | | lbs |
| HA06-C3-032-075 | 10197962 | HSK-A63 | C3 | 75,0 2.953 | 49,0 1.929 | – | 32,0 1.260 | – | 107,0 4.213 | 1 | 1 | PB | 0,9 1.980 |
| HA06-C4-040-080 | 10197964 | HSK-A63 | C4 | 80,0 3.150 | 54,0 2.126 | – | 40,0 1.575 | – | 112,0 4.409 | 1 | 1 | PB | 1,1 2.430 |
| HA06-C5-050-090 | 10197966 | HSK-A63 | C5 | 90,0 3.543 | 64,0 2.520 | – | 50,0 1.969 | – | 122,0 4.803 | 1 | 1 | PB | 1,3 2.870 |
| HA10-C3-032-080 | 10197961 | HSK-A100 | C3 | 80,0 3.150 | 51,0 2.008 | – | 32,0 1.260 | – | 130,0 5.118 | 1 | 1 | PB | 2,5 5.510 |
| HA10-C4-040-090 | 10197963 | HSK-A100 | C4 | 90,0 3.543 | 61,0 2.402 | – | 40,0 1.575 | – | 140,0 5.512 | 1 | 1 | PB | 2,5 5.510 |
| HA10-C5-050-100 | 10197965 | HSK-A100 | C5 | 100,0 3.937 | 71,0 2.795 | – | 50,0 1.969 | – | 150,0 5.906 | 1 | 1 | PB | 2,9 6.390 |
| HA10-C6-063-110 | 10197967 | HSK-A100 | C6 | 110,0 4.331 | 81,0 3.189 | – | 63,0 2.480 | – | 160,0 6.299 | 1 | 1 | PB | 3,6 7.940 |
| HA10-C8-080-120 | 10197968 | HSK-A100 | C8 | 120,0 4.724 | 91,0 3.583 | – | 80,0 3.150 | – | 170,0 6.693 | 1 | 1 | PB | 4,8 10.580 |
| HSKA125-C6-120 | 03229625 | HSK-A125 | C6 | 120,0 4.724 | 91,0 3.583 | – | 63,0 2.480 | – | 183,0 7.205 | 1 | 1 | PB | 5,2 11.460 |
| HSKA125-C6-120-V | 03229626 | HSK-A125 | C6 | 120,0 4.724 | 91,0 3.583 | 30,0 1.181 | 63,0 2.480 | 108,0 4.252 | 183,0 7.205 | 2 | 1 | PB | 6,4 14.110 |
| HSKA125-C8-130 | 03229627 | HSK-A125 | C8 | 130,0 5.118 | 101,0 3.976 | – | 80,0 3.150 | – | 193,0 7.598 | 1 | 1 | PB | 6,5 14.330 |
| HSKA125-C8-130-V | 03229628 | HSK-A125 | C8 | 130,0 5.118 | 101,0 3.976 | 30,0 1.181 | 80,0 3.150 | 105,0 4.134 | 193,0 7.598 | 2 | 1 | PB | 7,8 17.200 |

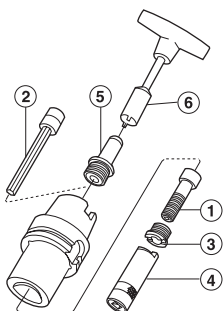
Accessories

| For | Extension key | Key | Spanner | |
|------------------|---|---|---|-------|
| |  |  |  | Guide |
| HA06-C3-032-075 | 5680015-05 | 5680094-04 | 5680065-13 | HSK-A |
| HA06-C4-040-080 | 5680015-05 | 5680094-04 | 5680065-10 | |
| HA06-C5-050-090 | 5680015-01 | 5680094-04 | 5680065-11 | |
| HA10-C3-032-080 | 5680015-05 | 5680094-06 | 5680065-13 | HSK-E |
| HA10-C4-040-090 | 5680015-05 | 5680094-06 | 5680065-10 | |
| HA10-C5-050-100 | 5680015-01 | 5680094-06 | 5680065-11 | |
| HA10-C6-063-110 | 5680015-02 | 5680094-06 | 5680065-12 | DIN |
| HA10-C8-080-120 | 5680015-02 | 5680094-06 | 5680065-12 | |
| HSKA125-C6-120 | 5680015-02 | 5680094-07 | 5680065-12 | |
| HSKA125-C6-120-V | 5680015-02 | 5680094-07 | 5680065-12 | |
| HSKA125-C8-130 | 5680015-02 | 5680094-07 | 5680065-12 | |
| HSKA125-C8-130-V | 5680015-02 | 5680094-07 | 5680065-12 | |

Spare Parts, included in delivery

| For | Centre screw | Coolant tube | Retaining nut | |
|------------------|--|---|--|-------------|
| |  |  |  | BT JIS |
| HA06-C3-032-075 | 5512067-01 | 5692020-04 | 5512091-04 | CAT |
| HA06-C4-040-080 | 5512067-02 | 5692020-04 | 5512091-03 | |
| HA06-C5-050-090 | 5512067-03 | 5692020-04 | 5512091-01 | |
| HA10-C3-032-080 | 5512067-01 | 5692020-06 | 5512091-04 | Combimaster |
| HA10-C4-040-090 | 5512067-02 | 5692020-06 | 5512091-03 | |
| HA10-C5-050-100 | 5512067-03 | 5692020-06 | 5512091-01 | |
| HA10-C6-063-110 | 5512067-04 | 5692020-06 | 5512091-02 | Graflex |
| HA10-C8-080-120 | 5512067-04 | 5692020-06 | 5512091-02 | |
| HSKA125-C6-120 | 5512063-09 | 5692020-07 | 5512091-02 | |
| HSKA125-C6-120-V | 5512063-09 | 5692020-07 | 5512091-02 | |
| HSKA125-C8-130 | 5512063-09 | 5692020-07 | 5512091-02 | |
| HSKA125-C8-130-V | 5512063-09 | 5692020-07 | 5512091-02 | |

Accessories / Spare Parts



Accessories:
 2 = Extension key
 4 = Spanner
 6 = Key for coolant tube

Spare parts:
 1 = Center screw
 3 = Retaining nut
 5 = Coolant tube*

*A specific coolant tube is delivered together with each HSK-A to Seco Capto™ holder

Guide
 HSK-A
 HSK-E
 DIN
 BT JIS
 CAT
 Combimaster
 Graflex
 Seco Capto™
 Others
 Operating & setting accessories
 Shrinkfit

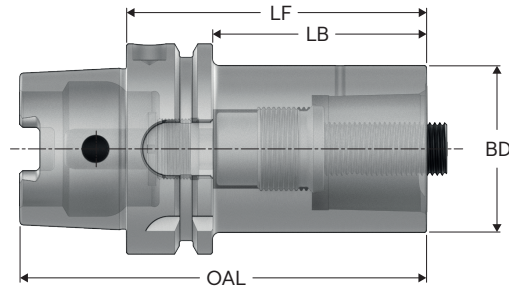
Seco Capto™ – ISO 26623-2
– Metric/ Inch

HSK-T/ ISO12164-3-HSK-T

Guide

HSK-A

HSK-E



DIN

–For ISO attribute explanation, see page 15

BT JIS

CAT

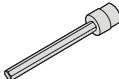
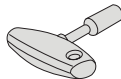
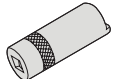
Combimaster

| Designation | Item number | CTMS | CTWS | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|-------------------|-------------|----------|------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|------------------|
| | | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | kg <i>lbs</i> |
| C4-390.411-63080 | 02786511 | HSK-T63 | C4 | 80,0 3.150 | 54,0 2.126 | 40,0 1.575 | 112,0 4.409 | 1 | – | 1,1 2.430 |
| C5-390.411-63090 | 02786520 | HSK-T63 | C5 | 90,0 3.543 | 64,0 2.520 | 50,0 1.969 | 122,0 4.803 | 1 | – | 1,5 3.310 |
| C4-390.411-100090 | 02786519 | HSK-T100 | C4 | 90,0 3.543 | 61,0 2.402 | 40,0 1.575 | 140,0 5.512 | 1 | – | 2,6 5.730 |
| C5-390.411-100100 | 02786521 | HSK-T100 | C5 | 100,0 3.937 | 71,0 2.795 | 50,0 1.969 | 150,0 5.906 | 1 | – | 3,0 6.610 |
| C6-390.411-100110 | 02786522 | HSK-T100 | C6 | 110,0 4.331 | 81,0 3.189 | 63,0 2.480 | 160,0 6.299 | 1 | – | 3,6 7.940 |
| C8-390.411-100120 | 02786523 | HSK-T100 | C8 | 120,0 4.724 | 91,0 3.583 | 80,0 3.150 | 170,0 6.693 | 1 | – | 4,8 10.580 |

Accessories

Graflex

Seco Capto™

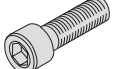


| For | Extension key | Key | Spanner |
|-------------------|---|---|---|
| |  |  |  |
| C4-390.411-100090 | 5680015-05 | 5680094-06 | 5680065-10 |
| C4-390.411-63080 | 5680015-05 | 5680094-04 | 5680065-10 |
| C5-390.411-100100 | 5680015-01 | 5680094-06 | 5680065-11 |
| C5-390.411-63090 | 5680015-01 | 5680094-04 | 5680065-11 |
| C6-390.411-100110 | 5680015-02 | 5680094-06 | 5680065-12 |
| C8-390.411-100120 | 5680015-02 | 5680094-06 | 5680065-12 |

Spare Parts, included in delivery

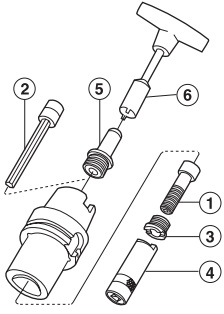
Others

Operating & setting accessories

Shrinkfit

| For | Centre screw | Coolant tube | Retaining nut |
|-------------------|---|---|---|
| |  |  |  |
| C4-390.411-100090 | 5512063-07 | 20E9306 | 5512091-03 |
| C4-390.411-63080 | 5512063-07 | 5692020-04 | 5512091-03 |
| C5-390.411-100100 | 5512063-08 | 20E9306 | 5512091-01 |
| C5-390.411-63090 | 5512063-08 | 5692020-04 | 5512091-01 |
| C6-390.411-100110 | 5512063-09 | 5692020-06 | 5512091-02 |
| C8-390.411-100120 | 5512063-09 | 5692020-06 | 5512091-02 |

Accessories / Spare Parts



Accessories:
 2 = Extension key
 4 = Spanner
 6 = Key for coolant tube

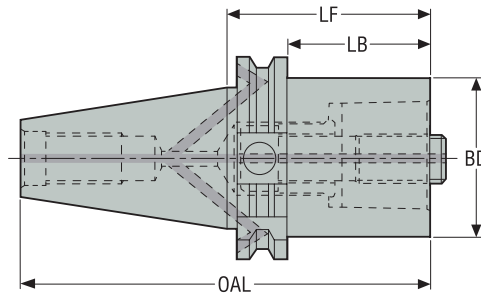
Spare parts:
 1 = Center screw
 3 = Retaining nut
 5 = Coolant tube*

*A specific coolant tube is delivered together with each HSK-A to Seco Capto™ holder

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Seco Capto™ – ISO 26623-2
– Metric/ Inch

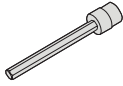
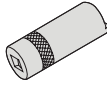
DIN 69871-ADB



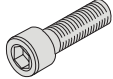


—For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|-------------------|-------------|-----------|------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|---------------|
| | | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | |
| C3-390B.140-40030 | 02924104 | DIN40 ADB | C3 | 30,0 1.181 | 10,9 0.429 | 32,0 1.260 | 98,4 3.874 | 0 | PB | 0,8 1.760 |
| C3-390B.140-40060 | 02924105 | DIN40 ADB | C3 | 60,0 2.362 | 40,9 1.610 | 32,0 1.260 | 128,4 5.055 | 0 | PB | 0,9 1.980 |
| C4-390B.140-40030 | 02924108 | DIN40 ADB | C4 | 30,0 1.181 | 10,9 0.429 | 40,0 1.575 | 98,4 3.874 | 0 | PB | 0,8 1.760 |
| C4-390B.140-40060 | 02924109 | DIN40 ADB | C4 | 60,0 2.362 | 40,9 1.610 | 40,0 1.575 | 128,4 5.055 | 0 | PB | 1,1 2.430 |
| C5-390B.140-40040 | 02924112 | DIN40 ADB | C5 | 40,0 1.575 | 20,9 0.823 | 50,0 1.969 | 108,4 4.268 | 0 | PB | 0,9 1.980 |
| C5-390B.140-40080 | 02924113 | DIN40 ADB | C5 | 80,0 3.150 | 60,9 2.398 | 50,0 1.969 | 148,4 5.843 | 0 | PB | 1,5 3.310 |
| C6-390B.140-40085 | 02924116 | DIN40 ADB | C6 | 85,0 3.346 | 65,9 2.594 | 63,0 2.480 | 153,4 6.039 | 0 | PB | 1,8 3.970 |
| C3-390B.140-50030 | 02924106 | DIN50 ADB | C3 | 30,0 1.181 | 10,9 0.429 | 32,0 1.260 | 131,7 5.185 | 0 | PB | 2,6 5.730 |
| C3-390B.140-50060 | 02924107 | DIN50 ADB | C3 | 60,0 2.362 | 40,9 1.610 | 32,0 1.260 | 161,7 6.366 | 0 | PB | 2,7 5.950 |
| C4-390B.140-50030 | 02924110 | DIN50 ADB | C4 | 30,0 1.181 | 10,9 0.429 | 40,0 1.575 | 131,7 5.185 | 0 | PB | 2,6 5.730 |
| C4-390B.140-50060 | 02924111 | DIN50 ADB | C4 | 60,0 2.362 | 40,9 1.610 | 40,0 1.575 | 161,7 6.366 | 0 | PB | 2,8 6.170 |
| C5-390B.140-50030 | 02924114 | DIN50 ADB | C5 | 30,0 1.181 | 10,9 0.429 | 50,0 1.969 | 131,7 5.185 | 0 | PB | 2,6 5.730 |
| C5-390B.140-50070 | 02924115 | DIN50 ADB | C5 | 70,0 2.756 | 50,9 2.004 | 50,0 1.969 | 171,7 6.760 | 0 | PB | 3,1 6.830 |
| C6-390B.140-50030 | 02924117 | DIN50 ADB | C6 | 30,0 1.181 | 10,9 0.429 | 63,0 2.480 | 131,7 5.185 | 0 | PB | 2,4 5.290 |
| C6-390B.140-50080 | 02924118 | DIN50 ADB | C6 | 80,0 3.150 | 60,9 2.398 | 63,0 2.480 | 181,7 7.154 | 0 | PB | 3,6 7.940 |
| C8-390B.140-50070 | 02924119 | DIN50 ADB | C8 | 70,0 2.756 | 50,9 2.004 | 80,0 3.150 | 171,7 6.760 | 0 | PB | 3,7 8.160 |
| C8-390B.140-50120 | 02924120 | DIN50 ADB | C8 | 120,0 4.724 | 100,9 3.972 | 80,0 3.150 | 221,7 8.728 | 0 | PB | 5,5 12.130 |

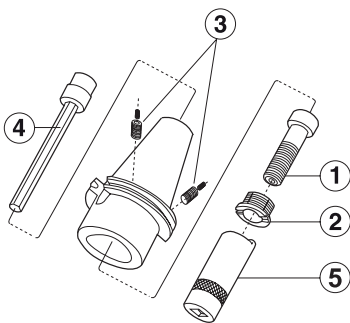
Accessories

| For | Extension key | Spanner |
|--------|---|---|
| |  |  |
| C3-400 | 5680015-05 | 5680065-13 |
| C3-500 | 5680015-05 | 5680065-13 |
| C4-400 | 5680015-05 | 5680065-10 |
| C4-500 | 5680015-05 | 5680065-10 |
| C5-400 | 5680015-01 | 5680065-11 |
| C5-500 | 5680015-01 | 5680065-11 |
| C6-400 | 5680015-01 | 5680065-12 |
| C6-500 | 5680015-02 | 5680065-12 |
| C8 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Plug | Retaining nut |
|--------|---|---|---|
| |  |  |  |
| C3-400 | 5512063-10 | 564301701 | 5512091-04 |
| C3-500 | 5512063-10 | 564301702 | 5512091-04 |
| C4-400 | 5512063-07 | 564301701 | 5512091-03 |
| C4-500 | 5512063-07 | 564301702 | 5512091-03 |
| C5-400 | 5512063-08 | 564301701 | 5512091-01 |
| C5-500 | 5512063-08 | 564301702 | 5512091-01 |
| C6-400 | 5512063-13 | 564301701 | 5512091-02 |
| C6-500 | 5512063-09 | 564301702 | 5512091-02 |
| C8 | 5512063-09 | 564301702 | 5512091-02 |

Accessories / Spare Parts

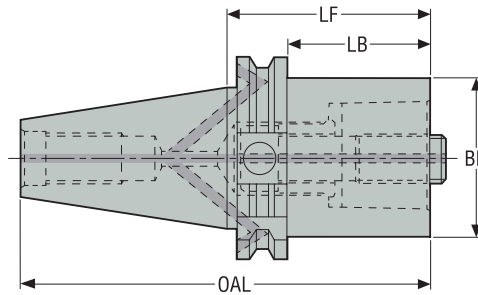


Accessories:
4 = Extension key
5 = Spanner

Spare parts:
1 = Center screw
2 = Retaining nut
3 = Plugs (dowels)

Seco Capto™ – ISO 26623-2
– Metric/ Inch

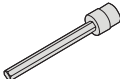
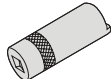
DIN Taper-Face-ADB



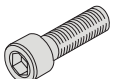


–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|----------------|-------------|--------------|------|-------------------|-------------------|-------------------|-------------------|-----------|-----------|---------------|
| | | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | |
| E316951915050 | 03030258 | DIN40 TF ADB | C5 | 50,0 1.969 | 30,9 1.217 | 50,0 1.969 | 118,4 4.661 | 1 | PB | 1,1 2.430 |
| E317151915070 | 03030264 | DIN50 TF ADB | C5 | 70,0 2.756 | 50,9 2.004 | 50,0 1.969 | 171,7 6.760 | 1 | PB | 3,1 6.830 |
| E317151916350 | 03030262 | DIN50 TF ADB | C6 | 50,0 1.969 | 30,9 1.217 | 63,0 2.480 | 151,7 5.972 | 0 | – | 2,9 6.390 |
| E3171519163100 | 03030265 | DIN50 TF ADB | C6 | 100,0 3.937 | 80,9 3.185 | 63,0 2.480 | 201,7 7.941 | 1 | PB | 4,1 9.040 |
| E317151918070 | 03030263 | DIN50 TF ADB | C8 | 70,0 2.756 | 50,9 2.004 | 80,0 3.150 | 171,7 6.760 | 0 | – | 3,9 8.600 |
| E3171519180120 | 03030266 | DIN50 TF ADB | C8 | 120,0 4.724 | 100,9 3.972 | 80,0 3.150 | 221,7 8.728 | 0 | – | 5,6 12.350 |

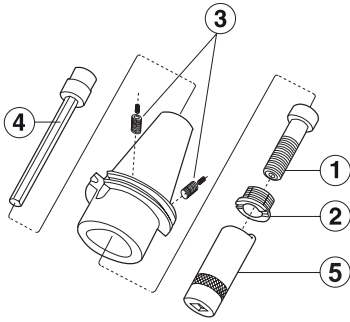
Accessories

| For | Extension key | Spanner |
|-----------------|--|--|
| DIN40 TF/ C5 |  5680015-01 |  5680065-11 |
| DIN50 TF/ C5 | 5680015-01 | 5680065-11 |
| DIN50 TF/ C6-C8 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Plug | Retaining nut |
|-----------------|--|---|--|
| DIN40 TF/ C5 |  5512063-08 |  564301701 |  5512091-01 |
| DIN50 TF/ C5 | 5512063-08 | 564301702 | 5512091-01 |
| DIN50 TF/ C6-C8 | 5512063-09 | 564301702 | 5512091-02 |

Accessories / Spare Parts



Accessories:
 4 = Extension key
 5 = Spanner

Spare parts:
 1 = Center screw
 2 = Retaining nut
 3 = Plugs (dowels)

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

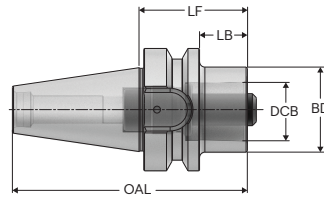
Others

Operating & setting accessories

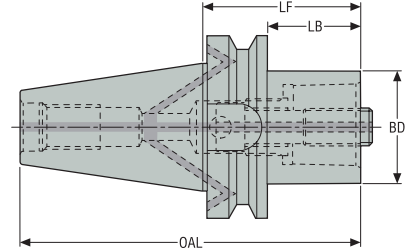
Shrinkfit



Design 1



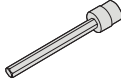
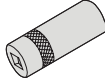
Design 2



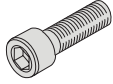


–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | BD | OAL | Design | RFID hole | Balancing | Weight |
|------------------|-------------|----------|------|----------------|---------------|---------------|----------------|--------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | | |
| C3-390.55-30030 | 75039807 | BT30 AD | C3 | 30,0 1.181 | 8,0 0.315 | 32,0 1.260 | 78,4 3.087 | 1 | 0 | PB | 0,53 1.170 |
| C3-390.55-30060 | 75039808 | BT30 AD | C3 | 60,0 2.362 | 38,0 1.496 | 32,0 1.260 | 108,4 4.268 | 1 | 0 | PB | 0,73 1.610 |
| C3-390B.55-40030 | 02925959 | BT40 ADB | C3 | 30,0 1.181 | 3,0 0.118 | 32,0 1.260 | 95,4 3.756 | 2 | 0 | PB | 1,0 2.200 |
| C3-390B.55-40060 | 02925960 | BT40 ADB | C3 | 60,0 2.362 | 33,0 1.299 | 32,0 1.260 | 125,4 4.937 | 2 | 0 | PB | 1,1 2.430 |
| C4-390B.55-40030 | 02925963 | BT40 ADB | C4 | 30,0 1.181 | 3,0 0.118 | 40,0 1.575 | 95,4 3.756 | 2 | 0 | PB | 0,9 1.980 |
| C4-390B.55-40060 | 02925964 | BT40 ADB | C4 | 60,0 2.362 | 33,0 1.299 | 40,0 1.575 | 125,4 4.937 | 2 | 0 | PB | 1,2 2.650 |
| C5-390B.55-40050 | 02925967 | BT40 ADB | C5 | 50,0 1.969 | 23,0 0.906 | 50,0 1.969 | 115,4 4.543 | 2 | 0 | PB | 1,1 2.430 |
| C5-390B.55-40090 | 02925968 | BT40 ADB | C5 | 90,0 3.543 | 63,0 2.480 | 50,0 1.969 | 155,4 6.118 | 2 | 0 | PB | 1,7 3.750 |
| C6-390B.55-40075 | 02925971 | BT40 ADB | C6 | 75,0 2.953 | 54,6 2.150 | 63,0 2.480 | 140,4 5.528 | 2 | 0 | PB | 1,7 3.750 |
| C3-390B.58-50040 | 02925961 | BT50 ADB | C3 | 40,0 1.575 | 2,0 0.079 | 32,0 1.260 | 141,8 5.583 | 2 | 0 | PB | 3,5 7.720 |
| C3-390B.58-50070 | 02925962 | BT50 ADB | C3 | 70,0 2.756 | 32,0 1.260 | 32,0 1.260 | 171,8 6.764 | 2 | 0 | PB | 3,7 8.160 |
| C4-390B.58-50040 | 02925965 | BT50 ADB | C4 | 40,0 1.575 | 2,0 0.079 | 40,0 1.575 | 141,8 5.583 | 2 | 0 | PB | 3,5 7.720 |
| C4-390B.58-50070 | 02925966 | BT50 ADB | C4 | 70,0 2.756 | 32,0 1.260 | 40,0 1.575 | 171,8 6.764 | 2 | 0 | PB | 3,8 8.380 |
| C5-390B.58-50040 | 02925969 | BT50 ADB | C5 | 40,0 1.575 | 2,0 0.079 | 50,0 1.969 | 141,8 5.583 | 2 | 0 | PB | 3,4 7.500 |
| C5-390B.58-50080 | 02925970 | BT50 ADB | C5 | 80,0 3.150 | 42,0 1.654 | 50,0 1.969 | 181,8 7.157 | 2 | 0 | PB | 3,9 8.600 |
| C6-390B.58-50050 | 02925972 | BT50 ADB | C6 | 50,0 1.969 | 12,0 0.472 | 63,0 2.480 | 151,8 5.976 | 2 | 0 | PB | 3,5 7.720 |
| C6-390B.58-50100 | 02925973 | BT50 ADB | C6 | 100,0 3.937 | 62,0 2.441 | 63,0 2.480 | 201,8 7.945 | 2 | 0 | PB | 4,6 10.140 |
| C8-390B.58-50070 | 02925974 | BT50 ADB | C8 | 70,0 2.756 | 32,0 1.260 | 80,0 3.150 | 171,8 6.764 | 2 | 0 | PB | 4,0 8.820 |
| C8-390B.58-50120 | 02925975 | BT50 ADB | C8 | 120,0 4.724 | 82,0 3.228 | 80,0 3.150 | 221,8 8.732 | 2 | 0 | PB | 5,9 13.010 |

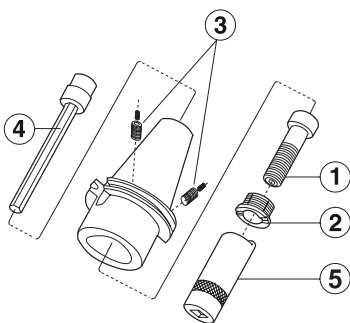
Accessories

| For | Extension key | Spanner |
|------------|---|---|
| |  |  |
| C3-390.55 | 5680015-05 | 5680065-13 |
| C3-390B.55 | 5680015-05 | 5680065-13 |
| C3-390B.58 | 5680015-05 | 5680065-13 |
| C4-390B.55 | 5680015-05 | 5680065-10 |
| C4-390B.58 | 5680015-05 | 5680065-10 |
| C5-390B.55 | 5680015-01 | 5680065-11 |
| C5-390B.58 | 5680015-01 | 5680065-11 |
| C6-390B.55 | 5680015-01 | 5680065-12 |
| C6-390B.58 | 5680015-02 | 5680065-12 |
| C8 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Plug | Retaining nut |
|------------|---|---|---|
| |  |  |  |
| C3-390.55 | 5512063-10 | - | 5512091-04 |
| C3-390B.55 | 5512063-10 | 564301701 | 5512091-04 |
| C3-390B.58 | 5512063-10 | 564301702 | 5512091-04 |
| C4-390B.55 | 5512063-07 | 564301701 | 5512091-03 |
| C4-390B.58 | 5512063-07 | 564301702 | 5512091-03 |
| C5-390B.55 | 5512063-08 | 564301701 | 5512091-01 |
| C5-390B.58 | 5512063-08 | 564301702 | 5512091-01 |
| C6-390B.55 | 5512063-13 | 564301701 | 5512091-02 |
| C6-390B.58 | 5512063-09 | 564301702 | 5512091-02 |
| C8 | 5512063-09 | 564301702 | 5512091-02 |

Accessories / Spare Parts

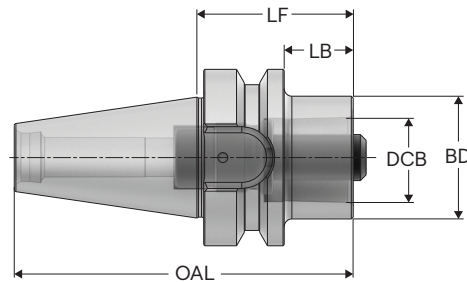
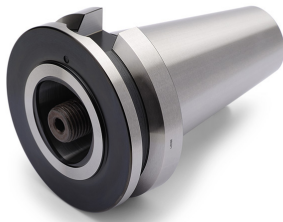


Accessories:
4 = Extension key
5 = Spanner

Spare parts:
1 = Center screw
2 = Retaining nut
3 = Plugs (dowels)

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Seco Capto™ – ISO 26623-2
– Metric/ Inch



–Mazak design means 90° rotated Seco Capto™ polygon compared to classic BT basic holders
–For Mazak e-machines
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | BD | OAL | RFID hole | Balancing | Weight |
|------------------|-------------|---------------|------|---------------|---------------|---------------|----------------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | |
| C5-390.605-40030 | 02606358 | BT40 AD Mazak | C5 | 30,0 1.181 | 3,0 0.118 | 50,0 1.969 | 95,4 3.756 | 0 | – | 1,1 2.430 |
| C6-390.605-50040 | 02606354 | BT50 AD Mazak | C6 | 40,0 1.575 | 2,0 0.079 | 63,0 2.480 | 141,8 5.583 | 0 | – | 3,3 7.280 |
| C8-390.605-50070 | 02646032 | BT50 AD Mazak | C8 | 70,0 2.756 | 70,0 2.756 | 80,0 3.150 | 171,8 6.764 | 0 | – | 4,0 8.820 |

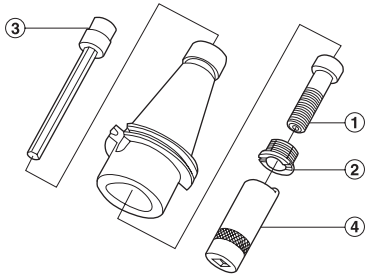
Accessories

| For | Extension key | Spanner |
|-----|---------------|------------|
| C5 | 5680015-01 | 5680065-11 |
| C6 | 5680015-02 | 5680065-12 |
| C8 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Retaining nut |
|-----|--------------|---------------|
| C5 | 5512063-08 | 5512091-01 |
| C6 | 5512063-09 | 5512091-02 |
| C8 | 5512063-09 | 5512091-02 |

Accessories / Spare Parts



Accessories:
 3 = Extension key
 4 = Spanner

Spare parts:
 1 = Center screw
 2 = Retaining nut

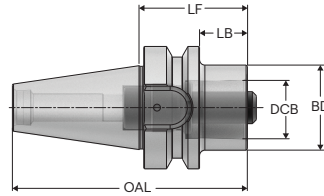
| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Seco Capto™ – ISO 26623-2
– Metric/ Inch

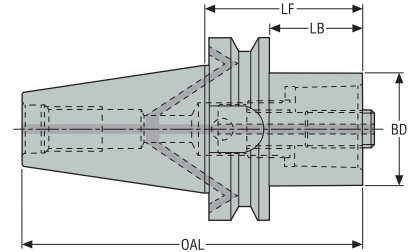
BT Taper-Face-AD/ADB



Design 1



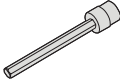
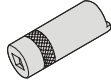
Design 2



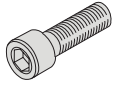


–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | BD | OAL | Design | RFID hole | Balancing | Weight |
|----------------|-------------|-------------|------|----------------|---------------|---------------|----------------|--------|-----------|-----------|----------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| E400251913240 | 03030234 | BT30 TF AD | C3 | 40,0 1.575 | 22,0 0.866 | 32,0 1.260 | 88,4 3.480 | 1 | 1 | PB | 0,454 1.000 |
| E400251914060 | 03030235 | BT30 TF AD | C4 | 60,0 2.362 | 22,0 0.866 | 40,0 1.575 | 108,4 4.268 | 1 | 1 | PB | 0,7 1.540 |
| E311451914040 | 03030236 | BT40 TF ADB | C4 | 40,0 1.575 | 13,0 0.512 | 40,0 1.575 | 105,4 4.150 | 2 | 0 | PB | 1,1 2.430 |
| E311451915050 | 03030237 | BT40 TF ADB | C5 | 50,0 1.969 | 23,0 0.906 | 50,0 1.969 | 115,4 4.543 | 2 | 0 | PB | 1,2 2.650 |
| E311451916375 | 03030238 | BT40 TF ADB | C6 | 75,0 2.953 | 48,0 1.890 | 63,0 2.480 | 140,4 5.528 | 2 | 0 | PB | 1,7 3.750 |
| E311651914040 | 03030239 | BT50 TF ADB | C4 | 40,0 1.575 | 2,0 0.079 | 50,0 1.969 | 141,8 5.583 | 2 | 1 | PB | 3,5 7.720 |
| E311651915040 | 03030240 | BT50 TF ADB | C5 | 40,0 1.575 | 2,0 0.079 | 50,0 1.969 | 141,8 5.583 | 2 | 0 | PB | 3,4 7.500 |
| E311651916350 | 03030241 | BT50 TF ADB | C6 | 50,0 1.969 | 12,0 0.472 | 63,0 2.480 | 151,8 5.976 | 2 | 0 | PB | 3,5 7.720 |
| E3116519163100 | 03030242 | BT50 TF ADB | C6 | 100,0 3.937 | 62,0 2.441 | 63,0 2.480 | 201,8 7.945 | 2 | 0 | PB | 4,8 10.580 |
| E311651918070 | 03030243 | BT50 TF ADB | C8 | 70,0 2.756 | 32,0 1.260 | 80,0 3.150 | 171,8 6.764 | 2 | 0 | PB | 4,0 8.820 |
| E3116519180120 | 03030244 | BT50 TF ADB | C8 | 120,0 4.724 | 82,0 3.228 | 80,0 3.150 | 121,8 4.795 | 2 | 1 | PB | 5,9 13.010 |

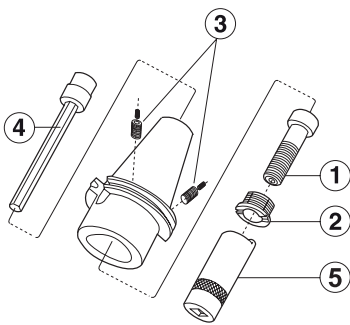
Accessories

| For | Extension key | Spanner |
|----------------|---|---|
| |  |  |
| BT30 TF/ C3 | 5680015-05 | 5680065-13 |
| BT30 TF/ C4 | 5680015-05 | 5680065-10 |
| BT40 TF/ C4 | 5680015-05 | 5680065-10 |
| BT40 TF/ C5 | 5680015-01 | 5680065-11 |
| BT40 TF/ C6 | 5680015-01 | 5680065-12 |
| BT50 TF/ C4 | 5680015-05 | 5680065-10 |
| BT50 TF/ C5 | 5680015-01 | 5680065-11 |
| BT50 TF/ C6-C8 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Plug | Retaining nut |
|----------------|---|---|---|
| |  |  |  |
| BT30 TF/ C3 | 5512063-10 | - | 5512091-04 |
| BT30 TF/ C4 | 5512063-07 | - | 5512091-03 |
| BT40 TF/ C4 | 5512063-07 | 564301701 | 5512091-03 |
| BT40 TF/ C5 | 5512063-08 | 564301701 | 5512091-01 |
| BT40 TF/ C6 | 5512063-13 | 564301701 | 5512091-02 |
| BT50 TF/ C4 | 5512063-07 | 564301702 | 5512091-03 |
| BT50 TF/ C5 | 5512063-08 | 564301702 | 5512091-01 |
| BT50 TF/ C6-C8 | 5512063-09 | 564301702 | 5512091-02 |

Accessories / Spare Parts



Accessories:
4 = Extension key
5 = Spanner

Spare parts:
1 = Center screw
2 = Retaining nut
3 = Plugs (dowels)

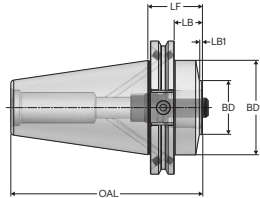
| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

Seco Capto™ – ISO 26623-2
– Inch

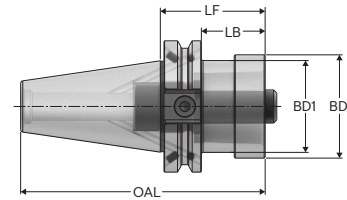
CAT TF / ASME B5.50-1994-ADB



Design 1



Design 2



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | LB1 | BD | BD1 | OAL | Design | RFID hole | Balancing | Weight |
|----------------|-------------|--------------|------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | inch | | | | lbs |
| E234251915050 | 03030247 | CAT40 TF ADB | C5 | 1.969 | 1.220 | 1.220 | 1.969 | 1.750 | 4.660 | 2 | 1 | PB | 2.250 |
| E234451914040 | 03030249 | CAT50 TF ADB | C4 | 1.575 | 0.090 | 0.090 | 1.575 | 2.750 | 5.580 | 1 | 1 | PB | 6.830 |
| E234451915040 | 03030250 | CAT50 TF ADB | C5 | 1.575 | 0.090 | 0.090 | 1.969 | 2.750 | 5.580 | 1 | 0 | – | 6.610 |
| E234451916340 | 03030251 | CAT50 TF ADB | C6 | 1.575 | 0.120 | 0.120 | 2.480 | 2.750 | 5.580 | 1 | 0 | – | 6.170 |
| E234451916390 | 03030252 | CAT50 TF ADB | C6 | 3.543 | 2.085 | 2.085 | 2.480 | 2.750 | 7.543 | 1 | 0 | – | 8.600 |
| E2344519180100 | 03030253 | CAT50 TF ADB | C8 | 3.937 | 3.185 | 3.185 | 3.150 | 2.750 | 7.937 | 2 | 1 | PB | 10.140 |

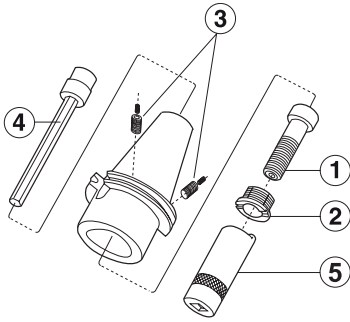
Accessories

| For | Extension key | Spanner |
|-----------|---------------|------------|
| CAT40/ C5 | 5680015-01 | 5680065-11 |
| CAT50/ C4 | 5680015-05 | 5680065-10 |
| CAT50/ C5 | 5680015-01 | 5680065-11 |
| CAT50/ C6 | 5680015-02 | 5680065-12 |
| CAT50/ C8 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Plug | Retaining nut |
|-----------|--------------|-----------|---------------|
| CAT40/ C5 | 5512063-08 | 564301701 | 5512091-01 |
| CAT50/ C4 | 5512063-07 | 564301702 | 5512091-03 |
| CAT50/ C5 | 5512063-08 | 564301702 | 5512091-01 |
| CAT50/ C6 | 5512063-09 | 564301702 | 5512091-02 |
| CAT50/ C8 | 5512063-09 | 564301702 | 5512091-02 |

Accessories / Spare Parts



Accessories:
 4 = Extension key
 5 = Spanner

Spare parts:
 1 = Center screw
 2 = Retaining nut
 3 = Plugs (dowels)

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

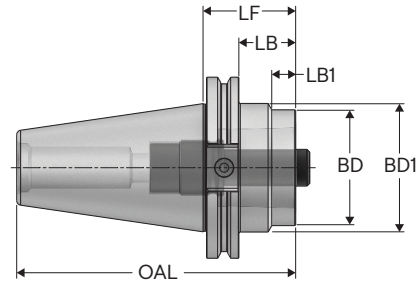
Others

Operating & setting accessories

Shrinkfit

Seco Capto™ – ISO 26623-2
– Inch

CAT TF Mazak™ e-machine and Mori Seiki NT™ -Series



–90° rotated polygon for precision tool tip control
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LF | LB | LB1 | BD | BD1 | OAL | Design | RFID hole | Balancing | Weight |
|---------------|-------------|-------------------|------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | | | inch | inch | inch | inch | inch | inch | | | | lbs |
| E947451916350 | 03030255 | CAT50 TF AD Mazak | C6 | 1.969 | 0.510 | 0.510 | 2.480 | 2.750 | 5.960 | 1 | 0 | PB | 6.830 |

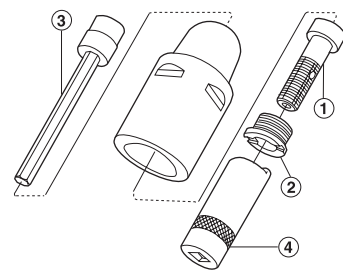
Accessories

| For | Extension key | Spanner |
|---------------|---------------|------------|
| E947451916350 | 5680015-02 | 5680065-12 |

Spare Parts, included in delivery

| For | Centre screw | Retaining nut |
|---------------|--------------|---------------|
| E947451916350 | 5512063-09 | 5512091-02 |

Accessories / Spare Parts

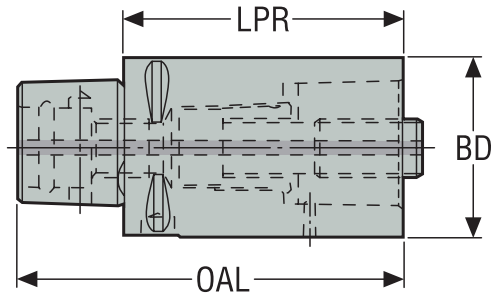


Accessories:
3 = Extension key
4 = Retaining nut spanner

Spare parts:
1 = Center screw
2 = Retaining nut

Seco Capto™ – ISO 26623-2
– Metric/ Inch

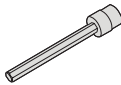
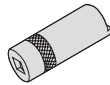
Seco Capto™ – ISO 26623-1



–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | BD | OAL | RFID hole | Balancing | Weight |
|------------------|-------------|------|------|----------------|---------------|----------------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | | | |
| C3-391.01-32060A | 75039884 | C3 | C3 | 60,0 2.362 | 32,0 1.260 | 79,0 3.110 | 0 | – | 0,4 0.880 |
| C3-391.01-32080A | 00090847 | C3 | C3 | 80,0 3.150 | 32,0 1.260 | 99,0 3.898 | 0 | – | 0,5 1.100 |
| C4-391.01-40060A | 75039885 | C4 | C4 | 60,0 2.362 | 40,0 1.575 | 84,0 3.307 | 0 | – | 0,6 1.320 |
| C4-391.01-40080A | 02207391 | C4 | C4 | 80,0 3.150 | 40,0 1.575 | 104,0 4.094 | 0 | – | 0,8 1.760 |
| C5-391.01-50080A | 75039886 | C5 | C5 | 80,0 3.150 | 50,0 1.969 | 110,0 4.331 | 0 | – | 1,1 2.430 |
| C5-391.01-50100A | 00004773 | C5 | C5 | 100,0 3.937 | 50,0 1.969 | 130,0 5.118 | 0 | – | 1,4 3.090 |
| C6-391.01-63100A | 75039887 | C6 | C6 | 100,0 3.937 | 63,0 2.480 | 138,0 5.433 | 0 | – | 2,2 4.850 |
| C6-391.01-63140A | 00004840 | C6 | C6 | 140,0 5.512 | 63,0 2.480 | 178,0 7.008 | 0 | – | 3,1 6.830 |
| C8-391.01-80100A | 75039888 | C8 | C8 | 100,0 3.937 | 80,0 3.150 | 148,0 5.827 | 0 | – | 3,7 8.160 |
| C8-391.01-80125A | 00004841 | C8 | C8 | 125,0 4.921 | 80,0 3.150 | 173,0 6.811 | 0 | – | 4,6 10.140 |

Accessories

| For | Extension key | Spanner |
|-----|---|---|
| C3 |  5680015-05 |  5680065-13 |
| C4 | 5680015-05 | 5680065-10 |
| C5 | 5680015-01 | 5680065-11 |
| C6 | 5680015-02 | 5680065-12 |
| C8 | 5680015-02 | 5680065-12 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

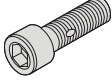

Seco Capto™

Others

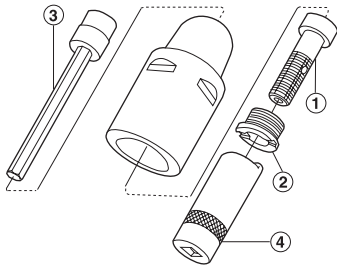
Operating & setting accessories

Shrinkfit

Spare Parts, included in delivery

| Guide | For | Centre screw | Retaining nut |
|-------|-----|---|---|
| | |  |  |
| HSK-A | C3 | 5512067-01 | 5512091-04 |
| | C4 | 5512067-02 | 5512091-03 |
| | C5 | 5512067-03 | 5512091-01 |
| | C6 | 5512067-04 | 5512091-02 |
| | C8 | 5512067-04 | 5512091-02 |

Accessories / Spare Parts

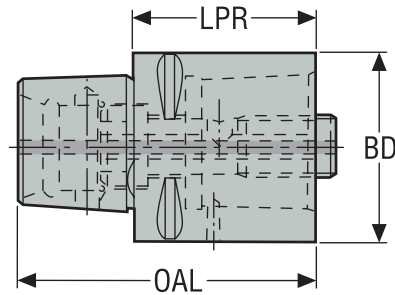


Accessories:
 3 = Extension key
 4 = Retaining nut spanner

Spare parts:
 1 = Center screw
 2 = Retaining nut

Seco Capto™ – ISO 26623-2
– Metric/ Inch

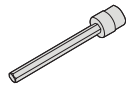
Short version for segment clamping only – ISO 26623-1



–The Seco Capto™ machine side of short extensions can only be hold by spindles with segment clamping (not with centre bolt clamping)
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | BD | OAL | RFID hole | Balancing | Weight |
|-----------------|-------------|------|------|---------------|---------------|----------------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | | | |
| C3-391.01-32035 | 02535685 | C3 | C3 | 35,0 1.378 | 32,0 1.260 | 54,0 2.126 | 0 | – | 0,3 0.660 |
| C4-391.01-40040 | 02535686 | C4 | C4 | 40,0 1.575 | 40,0 1.575 | 64,0 2.520 | 0 | – | 0,4 0.880 |
| C5-391.01-50050 | 02484934 | C5 | C5 | 50,0 1.969 | 50,0 1.969 | 80,0 3.150 | 0 | – | 0,7 1.540 |
| C6-391.01-63060 | 02300834 | C6 | C6 | 60,0 2.362 | 63,0 2.480 | 98,0 3.858 | 0 | – | 1,3 2.870 |
| C8-391.01-80065 | 02417041 | C8 | C8 | 65,0 2.559 | 80,0 3.150 | 113,0 4.449 | 0 | – | 2,4 5.290 |

Accessories

| For | Extension key |
|-----------------|---|
| |  |
| C3-391.01-32035 | 5680015-05 |
| C4-391.01-40040 | 5680015-05 |
| C5-391.01-50050 | 5680015-05 |
| C6-391.01-63060 | 5680015-02 |
| C8-391.01-80065 | 5680015-02 |

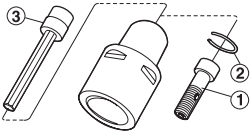
Spare Parts, included in delivery

| For | Centre screw | Circlip |
|-----------------|---|---|
| |  |  |
| C3-391.01-32035 | 5512068-01 | 5545040-02 |
| C4-391.01-40040 | 5512068-02 | 5545040-03 |
| C5-391.01-50050 | 5512068-03 | 5545040-07 |
| C6-391.01-63060 | 5512068-04 | 5545040-08 |
| C8-391.01-80065 | 5512068-05 | 5545040-08 |

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CAT
Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Accessories / Spare Parts

Guide



Accessories:
3 = Extension key

HSK-A

Spare parts:
1 = Center screw
2 = Circlip

HSK-E

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BT JIS

CAT

Combimaster

Graflex

Seco Capto™

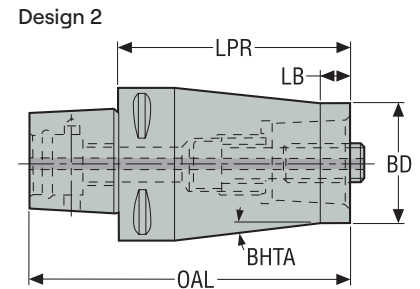
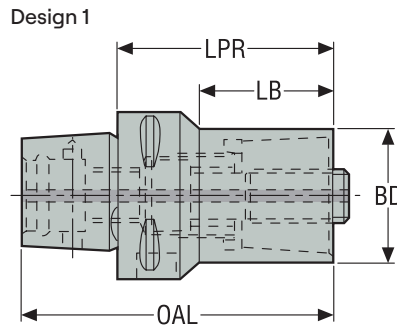
Others

Operating & setting accessories

Shrinkfit

Seco Capto™ – ISO 26623-2
– Metric/ Inch

Seco Capto™ – ISO 26623-1

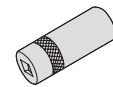
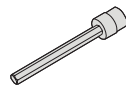


–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | BD | OAL | Design | BHTA° | RFID hole | Balancing | Weight |
|------------------|-------------|------|------|----------------|---------------|---------------|----------------|--------|-------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | | | |
| C4-391.02-32055A | 75039889 | C4 | C3 | 55,0 2.165 | 31,0 1.220 | 32,0 1.260 | 79,0 3.110 | 1 | – | 0 | – | 0,42 0.930 |
| C4-391.02-32070A | 02535687 | C4 | C3 | 70,0 2.756 | – | 32,0 1.260 | 94,0 3.701 | 2 | 6,0 | 0 | – | 0,56 1.230 |
| C5-391.02-32060A | 75039890 | C5 | C3 | 60,0 2.362 | 34,8 1.370 | 32,0 1.260 | 90,0 3.543 | 1 | – | 0 | – | 0,7 1.540 |
| C5-391.02-40065A | 75039891 | C5 | C4 | 65,0 2.559 | 40,0 1.575 | 40,0 1.575 | 95,0 3.740 | 1 | – | 0 | – | 0,8 1.760 |
| C6-391.02-32070A | 75039892 | C6 | C3 | 70,0 2.756 | 39,0 1.535 | 32,0 1.260 | 108,0 4.252 | 1 | – | 0 | – | 1,1 2.430 |
| C6-391.02-40080A | 75039893 | C6 | C4 | 80,0 3.150 | 51,4 2.024 | 40,0 1.575 | 118,0 4.646 | 1 | – | 0 | – | 1,2 2.650 |
| C6-391.02-50080A | 75039894 | C6 | C5 | 80,0 3.150 | 51,5 2.028 | 50,0 1.969 | 118,0 4.646 | 1 | – | 0 | – | 1,4 3.090 |
| C6-391.02-50110A | 02207400 | C6 | C5 | 110,0 4.331 | 12,0 0.472 | 50,0 1.969 | 148,0 5.827 | 2 | 4,5 | 0 | – | 2,2 4.850 |
| C8-391.02-32060B | 03080008 | C8 | C3 | 60,0 2.362 | 20,7 0.815 | 32,0 1.260 | 108,0 4.252 | 1 | – | 0 | – | 2,0 4.410 |
| C8-391.02-40070B | 03080009 | C8 | C4 | 70,0 2.756 | 31,4 1.236 | 40,0 1.575 | 118,0 4.646 | 1 | – | 0 | – | 2,1 4.630 |
| C8-391.02-50080B | 03080011 | C8 | C5 | 80,0 3.150 | 42,8 1.685 | 50,0 1.969 | 128,0 5.039 | 1 | – | 0 | – | 2,4 5.290 |
| C8-391.02-63080B | 02527212 | C8 | C6 | 80,0 3.150 | 44,5 1.752 | 63,0 2.480 | 128,0 5.039 | 1 | – | 0 | – | 2,6 5.730 |
| C8-391.02-63120A | 02207176 | C8 | C6 | 120,0 4.724 | 12,0 0.472 | 63,0 2.480 | 168,0 6.614 | 2 | 6,0 | 0 | – | 4,1 9.040 |

Accessories

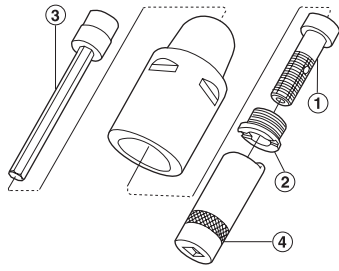
| For | Extension key | Spanner |
|---------|---------------|------------|
| C...-32 | 5680015-05 | 5680065-13 |
| C...-40 | 5680015-05 | 5680065-10 |
| C...-50 | 5680015-01 | 5680065-11 |
| C...-63 | 5680015-02 | 5680065-12 |



Spare Parts, included in delivery

| Guide | For | Centre screw | Retaining nut |
|-------|---------|--------------|---------------|
| HSK-A | C...-32 | 5512067-01 | 5512091-04 |
| | C...-40 | 5512067-02 | 5512091-03 |
| | C...-50 | 5512067-03 | 5512091-01 |
| | C...-63 | 5512067-04 | 5512091-02 |

Accessories / Spare Parts



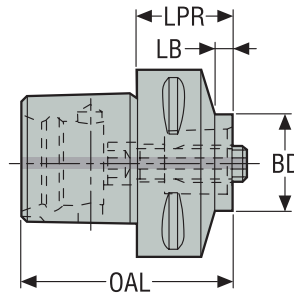
Accessories:
 3 = Extension key
 4 = Retaining nut spanner

Spare parts:
 1 = Center screw
 2 = Retaining nut

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

Seco Capto™ – ISO 26623-2
– Metric/ Inch


Short version for segment clamping only – ISO 26623-1



–The Seco Capto™ machine side of short reducers can only be hold by spindles with segment clamping (not with centre bolt clamping)
–* With 180° offset Machine side vs Workpiece side
–For ISO attribute explanation, see page 15

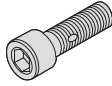

| Designation | Item number | CTMS | CTWS | LPR | LB | BD | OAL | * | RFID hole | Balancing | Weight |
|-------------------|-------------|------|------|---------------|---------------|---------------|----------------|---|-----------|-----------|---------------|
| | | | | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| C5-391.02-32033A | 03080025 | C5 | C3 | 33,0 1.299 | 5,0 0.197 | 32,0 1.260 | 63,0 2.480 | | 0 | PB | 0,6 1.320 |
| C5-391.02-40040A | 03079983 | C5 | C4 | 40,0 1.575 | 15,0 0.591 | 40,0 1.575 | 70,0 2.756 | | 0 | – | 0,6 1.320 |
| C6-391.02-32032 | 02535690 | C6 | C3 | 32,0 1.260 | 6,0 0.236 | 32,0 1.260 | 70,0 2.756 | | 0 | – | 0,85 1.870 |
| C6-391.02-40040 | 02459467 | C6 | C4 | 40,0 1.575 | 11,0 0.433 | 40,0 1.575 | 78,0 3.071 | | 0 | – | 0,9 1.980 |
| C6-391.02-50050A | 03080019 | C6 | C5 | 50,0 1.969 | 20,0 0.787 | 50,0 1.969 | 88,0 3.465 | | 0 | – | 1,1 2.430 |
| C8-391.02-50045A | 03080010 | C8 | C5 | 45,0 1.772 | 5,0 0.197 | 50,0 1.969 | 93,0 3.661 | | 0 | – | 1,9 4.190 |
| C8-391.02-63055A | 03080012 | C8 | C6 | 55,0 2.165 | 15,0 0.591 | 63,0 2.480 | 103,0 4.055 | | 0 | – | 2,1 4.630 |
| C8-391.02R-63055A | 03080030 | C8 | C6 | 55,0 2.165 | 15,0 0.591 | 63,0 2.480 | 103,0 4.055 | * | 0 | – | 1,9 4.190 |

Accessories

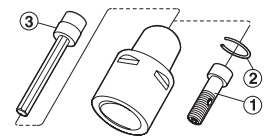
| For | Extension key |
|-------------------|---|
| |  |
| C5-391.02-32033A | 5680015-05 |
| C5-391.02-40040A | 5680015-05 |
| C6-391.02-32032 | 5680015-05 |
| C6-391.02-40040 | 5680015-05 |
| C6-391.02-50050A | 5680015-01 |
| C8-391.02-50045A | 5680015-01 |
| C8-391.02-63055A | 5680015-02 |
| C8-391.02R-63055A | 5680015-02 |

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Combimaster
Graffex
Seco Capto™
Others
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Shrinkfit

Spare Parts, included in delivery

| Guide | For | Centre screw | Circlip |
|-------|-------------------|---|---|
| | |  |  |
| HSK-A | C5-391.02-32033A | 5512068-01 | 5545040-02 |
| | C5-391.02-40040A | 5512068-06 | 5545040-07 |
| | C6-391.02-32032 | 5512068-01 | 5545040-02 |
| | C6-391.02-40040 | 5512068-02 | 5545040-03 |
| HSK-E | C6-391.02-50050A | 5512068-07 | 5545040-08 |
| | C8-391.02-50045A | 5512068-08 | 5545040-08 |
| | C8-391.02-63055A | 5512068-05 | 5545040-08 |
| | C8-391.02R-63055A | 5512068-05 | 5545040-08 |

Accessories / Spare Parts



Accessories:
3 = Extension key

Spare parts:
1 = Center screw
2 = Circlip

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

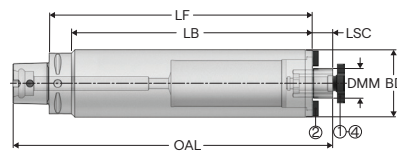
Shrinkfit

Steadyline®, vibration damping
– Metric/ Inch

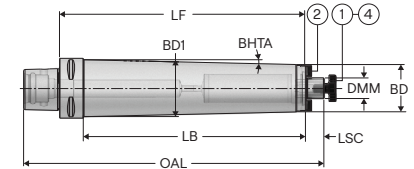
Seco Capto™



Design 1



Design 2




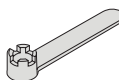
–DMM 40 mm / 1.575", includes 4 threaded holes on the bearing face according to DIN 6357
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw


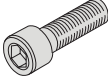
| Designation | Item number | CTMS | DMM | LF | BD | BD1 | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|------|---------------|-----------------|---------------|---------------|-----------------|-----------------|---------------|--------|-------|-----------|-----------|----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| C6-391.5555-16160 | 02706268 | C6 | 16,0 0.630 | 160,0 6.299 | 38,0 1.496 | 38,0 1.496 | 215,0 8.465 | 135,0 5.315 | 17,0 0.669 | 1 | – | 1 | PB | 2,12 4.670 |
| C6-391.5555-22210 | 02675777 | C6 | 22,0 0.866 | 210,0 8.268 | 48,0 1.890 | 48,0 1.890 | 267,0 10.512 | 185,0 7.283 | 19,0 0.748 | 1 | – | 1 | PB | 3,64 8.020 |
| C6-391.5556-22260 | 02675778 | C6 | 22,0 0.866 | 260,0 10.236 | 48,0 1.890 | 60,0 2.362 | 317,0 12.480 | 235,0 9.252 | 19,0 0.748 | 2 | 1,3 | 1 | PB | 4,0 8.820 |
| C6-391.5555-27260 | 02675779 | C6 | 27,0 1.063 | 260,0 10.236 | 60,0 2.362 | 60,0 2.362 | 319,0 12.559 | 235,0 9.252 | 21,0 0.827 | 1 | – | 1 | PB | 6,78 14.950 |
| C8-391.5555-22210 | 02675780 | C8 | 22,0 0.866 | 210,0 8.268 | 48,0 1.890 | 48,0 1.890 | 277,0 10.906 | 177,0 6.969 | 19,0 0.748 | 1 | – | 1 | PB | 4,54 10.010 |
| C8-391.5556-22260 | 02675781 | C8 | 22,0 0.866 | 260,0 10.236 | 48,0 1.890 | 64,0 2.520 | 327,0 12.874 | 227,0 8.937 | 19,0 0.748 | 2 | 1,8 | 1 | PB | 6,42 14.150 |
| C8-391.5555-27260 | 02675782 | C8 | 27,0 1.063 | 260,0 10.236 | 60,0 2.362 | 60,0 2.362 | 329,0 12.953 | 227,0 8.937 | 21,0 0.827 | 1 | – | 1 | PB | 7,62 16.800 |
| C8-391.5556-27320 | 02675783 | C8 | 27,0 1.063 | 320,0 12.598 | 60,0 2.362 | 78,0 3.071 | 389,0 15.315 | 287,0 11.299 | 21,0 0.827 | 2 | 1,6 | 1 | PB | 10,6 23.370 |
| C8-391.5555-32330 | 02706271 | C8 | 32,0 1.260 | 330,0 12.992 | 78,0 3.071 | 78,0 3.071 | 402,0 15.827 | 297,0 11.693 | 24,0 0.945 | 1 | – | 1 | PB | 14,5 31.970 |
| C8-391.5555-40350 | 02753473 | C8 | 40,0 1.575 | 350,0 13.780 | 89,0 3.504 | 89,0 3.504 | 425,0 16.732 | 317,0 12.480 | 27,0 1.063 | 1 | – | 1 | PB | 19,0 41.890 |

Accessories

| For | Bolt, through coolant | Spanner |
|-----------|--|---|
| 16/ 0.630 |  5801608L |  5811608 |
| 22/ 0.866 | 5802210L | 5812210 |
| 27/ 1.063 | 5802712L | 5812712 |
| 32/ 1.260 | 5803216L | 5813216 |
| 40/ 1.575 | 5804020L | 5814020 |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Spare Parts, included in delivery

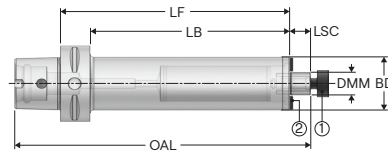
| Guide | For | Bolt | Screw | Tenon |
|---------------------------------|-----------|---|---|---|
| | |  |  |  |
| HSK-A | 16/ 0.630 | 5801608 | 950D0312 | 16C2080810A |
| | 22/ 0.866 | 5802210 | 950D0416 | 16C2101111 |
| | 27/ 1.063 | 5802712 | 950D0516 | 16C2121214A |
| | 32/ 1.260 | 5803216 | 950D0516 | 16C2141421A |
| HSK-E | 40/ 1.575 | 5804020 | 950D0616 | 16C2161621A |
| DIN | | | | |
| BT JIS | | | | |
| CAT | | | | |
| Combimaster | | | | |
| Graflex | | | | |
| Seco Capto™ | | | | |
| Others | | | | |
| Operating & setting accessories | | | | |
| Shrinkfit | | | | |

Steadyline®, vibration damping
– Inch

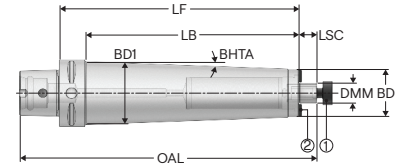
Seco Capto™



Design 1



Design 2


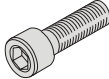



–DMM 40 mm / 1.575", includes 4 threaded holes on the bearing face according to DIN 6357
–For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | LF | BD | BD1 | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|--------------------|-------------|------|-------|--------|-------|-------|--------|--------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| C6-391.5555-075750 | 02753487 | C6 | 0.750 | 7.500 | 1.750 | 1.750 | 9.685 | 6.516 | 0.689 | 1 | – | 1 | PB | 6.770 |
| C6-391.5556-075900 | 02753488 | C6 | 0.750 | 9.000 | 1.750 | 2.347 | 11.185 | 8.016 | 0.689 | 2 | 2,0 | 1 | PB | 10.140 |
| C6-391.5555-100900 | 02753490 | C6 | 1.000 | 9.000 | 2.250 | 2.250 | 11.185 | 8.016 | 0.689 | 1 | – | 1 | PB | 12.790 |
| C8-391.5556-100C00 | 02753494 | C8 | 1.000 | 12.000 | 2.250 | 3.051 | 14.579 | 10.701 | 0.689 | 2 | 2,0 | 1 | PB | 22.930 |
| C8-391.5555-150D75 | 02753485 | C8 | 1.500 | 13.752 | 3.500 | 3.500 | 16.583 | 12.453 | 0.941 | 1 | – | 1 | PB | 41.230 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|------------|--|--|--|
| 0.750 |  58211905 |  950D0308 |  16C11905 |
| 1.000 (C6) | 58212540 | 950D0416 | 16C2091014A |
| 1.000 (C8) | 58212540 | 950D0416 | 16C12540 |
| 1.500 | 58213810 | 950D0616 | 16C2151421A |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

Seco Capto™

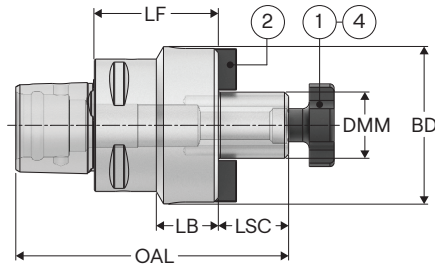
Others

Operating & setting accessories

Shrinkfit

With through coolant channels – ISO 3937
– Metric/ Inch

Seco Capto™


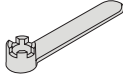


–Type 5524: small face shell mill holders
–For ISO attribute explanation, see page 15


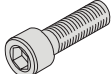

Accessories:
4 = Bolt, through coolant
Spare parts:
1 = Bolt
2 = Tenon/Screw

| Designation | Item number | CTMS | DMM | | LF | | BD | | OAL | | RFID hole | Balancing | Weight |
|-------------------|-------------|------|------|-------|------|-------|------|-------|-------|-------|-----------|-----------|---------------|
| | | | mm | inch | mm | inch | mm | inch | mm | inch | | | |
| C3-391.5525-16030 | 02532782 | C3 | 16,0 | 0.630 | 30,0 | 1.181 | 38,0 | 1.496 | 66,0 | 2.598 | 0 | G6.3 | 0,27 0.600 |
| C4-391.5525-16035 | 02532783 | C4 | 16,0 | 0.630 | 35,0 | 1.378 | 38,0 | 1.496 | 76,0 | 2.992 | 0 | G6.3 | 0,5 1.100 |
| C4-391.5525-22040 | 02532784 | C4 | 22,0 | 0.866 | 40,0 | 1.575 | 48,0 | 1.890 | 83,0 | 3.268 | 0 | G6.3 | 0,6 1.320 |
| C5-391.5525-16035 | 02532786 | C5 | 16,0 | 0.630 | 35,0 | 1.378 | 38,0 | 1.496 | 82,0 | 3.228 | 1 | G6.3 | 0,6 1.320 |
| C5-391.5525-22040 | 02532787 | C5 | 22,0 | 0.866 | 40,0 | 1.575 | 48,0 | 1.890 | 89,0 | 3.504 | 1 | G6.3 | 0,8 1.760 |
| C5-391.5525-27040 | 02532788 | C5 | 27,0 | 1.063 | 40,0 | 1.575 | 60,0 | 2.362 | 91,0 | 3.583 | 1 | G6.3 | 0,95 2.090 |
| C5-391.5524-27040 | 02532785 | C5 | 27,0 | 1.063 | 40,0 | 1.575 | 48,0 | 1.890 | 91,0 | 3.583 | 1 | G6.3 | 0,9 1.980 |
| C6-391.5525-16035 | 02532790 | C6 | 16,0 | 0.630 | 35,0 | 1.378 | 38,0 | 1.496 | 90,0 | 3.543 | 1 | G6.3 | 1,0 2.200 |
| C6-391.5525-22040 | 02532791 | C6 | 22,0 | 0.866 | 40,0 | 1.575 | 48,0 | 1.890 | 97,0 | 3.819 | 1 | G6.3 | 1,1 2.430 |
| C6-391.5525-27040 | 02532792 | C6 | 27,0 | 1.063 | 40,0 | 1.575 | 60,0 | 2.362 | 99,0 | 3.898 | 1 | G6.3 | 1,3 2.870 |
| C6-391.5525-32040 | 02532793 | C6 | 32,0 | 1.260 | 40,0 | 1.575 | 78,0 | 3.071 | 102,0 | 4.016 | 1 | G6.3 | 1,6 3.530 |
| C6-391.5524-27040 | 02532789 | C6 | 27,0 | 1.063 | 40,0 | 1.575 | 48,0 | 1.890 | 99,0 | 3.898 | 1 | G6.3 | 1,12 2.470 |
| C8-391.5525-27050 | 02532795 | C8 | 27,0 | 1.063 | 50,0 | 1.969 | 60,0 | 2.362 | 119,0 | 4.685 | 1 | G6.3 | 2,3 5.070 |
| C8-391.5525-32050 | 02532796 | C8 | 32,0 | 1.260 | 50,0 | 1.969 | 78,0 | 3.071 | 122,0 | 4.803 | 1 | G6.3 | 2,7 5.950 |
| C8-391.5525-40055 | 02532797 | C8 | 40,0 | 1.575 | 55,0 | 2.165 | 89,0 | 3.504 | 130,0 | 5.118 | 1 | G6.3 | 3,2 7.050 |

Accessories

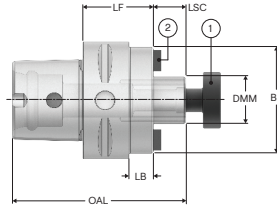
| For | Bolt, through coolant | Spanner |
|-----------------|---|---|
| |  |  |
| 16/ 0.630 | 5801608L | 5811608 |
| 22/ 0.866 | 5802210L | 5812210 |
| 27/ 1.063 -5524 | 5802712L | 5812712 |
| 27/ 1.063 -5525 | 5802712L | 5812712 |
| 32/ 1.260 | 5803216L | 5813216 |
| 40/ 1.575 | 5804020L | 5814020 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|-----------------|---|---|---|
| |  |  |  |
| 16/ 0.630 | 5801608 | 950D0310 | 16C10810164 |
| 22/ 0.866 | 5802210 | 950D0414 | 16C11012206 |
| 27/ 1.063 -5524 | 5802712 | 950D0512 | 16C127 |
| 27/ 1.063 -5525 | 5802712 | 950D0516 | 16C11214243 |
| 32/ 1.260 | 5803216 | 950D0516 | 16C2141421 |
| 40/ 1.575 | 5804020 | 950D0616 | 16C2161621 |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

With through coolant channels
– Inch



–For ISO attribute explanation, see page 15

Spare parts:
1 = Bolt
2 = Tenon/Screw

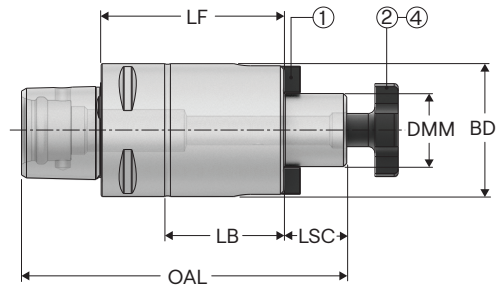
| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|--------------------|-------------|------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | | | |
| C4-391.5525-075150 | 02610375 | C4 | 0.750 | 1.500 | 1.750 | 3.134 | 0.594 | 0.689 | 0 | G6.3 | 1.100 |
| C5-391.5525-075150 | 02610376 | C5 | 0.750 | 1.500 | 1.750 | 3.370 | 0.594 | 0.689 | 1 | G6.3 | 1.500 |
| C5-391.5525-100150 | 02610377 | C5 | 1.000 | 1.500 | 2.067 | 3.370 | 0.594 | 0.689 | 1 | G6.3 | 1.760 |
| C6-391.5525-075150 | 02610378 | C6 | 0.750 | 1.500 | 1.750 | 3.685 | 0.516 | 0.689 | 1 | G6.3 | 2.430 |
| C6-391.5525-100150 | 02610379 | C6 | 1.000 | 1.500 | 2.250 | 3.685 | 0.516 | 0.689 | 1 | G6.3 | 2.650 |
| C6-391.5525-125150 | 02610380 | C6 | 1.250 | 1.500 | 2.750 | 3.685 | 0.516 | 0.689 | 1 | G6.3 | 3.020 |
| C6-391.5525-150175 | 02610388 | C6 | 1.500 | 1.750 | 3.500 | 4.187 | 0.766 | 0.941 | 1 | G6.3 | 4.850 |
| C8-391.5525-125200 | 02610391 | C8 | 1.250 | 2.000 | 2.750 | 4.579 | 0.701 | 0.689 | 1 | G6.3 | 5.580 |
| C8-391.5525-150200 | 02610394 | C8 | 1.500 | 2.000 | 3.500 | 4.831 | 0.701 | 0.941 | 1 | G6.3 | 6.610 |

Spare Parts, included in delivery

| For | Bolt | Screw | Tenon |
|--------------------|----------|----------|-----------|
| 0.750 | 58211905 | 950D0312 | 16C11905A |
| 1.250 | 58213175 | 950D0516 | 16C23175 |
| 1.500 | 58213810 | 950D0616 | 16C23810 |
| C5-391.5525-100150 | 58212540 | 950D0414 | 16C12540A |
| C6-391.5525-100150 | 58212540 | 950D0416 | 16C12540A |

Small face without through coolant channels – ISO 3937
– Metric/ Inch

Seco Capto™




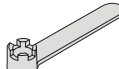
–For ISO attribute explanation, see page 15

Accessories:
4 = Bolt, through coolant

Spare parts:
1 = Bolt
2 = Tenon/Screw


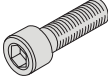

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSC | RFID hole | Balancing | Weight |
|-------------------|-------------|------|---------------|---------------|---------------|----------------|---------------|---------------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| C3-391.0552-16030 | 02752390 | C3 | 16,0 0.630 | 30,0 1.181 | 32,0 1.260 | 66,0 2.598 | 15,0 0.591 | 17,0 0.669 | 0 | G6.3 | 0,24 0.530 |
| C4-391.0552-16032 | 02752391 | C4 | 16,0 0.630 | 32,0 1.260 | 32,0 1.260 | 73,0 2.874 | 9,0 0.354 | 17,0 0.669 | 0 | G6.3 | 0,36 0.790 |
| C4-391.0552-22055 | 02752392 | C4 | 22,0 0.866 | 55,0 2.165 | 40,0 1.575 | 98,0 3.858 | 32,0 1.260 | 19,0 0.748 | 0 | G6.3 | 0,66 1.460 |
| C5-391.0552-22070 | 02752397 | C5 | 22,0 0.866 | 70,0 2.756 | 40,0 1.575 | 119,0 4.685 | 47,0 1.850 | 19,0 0.748 | 1 | G6.3 | 1,0 2.200 |
| C5-391.0552-27035 | 02752398 | C5 | 27,0 1.063 | 35,0 1.378 | 48,0 1.890 | 86,0 3.386 | 12,0 0.472 | 21,0 0.827 | 1 | G6.3 | 0,8 1.760 |
| C6-391.0552-22035 | 02752399 | C6 | 22,0 0.866 | 35,0 1.378 | 40,0 1.575 | 92,0 3.622 | 10,0 0.394 | 19,0 0.748 | 1 | G6.3 | 1,0 2.200 |
| C6-391.0552-27035 | 02752400 | C6 | 27,0 1.063 | 35,0 1.378 | 48,0 1.890 | 94,0 3.701 | 10,0 0.394 | 21,0 0.827 | 1 | G6.3 | 1,1 2.430 |
| C6-391.0552-32035 | 02752401 | C6 | 32,0 1.260 | 35,0 1.378 | 58,0 2.283 | 97,0 3.819 | 10,0 0.394 | 24,0 0.945 | 1 | G6.3 | 1,22 2.690 |
| C8-391.0552-27035 | 02752403 | C8 | 27,0 1.063 | 35,0 1.378 | 48,0 1.890 | 104,0 4.094 | 2,0 0.079 | 21,0 0.827 | 1 | G6.3 | 2,0 4.410 |
| C8-391.0552-32035 | 02752404 | C8 | 32,0 1.260 | 35,0 1.378 | 58,0 2.283 | 107,0 4.213 | 2,0 0.079 | 24,0 0.945 | 1 | G6.3 | 2,03 4.480 |
| C8-391.0552-40035 | 02752405 | C8 | 40,0 1.575 | 35,0 1.378 | 70,0 2.756 | 110,0 4.331 | 2,0 0.079 | 27,0 1.063 | 1 | G6.3 | 2,3 5.070 |

Accessories

| For | Bolt, through coolant | Spanner |
|-----------|--|---|
| 16/ 0.630 |  5801608L |  5811608 |
| 22/ 0.866 | 5802210L | 5812210 |
| 27/ 1.063 | 5802712L | 5812712 |
| 32/ 1.260 | 5803216L | 5813216 |
| 40/ 1.575 | 5804020L | 5814020 |

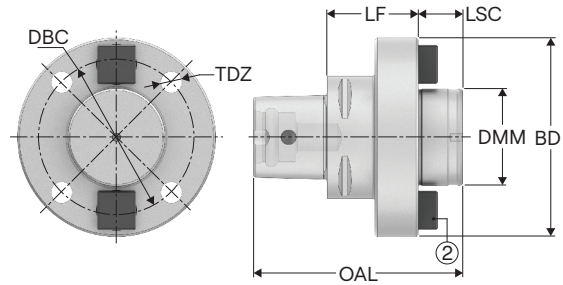
Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

Spare Parts, included in delivery

| Guide | For | Bolt | Screw | Tenon |
|---------------------------------|-----------|---|---|---|
| | |  |  |  |
| HSK-A | 16/ 0.630 | 5801608 | 950D0308 | 16C116 |
| | 22/ 0.866 | 5802210 | 950D0414 | 16C122 |
| | 27/ 1.063 | 5802712 | 950D0512 | 16C127 |
| | 32/ 1.260 | 5803216 | 950D0514 | 16C132 |
| HSK-E | 40/ 1.575 | 5804020 | 950D0616 | 16C140 |
| DIN | | | | |
| BT JIS | | | | |
| CAT | | | | |
| Combimaster | | | | |
| Graflex | | | | |
| Seco Capto™ | | | | |
| Others | | | | |
| Operating & setting accessories | | | | |
| Shrinkfit | | | | |

Flange mounting – DIN 6357/ DIN 2079
– Inch

Seco Capto™



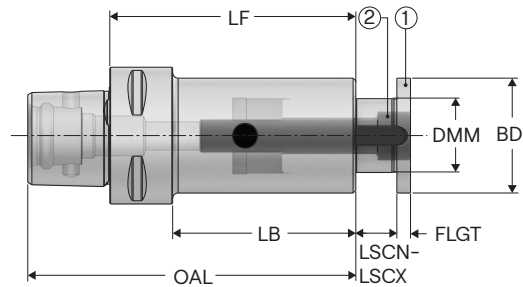
–For ISO attribute explanation, see page 15

Spare parts:
2 = Tenon/Screw (not removable)

| Designation | Item number | CTMS | LSC | DMM | LF | BD | OAL | LSC | DBC | TDZ | RFID hole | Balancing | Weight |
|------------------|-------------|------|-------|-------|-------|-------|-------|-------|-------|---------------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| C8-A391.05-63060 | 10116829 | C8 | 1.142 | 2.500 | 2.362 | 5.118 | 5.394 | 1.142 | 4.000 | 5/8" - 11 UNC | – | PB | 13.450 |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

- Metric/ Inch



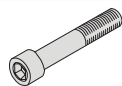
-For ISO attribute explanation, see page 15

Spare parts:
1 = Slide rod
2 = Screw

| Designation | Item number | CTMS | DMM | LF | BD | OAL | LB | LSCN | LSCX | FLGT | RFID hole | Balancing | Weight |
|-------------------|-------------|------|---------------|----------------|---------------|----------------|----------------|------------|---------------|--------------|-----------|-----------|----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| C5-391.5657-27090 | 02532800 | C5 | 27,0 1.063 | 90,0 3.543 | 42,0 1.654 | 120,0 4.724 | 67,0 2.638 | 0,0 0.0 | 15,0 0.591 | 5,0 0.197 | 1 | PB | 1,21 2.670 |
| C6-391.5657-22080 | 02532802 | C6 | 22,0 0.866 | 80,0 3.150 | 35,0 1.378 | 118,0 4.646 | 55,0 2.165 | 0,0 0.0 | 12,0 0.472 | 4,0 0.157 | 1 | PB | 1,24 2.730 |
| C6-391.5657-27090 | 02532803 | C6 | 27,0 1.063 | 90,0 3.543 | 42,0 1.654 | 128,0 5.039 | 65,0 2.559 | 0,0 0.0 | 15,0 0.591 | 5,0 0.197 | 1 | PB | 1,54 3.400 |
| C6-391.5657-40150 | 02532805 | C6 | 40,0 1.575 | 150,0 5.906 | 58,0 2.283 | 188,0 7.402 | 125,0 4.921 | 0,0 0.0 | 30,0 1.181 | 7,0 0.276 | 1 | PB | 3,5 7.720 |
| C8-391.5657-50200 | 02532809 | C8 | 50,0 1.969 | 200,0 7.874 | 72,0 2.835 | 248,0 9.764 | 167,0 6.575 | 0,0 0.0 | 32,0 1.260 | 8,0 0.315 | 1 | PB | 7,12 15.700 |

Spare Parts, included in delivery

| For | Screw | Slide rod |
|-----------|-----------|-----------|
| 22/ 0.866 | 19C565722 | 565722 |
| 27/ 1.063 | 19C565727 | 565727 |
| 40/ 1.575 | 19C565740 | 565740 |
| 50/ 1.969 | 19C565750 | 565750 |

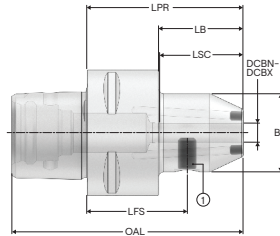


DIN 1835 Form B/ DIN 6535 Form HB
- Metric/ Inch

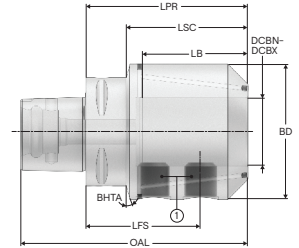
Seco Capto™



Design 1



Design 2



- Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
- With 2 coolant channels for front lubrication which can be sealed with included screws
- For ISO attribute explanation, see page 15



Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | | LFS | BD | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|------|---------------|----------------|---------------|---------------|----------------|---------------|---------------|--------|-------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | | | | | | | | | |
| C4-EM06-050-L1 | 10327217 | C4 | 6,0 0.236 | 50,0 1.969 | 32,0 1.260 | 25,0 0.984 | 74,0 2.913 | 27,0 1.063 | 27,0 1.063 | 1 | - | 0 | PB | 0,4 0.880 |
| C4-EM08-050-L1 | 10327218 | C4 | 8,0 0.315 | 50,0 1.969 | 32,0 1.260 | 28,0 1.102 | 74,0 2.913 | 27,0 1.063 | 30,0 1.181 | 1 | - | 0 | PB | 0,4 0.880 |
| C4-EM10-050-L1 | 10327219 | C4 | 10,0 0.394 | 50,0 1.969 | 30,0 1.181 | 35,0 1.378 | 74,0 2.913 | 27,0 1.063 | 36,0 1.417 | 1 | - | 0 | PB | 0,5 1.100 |
| C4-EM12-055-L1 | 10327220 | C4 | 12,0 0.472 | 55,0 2.165 | 32,5 1.280 | 42,0 1.654 | 79,0 3.110 | 35,0 1.378 | 43,0 1.693 | 1 | 30,0 | 0 | PB | 0,6 1.320 |
| C4-EM16-055-L1 | 10327221 | C4 | 16,0 0.630 | 55,0 2.165 | 31,0 1.220 | 48,0 1.890 | 79,0 3.110 | 35,0 1.378 | 46,0 1.811 | 1 | 15,0 | 0 | PB | 0,6 1.320 |
| C5-EM06-050-L1 | 10327222 | C5 | 6,0 0.236 | 50,0 1.969 | 32,0 1.260 | 25,0 0.984 | 80,0 3.150 | 27,0 1.063 | 27,0 1.063 | 1 | - | 1 | PB | 0,1 0.220 |
| C5-EM08-050-L1 | 10327223 | C5 | 8,0 0.315 | 50,0 1.969 | 32,0 1.260 | 28,0 1.102 | 80,0 3.150 | 27,0 1.063 | 30,0 1.181 | 1 | - | 1 | PB | 0,6 1.320 |
| C5-EM10-055-L1 | 10327224 | C5 | 10,0 0.394 | 55,0 2.165 | 35,0 1.378 | 35,0 1.378 | 85,0 3.346 | 32,0 1.260 | 36,0 1.417 | 1 | - | 1 | PB | 0,7 1.540 |
| C5-EM12-060-L1 | 10327225 | C5 | 12,0 0.472 | 60,0 2.362 | 37,5 1.476 | 42,0 1.654 | 90,0 3.543 | 37,0 1.457 | 43,0 1.693 | 1 | - | 1 | PB | 0,8 1.760 |
| C5-EM16-060-L1 | 10327226 | C5 | 16,0 0.630 | 60,0 2.362 | 36,0 1.417 | 48,0 1.890 | 90,0 3.543 | 37,0 1.457 | 46,0 1.811 | 1 | - | 1 | PB | 0,9 1.980 |
| C5-EM20-060-L1 | 10327227 | C5 | 20,0 0.787 | 60,0 2.362 | 35,0 1.378 | 52,0 2.047 | 90,0 3.543 | 40,0 1.575 | 49,0 1.929 | 1 | 30,0 | 1 | PB | 0,9 1.980 |
| C5-EM25-080-L1 | 10327228 | C5 | 25,0 0.984 | 80,0 3.150 | 56,0 2.205 | 63,0 2.480 | 110,0 4.331 | 60,0 2.362 | 56,0 2.205 | 2 | 15,0 | 1 | PB | 1,5 3.310 |
| C6-EM06-060-L1 | 10327229 | C6 | 6,0 0.236 | 60,0 2.362 | 42,0 1.654 | 25,0 0.984 | 98,0 3.858 | 35,0 1.378 | 27,0 1.063 | 1 | - | 1 | PB | 1,0 2.200 |
| C6-EM08-055-L1 | 10327230 | C6 | 8,0 0.315 | 55,0 2.165 | 37,0 1.457 | 28,0 1.102 | 93,0 3.661 | 30,0 1.181 | 30,0 1.181 | 1 | - | 1 | PB | 1,0 2.200 |
| C6-EM10-060-L1 | 10327231 | C6 | 10,0 0.394 | 60,0 2.362 | 40,0 1.575 | 35,0 1.378 | 98,0 3.858 | 35,0 1.378 | 36,0 1.417 | 1 | - | 1 | PB | 1,1 2.430 |
| C6-EM12-060-L1 | 10327232 | C6 | 12,0 0.472 | 60,0 2.362 | 37,5 1.476 | 42,0 1.654 | 98,0 3.858 | 35,0 1.378 | 43,0 1.693 | 1 | - | 1 | PB | 1,2 2.650 |
| C6-EM14-060-L1 | 10327233 | C6 | 14,0 0.551 | 60,0 2.362 | 37,5 1.476 | 44,0 1.732 | 98,0 3.858 | 35,0 1.378 | 43,0 1.693 | 1 | - | 1 | PB | 1,2 2.650 |
| C6-EM16-065-L1 | 10327234 | C6 | 16,0 0.630 | 65,0 2.559 | 41,0 1.614 | 48,0 1.890 | 103,0 4.055 | 40,0 1.575 | 46,0 1.811 | 1 | - | 1 | PB | 1,3 2.870 |
| C6-EM20-065-L1 | 10327235 | C6 | 20,0 0.787 | 65,0 2.559 | 40,0 1.575 | 52,0 2.047 | 103,0 4.055 | 40,0 1.575 | 49,0 1.929 | 1 | - | 1 | PB | 1,4 3.090 |
| C6-EM25-080-L1 | 10327236 | C6 | 25,0 0.984 | 80,0 3.150 | 56,0 2.205 | 63,0 2.480 | 118,0 4.646 | 58,0 2.283 | 54,0 2.126 | 2 | - | 1 | PB | 1,9 4.190 |
| C6-EM32-090-L1 | 10327237 | C6 | 32,0 1.260 | 90,0 3.543 | 66,0 2.598 | 72,0 2.835 | 128,0 5.039 | 68,0 2.677 | 59,0 2.323 | 2 | 15,0 | 1 | PB | 2,4 5.290 |
| C6-EM40-100-L1 | 10327238 | C6 | 40,0 1.575 | 100,0 3.937 | 70,0 2.756 | 80,0 3.150 | 138,0 5.433 | 78,0 3.071 | 68,0 2.677 | 2 | 15,0 | 1 | PB | 2,9 6.390 |

Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

| Guide | Designation | Item number | CTMS | DCBN-DCBX | | LFS | BD | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|-------|----------------|-------------|------|---------------|----------------|---------------|----------------|----------------|---------------|---------------|--------|-------|-----------|-----------|---------------|
| | | | | mm inch | mm inch | | | | | | | | | | |
| HSK-A | C8-EM10-070-L1 | 10327239 | C8 | 10,0 0.394 | 70,0 2.756 | 50,0 1.969 | 35,0 1.378 | 118,0 4.646 | 37,0 1.457 | 36,0 1.417 | 1 | - | 1 | PB | 2,1 4.630 |
| | C8-EM12-070-L1 | 10327240 | C8 | 12,0 0.472 | 70,0 2.756 | 47,5 1.870 | 42,0 1.654 | 118,0 4.646 | 37,0 1.457 | 43,0 1.693 | 1 | - | 1 | PB | 2,2 4.850 |
| | C8-EM16-070-L1 | 10327241 | C8 | 16,0 0.630 | 70,0 2.756 | 46,0 1.811 | 48,0 1.890 | 118,0 4.646 | 37,0 1.457 | 46,0 1.811 | 1 | - | 1 | PB | 2,3 5.070 |
| HSK-E | C8-EM20-070-L1 | 10327242 | C8 | 20,0 0.787 | 70,0 2.756 | 45,0 1.772 | 52,0 2.047 | 118,0 4.646 | 37,0 1.457 | 48,0 1.890 | 1 | - | 1 | PB | 2,3 5.070 |
| | C8-EM25-080-L1 | 10327243 | C8 | 25,0 0.984 | 80,0 3.150 | 56,0 2.205 | 65,0 2.559 | 128,0 5.039 | 47,0 1.850 | 54,0 2.126 | 2 | - | 1 | PB | 2,7 5.950 |
| | C8-EM32-080-L1 | 10327244 | C8 | 32,0 1.260 | 80,0 3.150 | 56,0 2.205 | 72,0 2.835 | 128,0 5.039 | 47,0 1.850 | 59,0 2.323 | 2 | - | 1 | PB | 2,8 6.170 |
| DIN | C8-EM40-110-L1 | 10327245 | C8 | 40,0 1.575 | 110,0 4.331 | 80,0 3.150 | 80,0 3.150 | 158,0 6.220 | 77,0 3.031 | 68,0 2.677 | 2 | - | 1 | PB | 3,9 8.600 |
| | C8-EM50-120-L1 | 10327246 | C8 | 50,0 1.969 | 120,0 4.724 | 85,0 3.346 | 100,0 3.937 | 168,0 6.614 | 90,0 3.543 | 78,0 3.071 | 2 | 15,0 | 1 | PB | 5,5 12.130 |

Spare Parts, included in delivery

| BT JIS | For DCBN-DCBX | |
|------------|---|---|
| | Coolant screw | Locking screw |
| |  |  |
| 6 / 0.236 | 950A0304 | 951C0610 |
| 8 / 0.315 | 950A0304 | 951C0810 |
| 10 / 0.394 | 950A0304 | 951C1012 |
| 12 / 0.472 | 950A0304 | 951C1216 |
| 14 / 0.551 | 950A0304 | 951C1216 |
| 16 / 0.630 | 950A0304 | 951C1416 |
| 20 / 0.787 | 950A0404 | 951C1616 |
| 25 / 0.984 | 950A0404 | 951C1820 |
| 32 / 1.260 | 950A0404 | 951C2020 |
| 40 / 1.575 | 950A0404 | 951C2020 |
| 50 / 1.969 | 950A0404 | 951C2425 |

| | |
|-------------|--|
| CAT | |
| Combimaster | |
| Graflex | |

| | |
|-------------|--|
| Seco Capto™ | |
|-------------|--|

| | |
|--------|--|
| Others | |
|--------|--|

| | |
|---------------------------------|--|
| Operating & setting accessories | |
|---------------------------------|--|

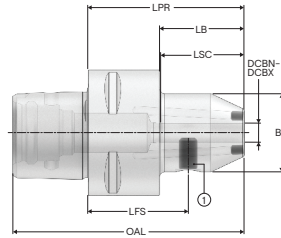
| | |
|-----------|--|
| Shrinkfit | |
|-----------|--|

DIN 1835 Form B/ DIN 6535 Form HB
- Inch

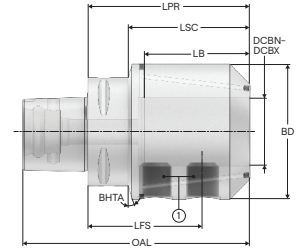
Seco Capto™



Design 1



Design 2





- Weldon \varnothing DCBN-DCBX 16, 20, 25, 32 and 40 mm / 0.630, 0.787, 0.984, 1.260 and 1.575" with ground face (Seco-Weldon compatible)
- With 2 coolant channels for front lubrication which can be sealed with included screws
- For ISO attribute explanation, see page 15

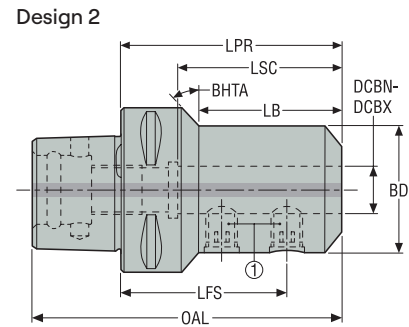
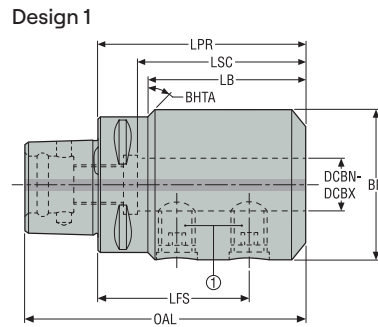
1 = Screw

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LFS | BD | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|---------------------|-------------|------|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| C4-EM0.375-2.500-L1 | 10327247 | C4 | 0.375 | 2.500 | 1.750 | 1.370 | 3.445 | 1.594 | 1.496 | 1 | - | 0 | PB | 1.320 |
| C4-EM0.500-2.500-L1 | 10327248 | C4 | 0.500 | 2.500 | 1.630 | 1.614 | 3.445 | 1.713 | 1.614 | 1 | 30,0 | 0 | PB | 1.320 |
| C4-EM0.625-2.500-L1 | 10327249 | C4 | 0.625 | 2.500 | 1.590 | 1.870 | 3.445 | 1.713 | 1.870 | 1 | 30,0 | 0 | PB | 1.540 |
| C4-EM0.750-2.360-L1 | 10327250 | C4 | 0.750 | 2.362 | 1.362 | 2.000 | 3.307 | 1.575 | 2.008 | 1 | 30,0 | 0 | PB | 1.540 |
| C5-EM0.375-2.500-L1 | 10327251 | C5 | 0.375 | 2.500 | 1.750 | 1.370 | 3.681 | 1.594 | 1.496 | 1 | - | 1 | PB | 1.540 |
| C5-EM0.500-2.360-L1 | 10327252 | C5 | 0.500 | 2.362 | 1.492 | 1.614 | 3.543 | 1.457 | 1.614 | 1 | - | 1 | PB | 1.760 |
| C5-EM0.625-2.500-L1 | 10327268 | C5 | 0.625 | 2.500 | 1.590 | 1.870 | 3.681 | 1.594 | 1.870 | 1 | - | 1 | PB | 1.980 |
| C5-EM0.750-2.360-L1 | 10327253 | C5 | 0.750 | 2.362 | 1.362 | 2.000 | 3.543 | 1.575 | 2.008 | 1 | - | 1 | PB | 1.980 |
| C5-EM1.000-3.500-L1 | 10327255 | C5 | 1.000 | 3.500 | 2.380 | 2.500 | 4.681 | 2.713 | 2.244 | 2 | 15,0 | 1 | PB | 3.750 |
| C6-EM0.375-2.500-L1 | 10327256 | C6 | 0.375 | 2.500 | 1.750 | 1.370 | 3.996 | 1.516 | 1.496 | 1 | - | 1 | PB | 2.430 |
| C6-EM0.500-2.500-L1 | 10327257 | C6 | 0.500 | 2.500 | 1.630 | 1.614 | 3.996 | 1.516 | 1.614 | 1 | - | 1 | PB | 2.650 |
| C6-EM0.625-2.500-L1 | 10327258 | C6 | 0.625 | 2.500 | 1.590 | 1.870 | 3.996 | 1.516 | 1.870 | 1 | - | 1 | PB | 2.870 |
| C6-EM0.750-2.500-L1 | 10327259 | C6 | 0.750 | 2.500 | 1.500 | 2.000 | 3.996 | 1.516 | 2.008 | 1 | - | 1 | PB | 2.870 |
| C6-EM1.000-3.500-L1 | 10327261 | C6 | 1.000 | 3.500 | 2.380 | 2.500 | 4.996 | 2.496 | 2.244 | 2 | - | 1 | PB | 4.410 |
| C6-EM1.250-3.500-L1 | 10327262 | C6 | 1.250 | 3.500 | 2.380 | 2.748 | 4.996 | 2.634 | 2.303 | 2 | 15,0 | 1 | PB | 4.850 |
| C6-EM1.500-4.331-L1 | 10327263 | C6 | 1.500 | 4.331 | 2.831 | 3.500 | 5.827 | 3.465 | 2.618 | 2 | 15,0 | 1 | PB | 9.260 |
| C8-EM1.250-3.500-L1 | 10327264 | C8 | 1.250 | 3.500 | 2.380 | 2.748 | 5.390 | 2.201 | 2.303 | 2 | - | 1 | PB | 6.610 |
| C8-EM1.500-5.000-L1 | 10327265 | C8 | 1.500 | 5.000 | 3.500 | 3.500 | 6.890 | 3.819 | 2.618 | 2 | 15,0 | 1 | PB | 12.130 |
| C8-EM2.000-5.000-L1 | 10327266 | C8 | 2.000 | 5.000 | 3.590 | 4.000 | 6.890 | 3.819 | 3.110 | 2 | 15,0 | 1 | PB | 13.450 |

Spare Parts, included in delivery

| For DCBN-DCBX | Coolant screw | Locking screw |
|---------------|---|---|
| |  |  |
| 0.375 | 950A0304 | 951CNC037031 |
| 0.500 | 950A0304 | 951CNC043037 |
| 0.625 | 950A0304 | 951CNC056050 |
| 0.750 | 950A0304 | 951CNC062050 |
| 1.000-1.500 | 950A0404 | 951CNC075068 |
| 2.000 | 950A0404 | 951CNS100087 |

ISO 9766
– Metric/ Inch




–Only for ISO 9766 drill shank
–For ISO attribute explanation, see page 15

Spare parts:
1 = Locking screw

| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LFS | BD | OAL | LB | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|------------------|-------------|------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-----|--------|-------|-----------|---------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | | |
| C3-391.27-16056 | 75040036 | C3 | 16,0 0.630 | 56,0 2.205 | 41,2 1.622 | 36,0 1.417 | 75,0 2.953 | 41,0 1.614 | 49,5 1.949 | 1 | 60,0 | 0 | PB | 0,4 0.880 | |
| C3-391.27-20060 | 75040039 | C3 | 20,0 0.787 | 60,0 2.362 | 45,2 1.780 | 40,0 1.575 | 79,0 3.110 | 45,0 1.772 | 51,5 2.028 | 1 | – | 0 | PB | 0,5 1.100 | |
| C4-391.27-16056 | 75040040 | C4 | 16,0 0.630 | 56,0 2.205 | 41,2 1.622 | 36,0 1.417 | 80,0 3.150 | 32,5 1.280 | 49,5 1.949 | 2 | 60,0 | 0 | PB | 0,5 1.100 | |
| C4-391.27-20060 | 75040041 | C4 | 20,0 0.787 | 60,0 2.362 | 45,2 1.780 | 40,0 1.575 | 84,0 3.307 | 51,5 2.028 | 51,5 2.028 | 2 | – | 0 | PB | 0,6 1.320 | |
| C4-391.27-25077 | 75040042 | C4 | 25,0 0.984 | 77,0 3.031 | 60,2 2.370 | 45,0 1.772 | 101,0 3.976 | 57,0 2.244 | 57,5 2.264 | 1 | – | 0 | PB | 0,8 1.760 | |
| C5-391.27-16065 | 75040043 | C5 | 16,0 0.630 | 65,0 2.559 | 50,2 1.976 | 36,0 1.417 | 95,0 3.740 | 41,7 1.642 | 49,5 1.949 | 2 | 25,0 | 0 | PB | 0,8 1.760 | |
| C5-391.27-20060 | 75040044 | C5 | 20,0 0.787 | 60,0 2.362 | 45,2 1.780 | 40,0 1.575 | 90,0 3.543 | 37,7 1.484 | 51,5 2.028 | 2 | 25,0 | 0 | PB | 0,7 1.540 | |
| C5-391.27-25071 | 02432677 | C5 | 25,0 0.984 | 71,0 2.795 | 54,2 2.134 | 45,0 1.772 | 101,0 3.976 | 46,7 1.839 | 62,5 2.461 | 2 | 60,0 | 0 | PB | 0,9 1.980 | |
| C5-391.27-32075 | 75040046 | C5 | 32,0 1.260 | 75,0 2.953 | 75,0 2.953 | 52,0 2.047 | 105,0 4.134 | 55,0 2.165 | 61,5 2.421 | 1 | – | 0 | PB | 1,0 2.200 | |
| C6-391.27-16070 | 75040047 | C6 | 16,0 0.630 | 70,0 2.756 | 55,2 2.173 | 36,0 1.417 | 108,0 4.252 | 43,0 1.693 | 49,5 1.949 | 2 | 20,0 | 0 | PB | 1,1 2.430 | |
| C6-391.27-20070 | 75040048 | C6 | 20,0 0.787 | 70,0 2.756 | 55,2 2.173 | 40,0 1.575 | 108,0 4.252 | 43,8 1.724 | 51,5 2.028 | 2 | 20,0 | 0 | PB | 1,1 2.430 | |
| C6-391.27-25070A | 02450595 | C6 | 25,0 0.984 | 72,0 2.835 | 55,2 2.173 | 45,0 1.772 | 110,0 4.331 | 45,8 1.803 | 59,5 2.343 | 2 | 25,0 | 0 | PB | 1,2 2.650 | |
| C6-391.27-32075 | 75040050 | C6 | 32,0 1.260 | 75,0 2.953 | 58,2 2.291 | 52,0 2.047 | 113,0 4.449 | 49,8 1.961 | 61,5 2.421 | 2 | 30,0 | 0 | PB | 1,3 2.870 | |
| C6-391.27-40085 | 00024796 | C6 | 40,0 1.575 | 85,0 3.346 | 85,0 3.346 | 65,0 2.559 | 123,0 4.843 | 63,0 2.480 | 71,5 2.815 | 1 | – | 0 | PB | 1,7 3.750 | |
| C8-391.27-16080 | 02300843 | C8 | 16,0 0.630 | 80,0 3.150 | 80,0 3.150 | 36,0 1.417 | 128,0 5.039 | 42,0 1.654 | 49,5 1.949 | 2 | 20,0 | 0 | PB | 2,14 4.720 | |
| C8-391.27-20080 | 02300847 | C8 | 20,0 0.787 | 80,0 3.150 | 80,0 3.150 | 40,0 1.575 | 128,0 5.039 | 43,8 1.724 | 51,5 2.028 | 2 | 17,0 | 0 | PB | 2,16 4.760 | |
| C8-391.27-25085 | 02300848 | C8 | 25,0 0.984 | 85,0 3.346 | 85,0 3.346 | 45,0 1.772 | 133,0 5.236 | 49,8 1.961 | 57,5 2.264 | 2 | 17,0 | 0 | PB | 2,3 5.070 | |
| C8-391.27-32090 | 02300849 | C8 | 32,0 1.260 | 90,0 3.543 | 90,0 3.543 | 52,0 2.047 | 138,0 5.433 | 53,8 2.118 | 61,5 2.421 | 2 | 14,0 | 0 | PB | 2,4 5.290 | |
| C8-391.27-40095 | 02207177 | C8 | 40,0 1.575 | 95,0 3.740 | 95,0 3.740 | 65,0 2.559 | 143,0 5.630 | 62,8 2.472 | 71,5 2.815 | 2 | 17,0 | 0 | PB | 2,7 5.950 | |

Spare Parts, included in delivery

| For | Locking screw |
|-----------|---|
| |  |
| 16/ 0.630 | 5514042-04 |
| 20/ 0.787 | 5514042-04 |
| 25/ 0.984 | 416.1-838 |
| 32/ 1.260 | 416.1-838 |
| 40/ 1.575 | 5514042-06 |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

DIN type
– Metric/ Inch

Guide

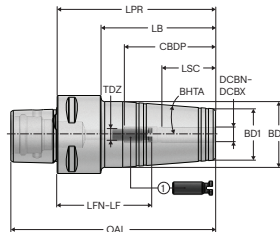
HSK-A

HSK-E

DIN

- Run-out ≤3 µm
- Delivered with one stop screw
- Without threads for balancing screws
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw



BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|--------|-------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| C3-391.5603-06065 | 02753139 | C3 | 6,0 0.236 | 65,0 2.559 | 47,0 1.850 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 84,0 3.307 | 29,0 1.142 | 39,0 1.535 | M5x0.8 | 4,5 | 0 | G6.3 | 0,3 0.660 |
| C3-391.5603-08065 | 02753140 | C3 | 8,0 0.315 | 65,0 2.559 | 47,0 1.850 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 84,0 3.307 | 29,0 1.142 | 39,0 1.535 | M6x1 | 4,5 | 0 | G6.3 | 0,3 0.660 |
| C3-391.5603-10070 | 02753141 | C3 | 10,0 0.394 | 70,0 2.756 | 55,0 2.165 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 89,0 3.504 | 29,0 1.142 | 39,0 1.535 | M8x1 | 4,5 | 0 | G6.3 | 0,4 0.880 |
| C3-391.5603-12070 | 02753142 | C3 | 12,0 0.472 | 70,0 2.756 | 55,0 2.165 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 89,0 3.504 | 24,0 0.945 | 34,0 1.339 | M10x1 | 4,5 | 0 | G6.3 | 0,4 0.880 |
| C4-391.5603-06075 | 02753144 | C4 | 6,0 0.236 | 75,0 2.953 | 52,0 2.047 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 99,0 3.898 | 39,0 1.535 | 49,0 1.929 | M5x0.8 | 4,5 | 0 | G6.3 | 0,5 1.100 |
| C4-391.5603-08075 | 02753145 | C4 | 8,0 0.315 | 75,0 2.953 | 52,0 2.047 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 99,0 3.898 | 39,0 1.535 | 49,0 1.929 | M6x1 | 4,5 | 0 | G6.3 | 0,5 1.100 |
| C4-391.5603-10075 | 02753146 | C4 | 10,0 0.394 | 75,0 2.953 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 99,0 3.898 | 34,0 1.339 | 44,0 1.732 | M8x1 | 4,5 | 0 | G6.3 | 0,5 1.100 |
| C4-391.5603-12075 | 02753147 | C4 | 12,0 0.472 | 75,0 2.953 | 52,0 2.047 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 99,0 3.898 | 29,0 1.142 | 39,0 1.535 | M10x1 | 4,5 | 0 | G6.3 | 0,5 1.100 |
| C4-391.5603-14080 | 02753149 | C4 | 14,0 0.551 | 80,0 3.150 | 57,0 2.244 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 104,0 4.094 | 34,0 1.339 | 44,0 1.732 | M10x1 | 4,5 | 0 | G6.3 | 0,6 1.320 |
| C4-391.5603-16080 | 02753150 | C4 | 16,0 0.630 | 80,0 3.150 | 57,0 2.244 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 104,0 4.094 | 31,0 1.220 | 41,0 1.614 | M12x1 | 4,5 | 0 | G6.3 | 0,6 1.320 |
| C5-391.5603-06075 | 02753151 | C5 | 6,0 0.236 | 75,0 2.953 | 52,0 2.047 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 105,0 4.134 | 39,0 1.535 | 49,0 1.929 | M5x0.8 | 4,5 | 1 | G6.3 | 0,7 1.540 |
| C5-391.5603-08075 | 02753153 | C5 | 8,0 0.315 | 75,0 2.953 | 52,0 2.047 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 105,0 4.134 | 39,0 1.535 | 49,0 1.929 | M6x1 | 4,5 | 1 | G6.3 | 0,7 1.540 |
| C5-391.5603-10075 | 02753154 | C5 | 10,0 0.394 | 75,0 2.953 | 52,0 2.047 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 105,0 4.134 | 34,0 1.339 | 44,0 1.732 | M8x1 | 4,5 | 1 | G6.3 | 0,68 1.500 |
| C5-391.5603-12075 | 02753156 | C5 | 12,0 0.472 | 75,0 2.953 | 52,0 2.047 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 105,0 4.134 | 29,0 1.142 | 39,0 1.535 | M10x1 | 4,5 | 1 | G6.3 | 0,67 1.480 |
| C5-391.5603-14080 | 02753157 | C5 | 14,0 0.551 | 80,0 3.150 | 57,0 2.244 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 110,0 4.331 | 34,0 1.339 | 44,0 1.732 | M10x1 | 4,5 | 1 | G6.3 | 0,74 1.630 |
| C5-391.5603-16080 | 02753158 | C5 | 16,0 0.630 | 80,0 3.150 | 57,0 2.244 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 110,0 4.331 | 31,0 1.220 | 41,0 1.614 | M12x1 | 4,5 | 1 | G6.3 | 0,8 1.760 |
| C5-391.5603-18080 | 02753159 | C5 | 18,0 0.709 | 80,0 3.150 | 57,0 2.244 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 110,0 4.331 | 31,0 1.220 | 41,0 1.614 | M12x1 | 4,5 | 1 | G6.3 | 0,9 1.980 |
| C5-391.5603-20085 | 02753160 | C5 | 20,0 0.787 | 85,0 3.346 | 62,0 2.441 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 115,0 4.528 | 34,0 1.339 | 44,0 1.732 | M16x1 | 4,5 | 1 | G6.3 | 0,9 1.980 |
| C5-391.5603-25090 | 02753161 | C5 | 25,0 0.984 | 90,0 3.543 | 70,0 2.756 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 120,0 4.724 | 33,0 1.299 | 43,0 1.693 | M16x1 | 4,5 | 1 | G6.3 | 1,3 2.870 |
| C6-391.5603-06080 | 02753167 | C6 | 6,0 0.236 | 80,0 3.150 | 55,0 2.165 | 37,5 1.476 | 22,0 0.866 | 21,0 0.827 | 27,0 1.063 | 118,0 4.646 | 44,0 1.732 | 54,0 2.126 | M5x0.8 | 4,5 | 1 | G6.3 | 1,1 2.430 |
| C6-391.5603-08080 | 02753168 | C6 | 8,0 0.315 | 80,0 3.150 | 55,0 2.165 | 37,5 1.476 | 26,0 1.024 | 21,0 0.827 | 27,0 1.063 | 118,0 4.646 | 44,0 1.732 | 54,0 2.126 | M6x1 | 4,5 | 1 | G6.3 | 1,0 2.200 |
| C6-391.5603-10080 | 02753169 | C6 | 10,0 0.394 | 80,0 3.150 | 55,0 2.165 | 42,5 1.673 | 31,0 1.220 | 24,0 0.945 | 32,0 1.260 | 118,0 4.646 | 39,0 1.535 | 49,0 1.929 | M8x1 | 4,5 | 1 | G6.3 | 1,1 2.430 |

| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|-------|-----|-------|-----------|--------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | | | | | |
| C6-391.5603-12080 | 02753170 | C6 | 12,0 0.472 | 80,0 3.150 | 55,0 2.165 | 47,5 1.870 | 34,0 1.339 | 24,0 0.945 | 32,0 1.260 | 118,0 4.646 | 34,0 1.339 | 44,0 1.732 | M10x1 | 4,5 | 1 | G6.3 | 1,1 2.430 | |
| C6-391.5603-14085 | 02753172 | C6 | 14,0 0.551 | 85,0 3.346 | 60,0 2.362 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 34,0 1.339 | 123,0 4.843 | 39,0 1.535 | 49,0 1.929 | M10x1 | 4,5 | 1 | G6.3 | 1,2 2.650 | |
| C6-391.5603-16085 | 02753174 | C6 | 16,0 0.630 | 85,0 3.346 | 60,0 2.362 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 123,0 4.843 | 36,0 1.417 | 46,0 1.811 | M12x1 | 4,5 | 1 | G6.3 | 1,1 2.430 | |
| C6-391.5603-18085 | 02753175 | C6 | 18,0 0.709 | 85,0 3.346 | 60,0 2.362 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 123,0 4.843 | 36,0 1.417 | 46,0 1.811 | M12x1 | 4,5 | 1 | G6.3 | 1,3 2.870 | |
| C6-391.5603-20085 | 02753176 | C6 | 20,0 0.787 | 85,0 3.346 | 60,0 2.362 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 123,0 4.843 | 34,0 1.339 | 44,0 1.732 | M16x1 | 4,5 | 1 | G6.3 | 1,2 2.650 | |
| C6-391.5603-25090 | 02753178 | C6 | 25,0 0.984 | 90,0 3.543 | 65,0 2.559 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 128,0 5.039 | 33,0 1.299 | 43,0 1.693 | M16x1 | 4,5 | 1 | G6.3 | 1,6 3.530 | |
| C6-391.5603-32095 | 02753185 | C6 | 32,0 1.260 | 95,0 3.740 | 70,0 2.756 | 62,5 2.461 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 133,0 5.236 | 34,0 1.339 | 44,0 1.732 | M16x1 | 4,5 | 1 | G6.3 | 1,5 3.310 | |
| C8-391.5603-16090 | 02753186 | C8 | 16,0 0.630 | 90,0 3.543 | 57,0 2.244 | 50,5 1.988 | 39,0 1.535 | 27,0 1.063 | 34,0 1.339 | 138,0 5.433 | 41,0 1.614 | 51,0 2.008 | M12x1 | 4,5 | 1 | G6.3 | 2,1 4.630 | |
| C8-391.5603-18090 | 02753187 | C8 | 18,0 0.709 | 90,0 3.543 | 57,0 2.244 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,0 1.654 | 138,0 5.433 | 41,0 1.614 | 51,0 2.008 | M12x1 | 4,5 | 1 | G6.3 | 2,4 5.290 | |
| C8-391.5603-20090 | 02753189 | C8 | 20,0 0.787 | 90,0 3.543 | 57,0 2.244 | 52,5 2.067 | 41,0 1.614 | 33,0 1.299 | 42,0 1.654 | 138,0 5.433 | 39,0 1.535 | 49,0 1.929 | M16x1 | 4,5 | 1 | G6.3 | 2,2 4.850 | |
| C8-391.5603-25090 | 02753190 | C8 | 25,0 0.984 | 90,0 3.543 | 57,0 2.244 | 58,5 2.303 | 47,0 1.850 | 44,0 1.732 | 53,0 2.087 | 138,0 5.433 | 33,0 1.299 | 43,0 1.693 | M16x1 | 4,5 | 1 | G6.3 | 2,4 5.290 | |
| C8-391.5603-32090 | 02753191 | C8 | 32,0 1.260 | 90,0 3.543 | 57,0 2.244 | 62,5 2.461 | 51,0 2.008 | 44,0 1.732 | 53,0 2.087 | 138,0 5.433 | 29,0 1.142 | 39,0 1.535 | M16x1 | 4,5 | 1 | G6.3 | 2,2 4.850 | |

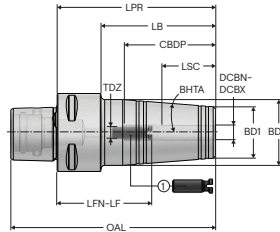
Spare Parts, included in delivery

| For | Stop screw |
|--------------------|------------|
| 6/ 0.236 | 19BDR05165 |
| 8/ 0.315 | 19BDR06165 |
| 10/ 0.394 | 19BDR08165 |
| 12-14/ 0.472-0.551 | 19BDR10165 |
| 16-18/ 0.630-0.709 | 19BDR12165 |
| 20-32/ 0.787-1.260 | 19BDR16165 |



| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

DIN type
– Inch




- Run-out ≤3 µm
- Delivered with one stop screw
- Without threads for balancing screws
- For ISO attribute explanation, see page 15

Spare parts:
1 = Stop screw

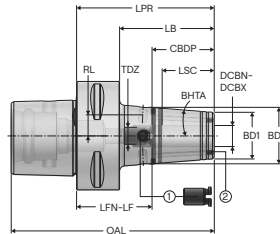
| BT JIS | Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|---------------------------------|--------------------|-------------|------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|-----------|--------|
| | | | | | | | | | | | | | | | | | | |
| CAT | C3-391.5603-025065 | 02753407 | C3 | 0.250 | 2.559 | 1.850 | 1.476 | 0.866 | 0.827 | 1.063 | 3.307 | 1.142 | 1.535 | M5x0.8 | 4,5 | 0 | G6.3 | 0.660 |
| | C3-391.5603-031065 | 02753409 | C3 | 0.3135 | 2.559 | 1.850 | 1.476 | 1.024 | 0.827 | 1.063 | 3.307 | 1.142 | 1.535 | M6x1 | 4,5 | 0 | G6.3 | 0.660 |
| | C3-391.5603-037070 | 02753410 | C3 | 0.375 | 2.756 | 2.165 | 1.673 | 1.220 | 0.945 | 1.260 | 3.504 | 1.142 | 1.535 | M8x1 | 4,5 | 0 | G6.3 | 0.880 |
| | C3-391.5603-050070 | 02753411 | C3 | 0.500 | 2.756 | 2.165 | 1.791 | 1.339 | 0.945 | 1.260 | 3.504 | 1.024 | 1.417 | M10x1 | 4,5 | 0 | G6.3 | 0.880 |
| Combimaster | C4-391.5603-025075 | 02753415 | C4 | 0.250 | 2.953 | 2.047 | 1.476 | 0.866 | 0.827 | 1.063 | 3.898 | 1.535 | 1.929 | M5x0.8 | 4,5 | 0 | G6.3 | 1.100 |
| | C4-391.5603-031075 | 02753418 | C4 | 0.3135 | 2.953 | 2.047 | 1.476 | 1.024 | 0.827 | 1.063 | 3.898 | 1.535 | 1.929 | M6x1 | 4,5 | 0 | G6.3 | 1.100 |
| | C4-391.5603-037075 | 02753419 | C4 | 0.375 | 2.953 | 2.047 | 1.673 | 1.220 | 0.945 | 1.260 | 3.898 | 1.339 | 1.732 | M8x1 | 4,5 | 0 | G6.3 | 1.320 |
| | C4-391.5603-050075 | 02753421 | C4 | 0.500 | 2.953 | 2.047 | 1.791 | 1.339 | 0.945 | 1.260 | 3.898 | 1.220 | 1.614 | M10x1 | 4,5 | 0 | G6.3 | 1.100 |
| Graflex | C4-391.5603-062080 | 02753422 | C4 | 0.625 | 3.150 | 2.244 | 1.988 | 1.535 | 1.063 | 1.339 | 4.094 | 1.220 | 1.614 | M12x1 | 4,5 | 0 | G6.3 | 1.320 |
| | C5-391.5603-025075 | 02753423 | C5 | 0.250 | 2.953 | 2.047 | 1.476 | 0.866 | 0.827 | 1.063 | 4.134 | 1.535 | 1.929 | M5x0.8 | 4,5 | 1 | G6.3 | 1.540 |
| | C5-391.5603-031075 | 02753424 | C5 | 0.3135 | 2.953 | 2.047 | 1.476 | 1.024 | 0.827 | 1.063 | 4.134 | 1.535 | 1.929 | M6x1 | 4,5 | 1 | G6.3 | 1.540 |
| | C5-391.5603-037075 | 02753425 | C5 | 0.375 | 2.953 | 2.047 | 1.673 | 1.220 | 0.945 | 1.260 | 4.134 | 1.339 | 1.732 | M8x1 | 4,5 | 1 | G6.3 | 1.540 |
| Seco Capto™ | C5-391.5603-050075 | 02753426 | C5 | 0.500 | 2.953 | 2.047 | 1.791 | 1.339 | 0.945 | 1.260 | 4.134 | 1.220 | 1.614 | M10x1 | 4,5 | 1 | G6.3 | 1.540 |
| | C5-391.5603-062080 | 02753428 | C5 | 0.625 | 3.150 | 2.244 | 1.988 | 1.535 | 1.063 | 1.339 | 4.331 | 1.220 | 1.614 | M12x1 | 4,5 | 1 | G6.3 | 1.760 |
| | C5-391.5603-075085 | 02753429 | C5 | 0.750 | 3.346 | 2.441 | 2.067 | 1.614 | 1.299 | 1.654 | 4.528 | 1.339 | 1.732 | M16x1 | 4,5 | 1 | G6.3 | 1.980 |
| | C5-391.5603-100090 | 02753430 | C5 | 1.000 | 3.543 | 2.756 | 2.303 | 1.850 | 1.732 | 2.087 | 4.724 | 1.299 | 1.693 | M16x1 | 4,5 | 1 | G6.3 | 2.870 |
| Others | C5-391.5603-125090 | 02753431 | C5 | 1.250 | 3.543 | 2.756 | 2.461 | 2.008 | 1.732 | 2.087 | 4.724 | 1.142 | 1.535 | M16x1 | 4,5 | 1 | G6.3 | 2.430 |
| | C6-391.5603-025075 | 02753432 | C6 | 0.250 | 2.953 | 1.969 | 1.476 | 0.866 | 0.827 | 1.063 | 4.449 | 1.535 | 1.929 | M5x0.8 | 4,5 | 1 | G6.3 | 2.200 |
| | C6-391.5603-031075 | 02753433 | C6 | 0.3135 | 2.953 | 1.969 | 1.476 | 1.024 | 0.827 | 1.063 | 4.449 | 1.535 | 1.929 | M6x1 | 4,5 | 1 | G6.3 | 2.200 |
| | C6-391.5603-037080 | 02753434 | C6 | 0.375 | 3.150 | 2.165 | 1.673 | 1.220 | 0.945 | 1.260 | 4.646 | 1.535 | 1.929 | M8x1 | 4,5 | 1 | G6.3 | 2.430 |
| Operating & setting accessories | C6-391.5603-050080 | 02753435 | C6 | 0.500 | 3.150 | 2.165 | 1.791 | 1.339 | 0.945 | 1.260 | 4.646 | 1.417 | 1.811 | M10x1 | 4,5 | 1 | G6.3 | 2.430 |
| | C6-391.5603-062085 | 02753436 | C6 | 0.625 | 3.346 | 2.362 | 1.988 | 1.535 | 1.063 | 1.339 | 4.843 | 1.417 | 1.811 | M12x1 | 4,5 | 1 | G6.3 | 2.430 |
| | C6-391.5603-075085 | 02753437 | C6 | 0.750 | 3.346 | 2.362 | 2.067 | 1.614 | 1.299 | 1.654 | 4.843 | 1.339 | 1.732 | M16x1 | 4,5 | 1 | G6.3 | 2.650 |
| | C6-391.5603-100090 | 02753439 | C6 | 1.000 | 3.543 | 2.559 | 2.303 | 1.850 | 1.732 | 2.087 | 5.039 | 1.299 | 1.693 | M16x1 | 4,5 | 1 | G6.3 | 3.530 |
| Shrinkfit | C6-391.5603-125095 | 02753440 | C6 | 1.250 | 3.740 | 2.756 | 2.461 | 2.008 | 1.732 | 2.087 | 5.236 | 1.339 | 1.732 | M16x1 | 4,5 | 1 | G6.3 | 3.310 |
| | C8-391.5603-062090 | 02753441 | C8 | 0.625 | 3.543 | 2.244 | 1.988 | 1.535 | 1.063 | 1.339 | 5.433 | 1.614 | 2.008 | M12x1 | 4,5 | 1 | G6.3 | 4.630 |
| | C8-391.5603-075095 | 02753442 | C8 | 0.750 | 3.740 | 2.441 | 2.067 | 1.614 | 1.299 | 1.654 | 5.630 | 1.732 | 2.126 | M16x1 | 4,5 | 1 | G6.3 | 4.850 |
| | C8-391.5603-100095 | 02753443 | C8 | 1.000 | 3.740 | 2.441 | 2.303 | 1.850 | 1.732 | 2.087 | 5.630 | 1.496 | 1.890 | M16x1 | 4,5 | 1 | G6.3 | 5.510 |
| | C8-391.5603-125095 | 02753445 | C8 | 1.250 | 3.740 | 2.441 | 2.461 | 2.008 | 1.732 | 2.087 | 5.630 | 1.339 | 1.732 | M16x1 | 4,5 | 1 | G6.3 | 5.290 |

Accessories

| For | Stop screw | |
|-------|---|--|
| |  | |
| 0.250 | 19BDR05165 | |
| 0.313 | 19BDR06165 | |
| 0.375 | 19BDR08165 | |
| 0.500 | 19BDR10165 | |
| 0.625 | 19BDR12165 | |
| 0.750 | 19BDR16165 | |
| 1.000 | 19BDR16165 | |
| 1.250 | 19BDR16165 | |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

Reinforced type
– Metric/ Inch




- Run-out ≤3 µm
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For ISO attribute explanation, see page 15



Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | | LPR* | LB | CDBP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------------|-------------|------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|-------|-----|-------|-----------|--------------|--------|
| | | | mm | inch | | | | | | | | | | | | | | | |
| C6-391.5600-12080 | 02904834 | C6 | 12,0 0.472 | 80,0 3.150 | 55,0 2.165 | 47,5 1.870 | 34,0 1.339 | 27,0 1.063 | 35,2 1.385 | 118,0 4.646 | 34,0 1.339 | 44,0 1.732 | 13,5 0.531 | M10x1 | 4,5 | 1 | G6.3 | 1,2 2.650 | |
| C6-391.5600-16085 | 02904835 | C6 | 16,0 0.630 | 85,0 3.346 | 60,0 2.362 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 123,0 4.843 | 36,0 1.417 | 46,0 1.811 | 17,0 0.669 | M12x1 | 4,5 | 1 | G6.3 | 1,3 2.870 | |
| C6-391.5600-20085 | 02904836 | C6 | 20,0 0.787 | 85,0 3.346 | 60,0 2.362 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 123,0 4.843 | 34,0 1.339 | 44,0 1.732 | 21,5 0.846 | M16x1 | 4,5 | 1 | G6.3 | 1,6 3.530 | |
| C6-391.5600-25090 | 02904837 | C6 | 25,0 0.984 | 90,0 3.543 | 65,0 2.559 | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | 128,0 5.039 | 33,0 1.299 | 43,0 1.693 | 25,0 0.984 | M16x1 | 4,5 | 1 | G6.3 | 1,7 3.750 | |
| C8-391.5600-16095 | 02904838 | C8 | 16,0 0.630 | 95,0 3.740 | 62,0 2.441 | 50,5 1.988 | 39,0 1.535 | 33,0 1.299 | 42,1 1.659 | 143,0 5.630 | 46,0 1.811 | 56,0 2.205 | 17,0 0.669 | M12x1 | 4,5 | 1 | G6.3 | 2,3 5.070 | |
| C8-391.5600-20095 | 02904839 | C8 | 20,0 0.787 | 95,0 3.740 | 62,0 2.441 | 52,5 2.067 | 41,0 1.614 | 44,0 1.732 | 53,1 2.092 | 143,0 5.630 | 44,0 1.732 | 54,0 2.126 | 21,5 0.846 | M16x1 | 4,5 | 1 | G6.3 | 2,6 5.730 | |
| C8-391.5600-25100 | 02904840 | C8 | 25,0 0.984 | 100,0 3.937 | 67,0 2.638 | 58,5 2.303 | 47,0 1.850 | 48,0 1.890 | 57,1 2.249 | 148,0 5.827 | 43,0 1.693 | 53,0 2.087 | 25,0 0.984 | M16x1 | 4,5 | 1 | G6.3 | 2,8 6.170 | |

Accessories

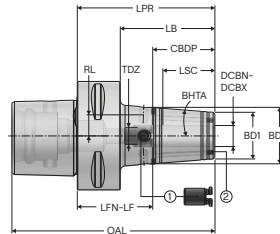
| | |
|-----|---|
| For | Balancing screws |
| |  |
| All | 90ZQ01 |

Spare Parts, included in delivery

| | | |
|--------------------|---|---|
| For | Sealing plugs | Stop screw |
| |  |  |
| 12/ 0.472 | 90AI03 | 19BDR10165 |
| 16/ 0.630 | 90AI03 | 19BDR12165 |
| 20-25/ 0.787-0.984 | 90AI04 | 19BDR16165 |

Reinforced type
- Inch

Seco Capto™ / ISO 26623-1




- Run-out $\leq 3 \mu\text{m}$
- With coolant supply channels towards the tool (plugged)
- Delivered with one stop screw
- For ISO attribute explanation, see page 15



Spare parts:
1 = Stop screw
2 = Sealing plugs

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | CBDP | LSC | BD1 | BD2 | OAL | LFN | LF | RL | TDZ | BHTA° | RFID hole | Balancing | Weight |
|--------------------|-------------|------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| C6-391.5600-050312 | 02904863 | C6 | 0.500 | 3.125 | 2.141 | 1.870 | 1.339 | 1.063 | 1.385 | 4.621 | 1.314 | 1.708 | 0.531 | M10x1 | 4,5 | 1 | G6.3 | 2.430 |
| C6-391.5600-062337 | 02904864 | C6 | 0.625 | 3.375 | 2.391 | 1.988 | 1.535 | 1.299 | 1.659 | 4.871 | 1.446 | 1.840 | 0.669 | M12x1 | 4,5 | 1 | G6.3 | 2.870 |
| C6-391.5600-075337 | 02904865 | C6 | 0.750 | 3.375 | 2.391 | 2.067 | 1.614 | 1.732 | 2.092 | 4.871 | 1.367 | 1.761 | 0.846 | M16x1 | 4,5 | 1 | G6.3 | 3.530 |
| C8-391.5600-075375 | 02904866 | C8 | 0.750 | 3.750 | 2.451 | 2.067 | 1.614 | 1.732 | 2.092 | 5.640 | 1.742 | 2.136 | 0.846 | M16x1 | 4,5 | 1 | G6.3 | 5.730 |
| C8-391.5600-100400 | 02904867 | C8 | 1.000 | 4.000 | 2.701 | 2.303 | 1.850 | 1.890 | 2.249 | 5.890 | 1.756 | 2.150 | 0.984 | M16x1 | 4,5 | 1 | G6.3 | 6.170 |
| C8-391.5600-125400 | 02904868 | C8 | 1.250 | 4.000 | 2.701 | 2.461 | 2.008 | 1.890 | 2.249 | 5.890 | 1.598 | 1.992 | 0.984 | M16x1 | 4,5 | 1 | G6.3 | 5.730 |

Accessories

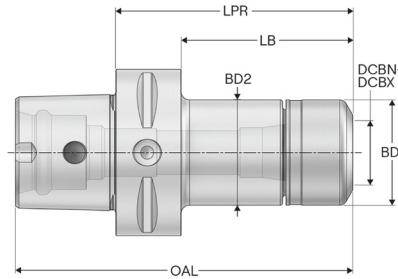
| For | Balancing screws |
|-------------|---|
| |  |
| 0.500 | 90ZQ01 |
| 0.625 | 90ZQ01 |
| 0.750-1.250 | 90ZQ01 |

Spare Parts, included in delivery

| For | Sealing plugs | Stop screw |
|-------------|---|---|
| |  |  |
| 0.500 | 90AI03 | 19BDR10165 |
| 0.625 | 90AI03 | 19BDR12165 |
| 0.750-1.250 | 90AI04 | 19BDR16165 |

Guide
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Operating & setting accessories
Shrinkfit

– Metric/ Inch






–Run-out 3 µm maximum at 3 x ØDCBN-DCBX
 –For ER HP collets type 5672, see page(s) 389, 390, 391-397
 –For stop screws, see instructions at www.secotools.com
 –For ISO attribute explanation, see page 15


| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD1 | BD2 | OAL | LB | RFID hole | Balancing | Weight |
|----------------|-------------|------|--------------|---------------|--------|----------------|---------------|---------------|----------------|----------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| C3-ERHP11R-045 | 10358848 | C3 | 1,0 0.039 | 7,0 0.276 | HP 11R | 45,0 1.772 | 16,0 0.630 | 16,0 0.630 | 64,0 2.520 | 27,0 1.063 | 0 | G6.3 | 0,2 0.440 |
| C3-ERHP16R-045 | 10358849 | C3 | 1,0 0.039 | 10,0 0.394 | HP 16R | 45,0 1.772 | 22,0 0.866 | 22,0 0.866 | 64,0 2.520 | 27,0 1.063 | 0 | G6.3 | 0,2 0.440 |
| C4-ERHP11R-045 | 10358850 | C4 | 1,0 0.039 | 7,0 0.276 | HP 11R | 45,0 1.772 | 16,0 0.630 | 16,0 0.630 | 69,0 2.717 | 22,0 0.866 | 0 | G6.3 | 0,3 0.660 |
| C4-ERHP16R-055 | 10358851 | C4 | 1,0 0.039 | 10,0 0.394 | HP 16R | 55,0 2.165 | 22,0 0.866 | 22,0 0.866 | 79,0 3.110 | 32,0 1.260 | 0 | G6.3 | 0,4 0.880 |
| C4-ERHP20-055 | 10358852 | C4 | 1,0 0.039 | 13,0 0.512 | HP 20 | 55,0 2.165 | 32,0 1.260 | 32,0 1.260 | 79,0 3.110 | 32,0 1.260 | 0 | G6.3 | 0,4 0.880 |
| C5-ERHP16-065 | 10358853 | C5 | 1,0 0.039 | 10,0 0.394 | HP 16 | 65,0 2.559 | 30,0 1.181 | 30,0 1.181 | 95,0 3.740 | 42,0 1.654 | 1 | G6.3 | 0,7 1.540 |
| C5-ERHP16-100 | 10358854 | C5 | 1,0 0.039 | 10,0 0.394 | HP 16 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 130,0 5.118 | 77,0 3.031 | 1 | G6.3 | 2,6 5.730 |
| C5-ERHP20-085 | 10358855 | C5 | 1,0 0.039 | 13,0 0.512 | HP 20 | 85,0 3.346 | 32,0 1.260 | 32,0 1.260 | 115,0 4.528 | 62,0 2.441 | 1 | G6.3 | 0,8 1.760 |
| C5-ERHP20-130 | 10358856 | C5 | 1,0 0.039 | 13,0 0.512 | HP 20 | 130,0 5.118 | 32,0 1.260 | 32,0 1.260 | 160,0 6.299 | 107,0 4.213 | 1 | G6.3 | 1,0 2.200 |
| C5-ERHP25-085 | 10358857 | C5 | 1,0 0.039 | 16,0 0.630 | HP 25 | 85,0 3.346 | 40,0 1.575 | 40,0 1.575 | 115,0 4.528 | 62,0 2.441 | 1 | G6.3 | 0,9 1.980 |
| C5-ERHP25-130 | 10358858 | C5 | 1,0 0.039 | 16,0 0.630 | HP 25 | 130,0 5.118 | 40,0 1.575 | 40,0 1.575 | 160,0 6.299 | 107,0 4.213 | 1 | G6.3 | 1,3 2.870 |
| C5-ERHP32-085 | 10358859 | C5 | 2,0 0.079 | 20,0 0.787 | HP 32 | 85,0 3.346 | 50,0 1.969 | 50,0 1.969 | 115,0 4.528 | 62,0 2.441 | 1 | G6.3 | 1,1 2.430 |
| C5-ERHP32-130 | 10358860 | C5 | 2,0 0.079 | 20,0 0.787 | HP 32 | 130,0 5.118 | 50,0 1.969 | 50,0 1.969 | 160,0 6.299 | 107,0 4.213 | 1 | G6.3 | 1,7 3.750 |
| C6-ERHP11R-050 | 10358861 | C6 | 1,0 0.039 | 7,0 0.276 | HP 11R | 50,0 1.969 | 16,0 0.630 | 16,0 0.630 | 88,0 3.465 | 25,0 0.984 | 1 | G6.3 | 0,9 1.980 |
| C6-ERHP16-076 | 10358862 | C6 | 1,0 0.039 | 10,0 0.394 | HP 16 | 76,0 2.992 | 30,0 1.181 | 30,0 1.181 | 114,0 4.488 | 51,0 2.008 | 1 | G6.3 | 1,1 2.430 |
| C6-ERHP16-100 | 10358863 | C6 | 1,0 0.039 | 10,0 0.394 | HP 16 | 100,0 3.937 | 30,0 1.181 | 30,0 1.181 | 138,0 5.433 | 75,0 2.953 | 1 | G6.3 | 1,2 2.650 |
| C6-ERHP16-130 | 10358864 | C6 | 1,0 0.039 | 10,0 0.394 | HP 16 | 130,0 5.118 | 30,0 1.181 | 30,0 1.181 | 168,0 6.614 | 105,0 4.134 | 1 | G6.3 | 1,3 2.870 |
| C6-ERHP20-076 | 10358865 | C6 | 1,0 0.039 | 13,0 0.512 | HP 20 | 76,0 2.992 | 32,0 1.260 | 32,0 1.260 | 114,0 4.488 | 51,0 2.008 | 1 | G6.3 | 1,1 2.430 |
| C6-ERHP20-130 | 10358866 | C6 | 1,0 0.039 | 13,0 0.512 | HP 20 | 130,0 5.118 | 32,0 1.260 | 32,0 1.260 | 168,0 6.614 | 105,0 4.134 | 1 | G6.3 | 1,4 3.090 |
| C6-ERHP25-090 | 10358867 | C6 | 1,0 0.039 | 16,0 0.630 | HP 25 | 90,0 3.543 | 40,0 1.575 | 40,0 1.575 | 128,0 5.039 | 65,0 2.559 | 1 | G6.3 | 1,3 2.870 |
| C6-ERHP25-130 | 10358868 | C6 | 1,0 0.039 | 16,0 0.630 | HP 25 | 130,0 5.118 | 40,0 1.575 | 40,0 1.575 | 168,0 6.614 | 105,0 4.134 | 1 | G6.3 | 1,6 3.530 |
| C6-ERHP25-160 | 10358869 | C6 | 1,0 0.039 | 16,0 0.630 | HP 25 | 160,0 6.299 | 40,0 1.575 | 40,0 1.575 | 198,0 7.795 | 135,0 5.315 | 1 | G6.3 | 1,8 3.970 |

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD1 | BD2 | OAL | LB | RFID hole | Balancing | Weight |
|---------------|-------------|------|--------------|---------------|-------|----------------|---------------|---------------|----------------|----------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| C6-ERHP32-100 | 10358870 | C6 | 2,0 0.079 | 20,0 0.787 | HP 32 | 100,0 3.937 | 50,0 1.969 | 50,0 1.969 | 138,0 5.433 | 75,0 2.953 | 1 | G6.3 | 1,7 3.750 |
| C6-ERHP32-130 | 10358871 | C6 | 2,0 0.079 | 20,0 0.787 | HP 32 | 130,0 5.118 | 50,0 1.969 | 50,0 1.969 | 168,0 6.614 | 105,0 4.134 | 1 | G6.3 | 2,3 5.070 |
| C6-ERHP32-160 | 10358872 | C6 | 2,0 0.079 | 20,0 0.787 | HP 32 | 160,0 6.299 | 50,0 1.969 | 50,0 1.969 | 198,0 7.795 | 135,0 5.315 | 1 | G6.3 | 2,4 5.290 |
| C8-ERHP25-100 | 10358873 | C8 | 1,0 0.039 | 16,0 0.630 | HP 25 | 100,0 3.937 | 40,0 1.575 | 40,0 1.575 | 148,0 5.827 | 67,0 2.638 | 1 | G6.3 | 2,3 5.070 |
| C8-ERHP32-100 | 10358874 | C8 | 2,0 0.079 | 20,0 0.787 | HP 32 | 100,0 3.937 | 50,0 1.969 | 50,0 1.969 | 148,0 5.827 | 67,0 2.638 | 1 | G6.3 | 2,5 5.510 |

Accessories

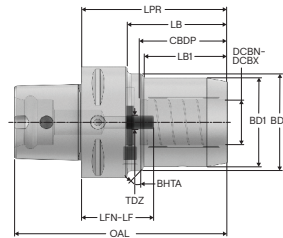
| For | Key | Socket | Torque key |
|---------|---|---|---|
| |  |  |  |
| ERHP11R | 03LME0912140 | 03ER016 | 03DYE003025 |
| ERHP16R | 03LME0912140 | 03ER022 | 03DYE010050 |
| ERHP16 | 03LME1418260 | 03ER030B | 03DYE010100B |
| ERHP20 | 03LME1418260 | 03ER032B | 03DYE010100B |
| ERHP25 | 03LME1418260 | 03ER040 | 03DYE010100B |
| ERHP32 | 03LME1418370 | 03ER050 | 03DYE040200 |

Spare Parts, included in delivery

| For | Nut |
|---------|---|
| |  |
| ERHP11R | 08B567211RC |
| ERHP16R | 08B567216RC |
| ERHP16 | 08B567216C |
| ERHP20 | 08B567220C |
| ERHP25 | 08B567225C |
| ERHP32 | 08B567232C |

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BT JIS
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Combimaster
Graflex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit


Conventional type
– Metric/ Inch



–Run-out ≤3 μm
–For ISO attribute explanation, see page 15

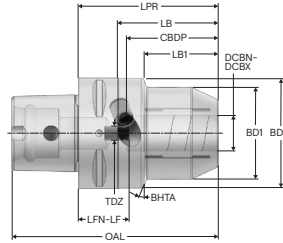
| Designation | Item number | CTMS | DCBN-DCBX | | LPR | LB | LB1 | CDBP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|-------------|-------------|------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------|------|-------|-----------|--------------|--------|
| | | | mm inch | mm inch | | | | | | | | | | | | | | |
| C5-HC06-065 | 10137305 | C5 | 6,0 0.236 | 65,0 2.559 | 45,0 1.772 | 23,0 0.906 | 38,0 1.496 | 50,0 1.969 | 26,0 1.024 | 95,0 3.740 | 27,0 1.063 | 37,0 1.457 | M5x0.8 | 30,0 | 1 | – | 0,8 1.760 | |
| C5-HC08-065 | 10137306 | C5 | 8,0 0.315 | 65,0 2.559 | 45,0 1.772 | 24,0 0.945 | 38,0 1.496 | 50,0 1.969 | 28,0 1.102 | 95,0 3.740 | 27,0 1.063 | 37,0 1.457 | M5x0.8 | 30,0 | 1 | – | 0,8 1.760 | |
| C5-HC10-075 | 10137307 | C5 | 10,0 0.394 | 75,0 2.953 | 55,0 2.165 | 34,0 1.339 | 42,0 1.654 | 50,0 1.969 | 30,0 1.181 | 105,0 4.134 | 33,0 1.299 | 43,0 1.693 | M8x1.25 | 30,0 | 1 | – | 0,9 1.980 | |
| C5-HC12-080 | 10137308 | C5 | 12,0 0.472 | 80,0 3.150 | 60,0 2.362 | 40,0 1.575 | 47,0 1.850 | 50,0 1.969 | 32,0 1.260 | 110,0 4.331 | 33,0 1.299 | 43,0 1.693 | M10x1.5 | 30,0 | 1 | – | 0,9 1.980 | |
| C5-HC16-085 | 10137309 | C5 | 16,0 0.630 | 85,0 3.346 | 65,0 2.559 | 46,0 1.811 | 50,0 1.969 | 50,0 1.969 | 38,0 1.496 | 115,0 4.528 | 35,0 1.378 | 45,0 1.772 | M10x1.5 | 30,0 | 1 | – | 1,0 2.200 | |
| C5-HC20-085 | 10137310 | C5 | 20,0 0.787 | 85,0 3.346 | 65,0 2.559 | 47,0 1.850 | 52,0 2.047 | 50,0 1.969 | 42,0 1.654 | 115,0 4.528 | 33,0 1.299 | 43,0 1.693 | M10x1.5 | 30,0 | 1 | – | 1,1 2.430 | |
| C5-HC25-095 | 10137311 | C5 | 25,0 0.984 | 95,0 3.740 | 75,0 2.953 | – | 58,0 2.283 | – | 58,0 2.283 | 125,0 4.921 | 37,0 1.457 | 47,0 1.850 | M10x1.5 | – | 1 | – | 1,7 3.750 | |
| C6-HC06-065 | 10137312 | C6 | 6,0 0.236 | 65,0 2.559 | 40,0 1.575 | 23,0 0.906 | 38,0 1.496 | 50,0 1.969 | 26,0 1.024 | 103,0 4.055 | 27,0 1.063 | 37,0 1.457 | M5x0.8 | 30,0 | 1 | – | 1,2 2.650 | |
| C6-HC08-065 | 10137313 | C6 | 8,0 0.315 | 65,0 2.559 | 40,0 1.575 | 24,0 0.945 | 38,0 1.496 | 50,0 1.969 | 28,0 1.102 | 103,0 4.055 | 27,0 1.063 | 37,0 1.457 | M5x0.8 | 30,0 | 1 | – | 1,2 2.650 | |
| C6-HC10-075 | 10137314 | C6 | 10,0 0.394 | 75,0 2.953 | 50,0 1.969 | 34,0 1.339 | 42,0 1.654 | 50,0 1.969 | 30,0 1.181 | 113,0 4.449 | 33,0 1.299 | 43,0 1.693 | M8x1.25 | 30,0 | 1 | – | 1,2 2.650 | |
| C6-HC12-080 | 10137315 | C6 | 12,0 0.472 | 80,0 3.150 | 55,0 2.165 | 40,0 1.575 | 47,0 1.850 | 50,0 1.969 | 32,0 1.260 | 118,0 4.646 | 33,0 1.299 | 43,0 1.693 | M10x1.5 | 30,0 | 1 | – | 1,2 2.650 | |
| C6-HC16-085 | 10137316 | C6 | 16,0 0.630 | 85,0 3.346 | 60,0 2.362 | 46,0 1.811 | 50,0 1.969 | 50,0 1.969 | 38,0 1.496 | 123,0 4.843 | 35,0 1.378 | 45,0 1.772 | M10x1.5 | 30,0 | 1 | – | 1,4 3.090 | |
| C6-HC20-085 | 10137317 | C6 | 20,0 0.787 | 85,0 3.346 | 60,0 2.362 | 47,0 1.850 | 52,0 2.047 | 50,0 1.969 | 42,0 1.654 | 123,0 4.843 | 33,0 1.299 | 43,0 1.693 | M10x1.5 | 30,0 | 1 | – | 1,4 3.090 | |
| C6-HC25-095 | 10137318 | C6 | 25,0 0.984 | 95,0 3.740 | 70,0 2.756 | – | 58,0 2.283 | – | 58,0 2.283 | 133,0 5.236 | 37,0 1.457 | 47,0 1.850 | – | – | 1 | – | 2,0 4.410 | |
| C6-HC32-100 | 10137319 | C6 | 32,0 1.260 | 100,0 3.937 | 78,0 3.071 | – | 63,0 2.480 | – | 64,0 2.520 | 138,0 5.433 | 37,0 1.457 | 47,0 1.850 | M10x1.5 | – | 1 | – | 2,3 5.070 | |
| C8-HC20-095 | 10137320 | C8 | 20,0 0.787 | 95,0 3.740 | 62,0 2.441 | 47,0 1.850 | 52,0 2.047 | 50,0 1.969 | 42,0 1.654 | 143,0 5.630 | 43,0 1.693 | 53,0 2.087 | M10x1.5 | 30,0 | 1 | – | 2,4 5.290 | |
| C8-HC32-105 | 10137321 | C8 | 32,0 1.260 | 105,0 4.134 | 72,0 2.835 | 60,0 2.362 | 63,0 2.480 | 70,0 2.756 | 64,0 2.520 | 153,0 6.024 | 42,0 1.654 | 52,0 2.047 | M10x1.5 | 30,0 | 1 | G6.3 | 3,3 7.280 | |

Accessories

| | | |
|---------------------------------|-----|---|
| Operating & setting accessories | For | Key |
| | |  |
| Shrinkfit | All | 03MS04C |

Reinforced type
– Metric/ Inch


Seco Capto™



- Run-out $\leq 3 \mu\text{m}$
- For reduction sleeves, see page(s) 381, 382
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LPR | LB | LB1 | CBDP | BD2 | BD1 | OAL | LFN | LF | TDZ | BHTA° | RFID hole | Balancing | Weight |
|--------------|-------------|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|------|-------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| C6-HCR12-075 | 10137146 | C6 | 12,0 0.472 | 75,0 2.953 | 53,0 2.087 | 33,0 1.299 | 47,5 1.870 | 62,5 2.461 | 42,0 1.654 | 113,0 4.449 | 29,0 1.142 | 39,0 1.535 | M8x1 | 20,0 | 0 | G2.5 | 1,5 3.310 |
| C6-HCR20-080 | 10137147 | C6 | 20,0 0.787 | 80,0 3.150 | 57,4 2.260 | 41,0 1.614 | 52,5 2.067 | 62,5 2.461 | 52,5 2.067 | 118,0 4.646 | 29,0 1.142 | 39,0 1.535 | M8x1 | 20,0 | 0 | G2.5 | 1,7 3.750 |

Accessories

| For | Key |
|-----|--|
| All |  H05-4 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

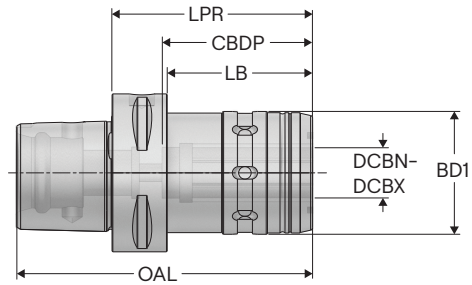
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

– Metric/ Inch



–For reduction sleeves, see page(s) 385–386
–For ‘Stop screws for through coolant’, see page(s) 387–388
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | | OAL | LPR | LB | CBDP | BD1 | RFID hole | Balancing | Weight |
|--------------|-------------|------|-------------------|-------------------|----------------|---------------|---------------|---------------|-----|-----------|--------------|--------|
| | | | mm <i>inch</i> | mm <i>inch</i> | | | | | | | | |
| C6-PMC20-080 | 03211193 | C6 | 20,0 0.787 | 118,0 4.646 | 80,0 3.150 | 58,0 2.283 | 60,0 2.362 | 49,0 1.929 | 1 | PB | 1,4 3.090 | |
| C6-PMC32-100 | 03211194 | C6 | 32,0 1.260 | 138,0 5.433 | 100,0 3.937 | 78,0 3.071 | 80,0 3.150 | 67,0 2.638 | 1 | PB | 2,2 4.850 | |
| C8-PMC20-080 | 03211195 | C8 | 20,0 0.787 | 128,0 5.039 | 80,0 3.150 | 50,0 1.969 | 60,0 2.362 | 49,0 1.929 | 1 | PB | 2,3 5.070 | |
| C8-PMC32-100 | 03211196 | C8 | 32,0 1.260 | 148,0 5.827 | 100,0 3.937 | 70,0 2.756 | 80,0 3.150 | 67,0 2.638 | 1 | PB | 3,0 6.610 | |

Accessories

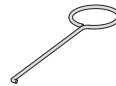
For **Spanner**



| | |
|-----------|----------|
| 20/ 0.787 | 03BPMC20 |
| 32/ 1.260 | 03BPMC32 |

Spare Parts, included in delivery

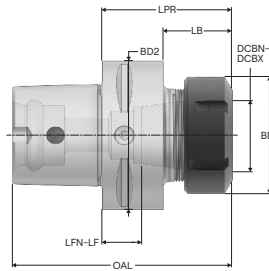
For **Extractor for reduction sleeves**



| | |
|-----------|----------|
| 20/ 0.787 | 03EXTPMC |
| 32/ 1.260 | 03EXTPMC |

ISO 15488
– Metric/ Inch

Seco Capto™




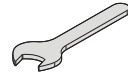
- Run-out 15 µm/ .0006" maximum at 3 x ØDCBN-DCBX
- For ER extensions and ER collets, see page(s) 362, 363, 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN | DCBX | CTWS | LPR | BD2 | BD1 | OAL | LB | LFN | LF | RFID hole | Balancing | Weight |
|-------------|-------------|------|--------------|---------------|-------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|-----------|-----------|--------------|
| | | | mm inch | mm inch | | | | | | | | | | | |
| C3-ER16-045 | 10229708 | C3 | 0,5 0.020 | 10,0 0.394 | ER 16 | 45,0 1.772 | 32,0 1.260 | 28,0 1.102 | 64,0 2.520 | 27,0 1.063 | 6,0 0.236 | 13,0 0.512 | 0 | G6.3 | 0,3 0.660 |
| C4-ER16-070 | 10229709 | C4 | 0,5 0.020 | 10,0 0.394 | ER 16 | 70,0 2.756 | 28,0 1.102 | 28,0 1.102 | 94,0 3.701 | 47,0 1.850 | 26,0 1.024 | 38,0 1.496 | 0 | G6.3 | 0,5 1.100 |
| C4-ER20-052 | 10229710 | C4 | 1,0 0.039 | 13,0 0.512 | ER 20 | 52,0 2.047 | 40,0 1.575 | 34,0 1.339 | 76,0 2.992 | 29,0 1.142 | 6,0 0.236 | 18,0 0.709 | 0 | G6.3 | 0,4 0.880 |
| C4-ER25-052 | 10229711 | C4 | 1,0 0.039 | 16,0 0.630 | ER 25 | 52,0 2.047 | 40,0 1.575 | 42,0 1.654 | 76,0 2.992 | 29,0 1.142 | 6,0 0.236 | 14,0 0.551 | 0 | G6.3 | 0,4 0.880 |
| C4-ER32-054 | 10229712 | C4 | 2,0 0.079 | 20,0 0.787 | ER 32 | 54,0 2.126 | 40,0 1.575 | 50,0 1.969 | 78,0 3.071 | 34,0 1.339 | 7,0 0.276 | 14,0 0.551 | 0 | G6.3 | 0,5 1.100 |
| C5-ER16-100 | 10229713 | C5 | 0,5 0.020 | 10,0 0.394 | ER 16 | 100,0 3.937 | 28,0 1.102 | 28,0 1.102 | 130,0 5.118 | 77,0 3.031 | 53,0 2.087 | 68,0 2.677 | 1 | G6.3 | 0,8 1.760 |
| C5-ER20-055 | 10229714 | C5 | 1,0 0.039 | 13,0 0.512 | ER 20 | 55,0 2.165 | 34,0 1.339 | 34,0 1.339 | 85,0 3.346 | 32,0 1.260 | 7,0 0.276 | 21,0 0.827 | 1 | G6.3 | 0,6 1.320 |
| C5-ER25-055 | 10229715 | C5 | 1,0 0.039 | 16,0 0.630 | ER 25 | 55,0 2.165 | 42,0 1.654 | 42,0 1.654 | 85,0 3.346 | 32,0 1.260 | 7,0 0.276 | 17,0 0.669 | 1 | G6.3 | 0,7 1.540 |
| C5-ER25-100 | 10229716 | C5 | 1,0 0.039 | 16,0 0.630 | ER 25 | 100,0 3.937 | 42,0 1.654 | 42,0 1.654 | 130,0 5.118 | 77,0 3.031 | 42,0 1.654 | 62,0 2.441 | 1 | G6.3 | 1,1 2.430 |
| C5-ER32-057 | 10229717 | C5 | 2,0 0.079 | 20,0 0.787 | ER 32 | 57,0 2.244 | 50,0 1.969 | 50,0 1.969 | 87,0 3.425 | 34,0 1.339 | 7,0 0.276 | 17,0 0.669 | 1 | G6.3 | 0,7 1.540 |
| C5-ER32-100 | 10229718 | C5 | 2,0 0.079 | 20,0 0.787 | ER 32 | 100,0 3.937 | 50,0 1.969 | 50,0 1.969 | 130,0 5.118 | 80,0 3.150 | 40,0 1.575 | 60,0 2.362 | 1 | G6.3 | 1,3 2.870 |
| C6-ER16-060 | 10229719 | C6 | 0,5 0.020 | 10,0 0.394 | ER 16 | 60,0 2.362 | 28,0 1.102 | 28,0 1.102 | 98,0 3.858 | 35,0 1.378 | 9,0 0.354 | 28,0 1.102 | 1 | G6.3 | 1,0 2.200 |
| C6-ER16-100 | 10229720 | C6 | 0,5 0.020 | 10,0 0.394 | ER 16 | 100,0 3.937 | 28,0 1.102 | 28,0 1.102 | 138,0 5.433 | 75,0 2.953 | 53,0 2.087 | 68,0 2.677 | 1 | G6.3 | 1,1 2.430 |
| C6-ER16-130 | 10229721 | C6 | 0,5 0.020 | 10,0 0.394 | ER 16 | 130,0 5.118 | 28,0 1.102 | 28,0 1.102 | 168,0 6.614 | 105,0 4.134 | 83,0 3.268 | 98,0 3.858 | 1 | G6.3 | 1,3 2.870 |
| C6-ER16-160 | 10229722 | C6 | 0,5 0.020 | 10,0 0.394 | ER 16 | 160,0 6.299 | 28,0 1.102 | 28,0 1.102 | 198,0 7.795 | 135,0 5.315 | 113,0 4.449 | 128,0 5.039 | 1 | G6.3 | 1,4 3.090 |
| C6-ER20-060 | 10229723 | C6 | 1,0 0.039 | 13,0 0.512 | ER 20 | 60,0 2.362 | 34,0 1.339 | 34,0 1.339 | 98,0 3.858 | 35,0 1.378 | 9,0 0.354 | 26,0 1.024 | 1 | G6.3 | 1,0 2.200 |
| C6-ER20-100 | 10229724 | C6 | 1,0 0.039 | 13,0 0.512 | ER 20 | 100,0 3.937 | 34,0 1.339 | 34,0 1.339 | 138,0 5.433 | 75,0 2.953 | 51,0 2.008 | 66,0 2.598 | 1 | G6.3 | 1,3 2.870 |
| C6-ER20-160 | 10229725 | C6 | 1,0 0.039 | 13,0 0.512 | ER 20 | 160,0 6.299 | 34,0 1.339 | 34,0 1.339 | 198,0 7.795 | 135,0 5.315 | 111,0 4.370 | 126,0 4.961 | 1 | G6.3 | 1,7 3.750 |
| C6-ER25-060 | 10229726 | C6 | 1,0 0.039 | 16,0 0.630 | ER 25 | 60,0 2.362 | 42,0 1.654 | 42,0 1.654 | 98,0 3.858 | 35,0 1.378 | 9,0 0.354 | 22,0 0.866 | 1 | G6.3 | 1,0 2.200 |
| C6-ER25-100 | 10229727 | C6 | 1,0 0.039 | 16,0 0.630 | ER 25 | 100,0 3.937 | 42,0 1.654 | 42,0 1.654 | 138,0 5.433 | 75,0 2.953 | 42,0 1.654 | 62,0 2.441 | 1 | G6.3 | 1,4 3.090 |
| C6-ER25-130 | 10229728 | C6 | 1,0 0.039 | 16,0 0.630 | ER 25 | 130,0 5.118 | 42,0 1.654 | 42,0 1.654 | 168,0 6.614 | 105,0 4.134 | 72,0 2.835 | 92,0 3.622 | 1 | G6.3 | 1,7 3.750 |
| C6-ER25-160 | 10229729 | C6 | 1,0 0.039 | 16,0 0.630 | ER 25 | 160,0 6.299 | 42,0 1.654 | 42,0 1.654 | 198,0 7.795 | 135,0 5.315 | 102,0 4.016 | 122,0 4.803 | 1 | G6.3 | 2,0 4.410 |



Guide
HSK-A
HSK-E
DIN
BT JIS
CAT
Combimaster
Graffex
Seco Capto™
Others
Operating & setting accessories
Shrinkfit

| Guide | Designation | Item number | CTMS | DCBN mm inch | DCBX mm inch | CTWS | LPR mm inch | BD2 mm inch | BD1 mm inch | OAL mm inch | LB mm inch | LFN mm inch | LF mm inch | RFID hole | Balan- cing | Weight kg lbs |
|-------|-------------|-------------|------|--------------------|--------------------|-------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|------------------|-----------|----------------|---------------------|
| HSK-A | C6-ER32-060 | 10229730 | C6 | 2,0 0.079 | 20,0 0.787 | ER 32 | 60,0 2.362 | 63,0 2.480 | 50,0 1.969 | 98,0 3.858 | 35,0 1.378 | 9,0 0.354 | 20,0 0.787 | 1 | G6.3 | 1,1 2.430 |
| | C6-ER32-100 | 10229731 | C6 | 2,0 0.079 | 20,0 0.787 | ER 32 | 100,0 3.937 | 50,0 1.969 | 50,0 1.969 | 138,0 5.433 | 75,0 2.953 | 34,0 1.339 | 60,0 2.362 | 1 | G6.3 | 1,6 3.530 |
| | C6-ER32-130 | 10229732 | C6 | 2,0 0.079 | 20,0 0.787 | ER 32 | 130,0 5.118 | 50,0 1.969 | 50,0 1.969 | 168,0 6.614 | 105,0 4.134 | 70,0 2.756 | 90,0 3.543 | 1 | G6.3 | 2,1 4.630 |
| HSK-E | C6-ER32-160 | 10229733 | C6 | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | 50,0 1.969 | 50,0 1.969 | 198,0 7.795 | 135,0 5.315 | 100,0 3.937 | 120,0 4.724 | 1 | G6.3 | 2,5 5.510 |
| | C6-ER40-065 | 10229734 | C6 | 3,0 0.118 | 26,0 1.024 | ER 40 | 65,0 2.559 | 63,0 2.480 | 63,0 2.480 | 103,0 4.055 | 43,0 1.693 | 9,0 0.354 | 20,0 0.787 | 1 | G6.3 | 1,3 2.870 |
| | C8-ER32-070 | 10229735 | C8 | 2,0 0.079 | 20,0 0.787 | ER 32 | 70,0 2.756 | 80,0 3.150 | 50,0 1.969 | 118,0 4.646 | 37,0 1.457 | 10,0 0.394 | 30,0 1.181 | 1 | G6.3 | 2,1 4.630 |
| DIN | C8-ER32-160 | 10229736 | C8 | 2,0 0.079 | 20,0 0.787 | ER 32 | 160,0 6.299 | 50,0 1.969 | 50,0 1.969 | 208,0 8.189 | 127,0 5.000 | 100,0 3.937 | 120,0 4.724 | 1 | G6.3 | 3,4 7.500 |
| | C8-ER40-070 | 10229737 | C8 | 3,0 0.118 | 26,0 1.024 | ER 40 | 70,0 2.756 | 80,0 3.150 | 63,0 2.480 | 118,0 4.646 | 37,0 1.457 | 9,0 0.354 | 25,0 0.984 | 1 | G6.3 | 2,2 4.850 |

Accessories

| | For | Seal nut | Spanner |
|-------------|-----------------------------|---|---|
| BT JIS | ...16-045 / 060 |  |  |
| | ...16-070 / 100 / 130 / 160 | 08B587516IC | 03B587516UM |
| CAT | ...20-052 / 055 / 060 | - | 03B587520UM |
| | ...20-100 / 160 | - | 03B587520UM |
| Combimaster | ...25-052 / 055 / 060 | 08B587525IC | 03B587525 |
| | ...25-100 / 130 / 160 | 08B587525IC | 03B587525 |
| | ...32-054 / 057 / 060 / 070 | 08B587532IC | 03B587532 |
| | ...32-100 / 130 / 160 | 08B587532IC | 03B587532 |
| | ...40 | 08B587540IC | 03B587540 |

Spare Parts, included in delivery

| | For | Nut | Stop screw |
|-------------|-----------------------------|---|---|
| Seco Capto™ | ...16-045 / 060 |  |  |
| | ...16-070 / 100 / 130 / 160 | 08B587516UM | - |
| | ...20-052 / 055 / 060 | 08B587520UM | 19LRC1020 |
| | ...20-100 / 160 | 08B587520UM | 19LRC1020 |
| Others | ...25-052 / 055 / 060 | 08B587525X | - |
| | ...25-100 / 130 / 160 | 08B587525X | 19LRC1225 |
| | ...32-054 / 057 / 060 / 070 | 08B587532X | - |
| | ...32-100 / 130 / 160 | 08B587532X | 19LRC1225 |
| | ...40 | 08B587540X | - |

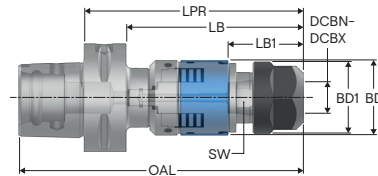
| Operating & setting accessories | Shrinkfit |
|---------------------------------|-----------|
| | |

For synchronized tapping, with micro-compensation
– Metric/ Inch

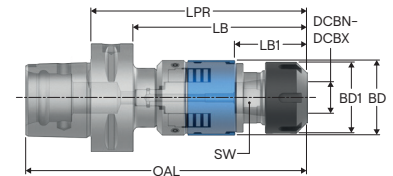
Seco Capto™



Design 1



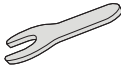

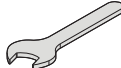
Design 2




- Maximum coolant pressure 80 bar/ 1160 psi
- For ER tapping collets with square drive, see page(s) 407, 408–409
- For TCER 5867 sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD | BD1 | OAL | SW | Design | RFID hole | Balancing | Weight |
|-------------------|-------------|------|-------|------|------|----------------|----------------|---------------|---------------|---------------|----------------|------------------|--------|-----------|-----------|---------------|
| | | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| C4-391.5867-11080 | 02926957 | C4 | ER 11 | M2 | M5 | 80,0 3.150 | 60,0 2.362 | 24,1 0.949 | 23,5 0.925 | 18,7 0.736 | 104,0 4.094 | 12,7 0.500 | 1 | 0 | – | 0,4 0.880 |
| C4-391.5867-20102 | 02926958 | C4 | ER 20 | M4 | M12 | 97,2 3.827 | 77,0 3.031 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 121,2 4.772 | 22,0 0.866 | 1 | 0 | – | 0,7 1.540 |
| C4-391.5867-25122 | 02926959 | C4 | ER 25 | M8 | M20 | 116,6 4.591 | 96,6 3.803 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 140,6 5.535 | 28,0 1.102 | 2 | 0 | – | 0,9 1.980 |
| C5-391.5867-20103 | 02926960 | C5 | ER 20 | M4 | M12 | 97,7 3.846 | 77,7 3.059 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 127,7 5.028 | 22,0 0.866 | 1 | 0 | – | 0,9 1.980 |
| C5-391.5867-25122 | 02926961 | C5 | ER 25 | M8 | M20 | 117,1 4.610 | 97,1 3.823 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 147,1 5.791 | 28,0 1.102 | 2 | 0 | – | 1,2 2.650 |
| C5-391.5867-40154 | 02926962 | C5 | ER 40 | M16 | M33 | 148,6 5.850 | 46,6 1.835 | 25,5 1.004 | 62,0 2.441 | 62,7 2.469 | 178,6 7.031 | 39.6875 1.563 | 2 | 0 | – | 2,8 6.170 |
| C6-391.5867-20105 | 02926963 | C6 | ER 20 | M4 | M12 | 99,7 3.925 | 77,7 3.059 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 137,7 5.421 | 22,0 0.866 | 1 | 0 | – | 1,2 2.650 |
| C6-391.5867-25124 | 02926964 | C6 | ER 25 | M8 | M20 | 119,1 4.689 | 97,1 3.823 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 157,1 6.185 | 28,0 1.102 | 2 | 0 | – | 1,5 3.310 |
| C6-391.5867-40154 | 02926965 | C6 | ER 40 | M16 | M33 | 148,1 5.831 | 126,1 4.965 | 46,6 1.835 | 62,0 2.441 | 62,7 2.469 | 186,1 7.327 | 39.6875 1.563 | 2 | 0 | – | 2,9 6.390 |
| C6-391.5867-50210 | 03131173 | C6 | ER 50 | M20 | M48 | 208,0 8.189 | 134,5 5.295 | 76,5 3.012 | 86,0 3.386 | 78,0 3.071 | 246,0 9.685 | 56,2 2.213 | 2 | 0 | – | 5,9 13.010 |
| C8-391.5867-20112 | 02926966 | C8 | ER 20 | M4 | M12 | 106,7 4.201 | 76,7 3.020 | 35,3 1.390 | 35,0 1.378 | 33,7 1.327 | 154,7 6.091 | 22,0 0.866 | 1 | 0 | – | 2,2 4.850 |
| C8-391.5867-25131 | 02926967 | C8 | ER 25 | M8 | M20 | 126,1 4.965 | 96,1 3.783 | 37,1 1.461 | 44,0 1.732 | 42,0 1.654 | 174,1 6.854 | 28,0 1.102 | 2 | 0 | – | 2,5 5.510 |
| C8-391.5867-40161 | 02926968 | C8 | ER 40 | M16 | M33 | 155,1 6.106 | 125,1 4.925 | 46,6 1.835 | 62,0 2.441 | 62,7 2.469 | 203,1 7.996 | 39,6 1.559 | 2 | 0 | – | 3,9 8.600 |

Accessories

| For | Locking key | Seal nut | Spanner |
|-------|---|---|---|
| |  |  |  |
| ER 11 | 5680092-03 | – | 03B587511UM |
| ER 20 | 5680092-04 | 5533051-02 | 03B587520UM |
| ER 25 | 5680092-05 | 5533051-03 | 03B587525 |
| ER 40 | 5680092-06 | 5533051-05 | 03B587540 |
| ER 50 | 5680092-07 | 5533051-14 | 03B587550 |

Spare Parts, included in delivery

| Guide | For | Nut |
|---------------------------------|-------|--|
| HSK-A | ER 11 |  5533050-07 |
| HSK-A | ER 20 | 5533050-08 |
| HSK-A | ER 25 | 5533050-02 |
| HSK-A | ER 40 | 5533050-04 |
| HSK-E | ER 50 | 5533050-05 |
| HSK-E | | |
| DIN | | |
| BT JIS | | |
| CAT | | |
| Combimaster | | |
| Graflex | | |
| Seco Capto™ | | |
| Others | | |
| Operating & setting accessories | | |
| Shrinkfit | | |



Cylindrical/ Weldon

Seco allows you to get the most out of both your machine and tools by offering a comprehensive range of tool holders to connect them. Besides all common connections Seco also offer Cylindrical and Weldon back ends.

- Cylindrical Tool holders for Combimaster and Graflex solutions
- Cylindrical shrinkfit extensions
- Cylindrical ER extensions
- Weldon Tool holders for Combimaster and Tapping chucks

Steel, Heavy metal or Carbide
– Metric/ Inch

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

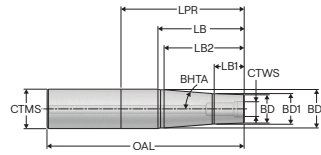
Others

Operating & setting accessories

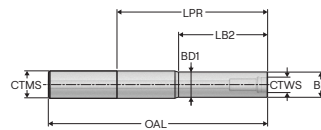
Shrinkfit



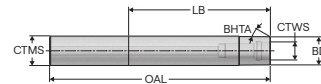
Design 1



Design 2



Design 3



–D = heavy metal, E = carbide
–CTMS tolerance h5
–For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|-----------------|-------------|------|------|----------------|----------------|---------------|------|---------------|------|---------------|----------------|-------|--------|-----------|-----------|--------------|
| | | | | mm | mm | mm | mm | mm | mm | mm | mm | | | | | kg |
| | | | | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| BD01258220660 | 02643840 | 12 | M6 | 60,0 2.362 | 60,0 2.362 | – | – | 11,0 0.433 | – | – | 105,0 4.134 | – | 3 | 0 | PB | 0,1 0.220 |
| BD01258220695E | 02643841 | 12 | M6 | 95,0 3.740 | 95,0 3.740 | – | – | 11,0 0.433 | – | – | 140,0 5.512 | 30,0 | 3 | 0 | PB | 0,3 0.660 |
| BD01458220860 | 02447683 | 14 | M8 | 60,0 2.362 | 60,0 2.362 | – | – | 13,5 0.531 | – | – | 105,0 4.134 | 30,0 | 3 | 0 | PB | 0,2 0.440 |
| BD01458220895E | 02447684 | 14 | M8 | 95,0 3.740 | 95,0 3.740 | – | – | 13,5 0.531 | – | – | 140,0 5.512 | 30,0 | 3 | 0 | PB | 0,3 0.660 |
| BD01658220865 | 02453089 | 16 | M8 | 65,0 2.559 | 65,0 2.559 | – | – | 15,6 0.614 | – | – | 113,0 4.449 | 30,0 | 3 | 0 | PB | 0,2 0.440 |
| BD016582208105E | 02453090 | 16 | M8 | 105,0 4.134 | 105,0 4.134 | – | – | 13,5 0.531 | – | – | 153,0 6.024 | 30,0 | 3 | 0 | PB | 0,5 1.100 |
| BD016582108105E | 02549210 | 16 | M8 | 105,0 4.134 | 105,0 4.134 | 50,0 1.969 | – | 13,5 0.531 | – | 14,5 0.571 | 153,0 6.024 | – | 2 | 0 | PB | 0,4 0.880 |
| BD01858221070 | 02447686 | 18 | M10 | 70,0 2.756 | 70,0 2.756 | – | – | 18,0 0.709 | – | – | 118,0 4.646 | 30,0 | 3 | 0 | PB | 0,2 0.440 |
| BD018582210125E | 02447685 | 18 | M10 | 125,0 4.921 | 125,0 4.921 | – | – | 18,0 0.709 | – | – | 173,0 6.811 | 30,0 | 3 | 0 | PB | 0,6 1.320 |
| BD02058221075 | 02447687 | 20.0 | M10 | 75,0 2.953 | 75,0 2.953 | 15,0 0.591 | – | 18,5 0.728 | – | 19,6 0.772 | 125,0 4.921 | 30,0 | 2 | 0 | PB | 0,3 0.660 |
| BD02058211040D | 02447653 | 20 | M10 | 40,0 1.575 | 25,0 0.984 | 25,0 0.984 | – | 18,5 0.728 | – | 18,5 0.728 | 90,0 3.543 | – | 2 | 0 | PB | 0,5 1.100 |
| BD020582110110 | 02447652 | 20 | M10 | 110,0 4.331 | 65,0 2.559 | 65,0 2.559 | – | 18,5 0.728 | – | 18,5 0.728 | 160,0 6.299 | – | 2 | 0 | PB | 0,4 0.880 |
| BD020582110110D | 02441829 | 20 | M10 | 110,0 4.331 | 65,0 2.559 | 65,0 2.559 | – | 18,5 0.728 | – | 18,5 0.728 | 160,0 6.299 | – | 2 | 0 | PB | 0,8 1.760 |
| BD02558221280 | 02447689 | 25 | M12 | 80,0 3.150 | 80,0 3.150 | – | – | 23,0 0.906 | – | – | 136,0 5.354 | 30,0 | 3 | 0 | PB | 0,5 1.100 |
| BD025582112185E | 02549211 | 25 | M12 | 185,0 7.283 | 85,0 3.346 | – | – | 23,0 0.906 | – | 23,5 0.925 | 241,0 9.488 | – | 2 | 0 | PB | 1,6 3.530 |
| BD025582112185 | 02441831 | 25 | M12 | 185,0 7.283 | 85,0 3.346 | – | – | 23,0 0.906 | – | 23,5 0.925 | 241,0 9.488 | – | 2 | 0 | PB | 0,8 1.760 |

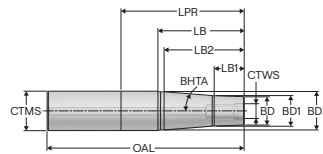
| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|-----------------|-------------|------|------|----------------|----------------|------------|---------------|---------------|---------------|---------------|-----------------|-------|--------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| BD025582112185D | 02447656 | 25 | M12 | 185,0 7.283 | 85,0 3.346 | - | - | 23,0 0.906 | - | 23,0 0.906 | 241,0 9.488 | - | 2 | 0 | PB | 1,9 4.190 |
| BD032582012100 | 02447657 | 32 | M12 | 100,0 3.937 | 65,0 2.559 | - | 25,0 0.984 | 23,0 0.906 | 31,0 1.220 | 24,7 0.972 | 160,0 6.299 | 4,5 | 1 | 0 | PB | 0,9 1.980 |
| BD032582012240 | 02447659 | 32 | M12 | 240,0 9.449 | 145,0 5.709 | - | 30,0 1.181 | 23,0 0.906 | 31,0 1.220 | 24,7 0.972 | 300,0 11.811 | 1,6 | 1 | 0 | PB | 1,4 3.090 |
| BD03258221695 | 02447690 | 32 | M16 | 95,0 3.740 | 95,0 3.740 | - | - | 30,0 1.181 | - | - | 155,0 6.102 | 30,0 | 3 | 0 | PB | 1,0 2.200 |
| BD032582116100 | 02447663 | 32 | M16 | 100,0 3.937 | 65,0 2.559 | - | - | 30,0 1.181 | - | 30,0 1.181 | 160,0 6.299 | - | 2 | 0 | PB | 0,9 1.980 |
| BD032582116100D | 02442105 | 32 | M16 | 100,0 3.937 | 65,0 2.559 | - | - | 30,0 1.181 | - | 30,0 1.181 | 160,0 6.299 | - | 2 | 0 | PB | 2,0 4.410 |
| BD032582116145D | 02447665 | 32 | M16 | 145,0 5.709 | 110,0 4.331 | - | - | 30,0 1.181 | - | 30,0 1.181 | 205,0 8.071 | - | 2 | 0 | PB | 2,5 5.510 |
| BD032582116240 | 02447667 | 32 | M16 | 240,0 9.449 | 145,0 5.709 | - | - | 30,0 1.181 | - | 30,0 1.181 | 300,0 11.811 | - | 2 | 0 | PB | 1,7 3.750 |
| BD032582116240D | 02442107 | 32 | M16 | 240,0 9.449 | 145,0 5.709 | - | - | 30,0 1.181 | - | 30,0 1.181 | 300,0 11.811 | - | 2 | 0 | PB | 3,8 8.380 |
| BD04058201690 | 02447672 | 40 | M16 | 90,0 3.543 | 65,0 2.559 | - | 25,0 0.984 | 30,0 1.181 | 39,0 1.535 | 31,7 1.248 | 160,0 6.299 | 5,2 | 1 | 0 | PB | 1,4 3.090 |
| BD040582016135 | 02447668 | 40 | M16 | 135,0 5.315 | 110,0 4.331 | - | 35,0 1.378 | 30,0 1.181 | 39,0 1.535 | 31,7 1.248 | 205,0 8.071 | 2,8 | 1 | 0 | PB | 1,7 3.750 |
| BD040582016230 | 02447669 | 40 | M16 | 230,0 9.055 | 145,0 5.709 | - | 35,0 1.378 | 30,0 1.181 | 39,0 1.535 | 31,7 1.248 | 300,0 11.811 | 1,9 | 1 | 0 | PB | 2,5 5.510 |

| |
|---------------------------------|
| Guide |
| HSK-A |
| HSK-E |
| DIN |
| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

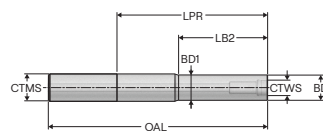
Steel, Heavy metal or Carbide
- Inch



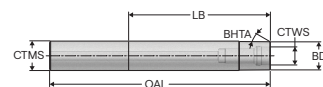
Design 1



Design 2



Design 3



-D = heavy metal, E = carbide
-CTMS tolerance h5
-For ISO attribute explanation, see page 15

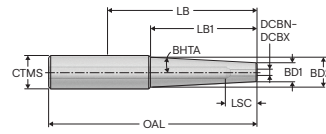
| Designation | Item number | CTMS | CTWS | LPR | LB | LB2 | LB1 | BD | BD2 | BD1 | OAL | BHTA° | Design | RFID hole | Balancing | Weight |
|-----------------|-------------|-------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|--------|-----------|-----------|--------|
| | | inch | | inch | inch | inch | inch | inch | inch | inch | inch | | | | | lbs |
| BD115582208275 | 02487317 | 0.625 | M8 | 2.750 | 2.750 | - | - | 0.512 | - | - | 4.500 | 30,0 | 3 | 0 | PB | 0.440 |
| BD115582208425E | 02487322 | 0.625 | M8 | 4.250 | 4.250 | - | - | 0.512 | - | - | 6.000 | 30,0 | 3 | 0 | PB | 1.100 |
| BD119582210150 | 02454190 | 0.750 | M10 | 1.500 | 1.500 | - | - | 0.709 | - | - | 3.500 | 30,0 | 3 | 0 | PB | 0.440 |
| BD119582210300 | 02487324 | 0.750 | M10 | 3.000 | 3.000 | - | - | 0.709 | - | - | 5.000 | 30,0 | 3 | 0 | PB | 0.660 |
| BD119582210500E | 02487327 | 0.750 | M10 | 5.000 | 5.000 | - | - | 0.709 | - | - | 7.000 | 30,0 | 3 | 0 | PB | 1.540 |
| BD125582212325 | 02487329 | 1.000 | M12 | 3.250 | 3.250 | - | - | 0.906 | - | - | 5.500 | 30,0 | 3 | 0 | PB | 1.320 |
| BD125582212675E | 02487330 | 1.000 | M12 | 6.750 | 6.750 | - | - | 0.906 | - | - | 9.000 | 30,0 | 3 | 0 | PB | 3.310 |
| BD131582012425 | 02454199 | 1.250 | M12 | 4.250 | 4.250 | - | 0.790 | 0.906 | 1.210 | 0.970 | 6.500 | 3,5 | 1 | 0 | PB | 1.980 |
| BD131582116425 | 02454203 | 1.250 | M16 | 4.250 | 2.750 | - | - | 1.181 | - | - | 6.500 | - | 2 | 0 | PB | 2.200 |
| BD131582116600 | 02454204 | 1.250 | M16 | 6.000 | 4.480 | - | - | 1.181 | - | - | 8.250 | - | 2 | 0 | PB | 2.650 |
| BD131582116600D | 02454205 | 1.250 | M16 | 6.000 | 4.480 | - | - | 1.181 | - | - | 8.250 | - | 2 | 0 | PB | 5.730 |
| BD131582216375 | 02487331 | 1.250 | M16 | 3.748 | 3.748 | - | - | 1.181 | - | - | 5.949 | 30,0 | 3 | 0 | PB | 1.980 |
| BD131582220375 | 03029778 | 1.250 | M20 | 3.748 | 1.972 | - | - | 1.437 | - | 1.437 | 6.000 | 30,0 | 2 | 0 | PB | 2.200 |
| BD131582220425 | 03029776 | 1.250 | M20 | 4.248 | 2.472 | - | - | 1.437 | - | 1.437 | 6.500 | 30,0 | 2 | 0 | PB | 2.290 |
| BD131582220600 | 03029777 | 1.250 | M20 | 6.000 | 4.220 | - | - | 1.437 | - | 1.437 | 8.252 | 30,0 | 2 | 0 | PB | 3.090 |

Mold and Die type
- Metric/ Inch

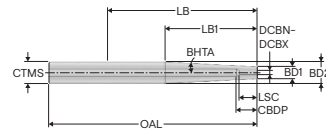
Cylindrical



Design 1



Design 2



- Run-out ≤3 µm
- CTMS tolerance h5
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | DCBN-DCBX | LB | LB1 | BD1 | BD2 | OAL | CDBP | LSC | Design | BHTA° | RFID hole | Balancing | Weight |
|----------------|-------------|------|---------------|----------------|---------------|---------------|---------------|----------------|---------------|---------------|--------|-------|-----------|-----------|---------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | kg lbs |
| BD01658010352 | 00030175 | 16 | 3,0 0.118 | 52,0 2.047 | 51,2 2.016 | 9,0 0.354 | 14,4 0.567 | 100,0 3.937 | - | 13,0 0.512 | 1 | 3,0 | 0 | PB | 0,2 0.440 |
| BD016580103102 | 00030174 | 16 | 3,0 0.118 | 102,0 4.016 | 66,8 2.630 | 9,0 0.354 | 16,0 0.630 | 150,0 5.906 | - | 13,0 0.512 | 2 | 3,0 | 0 | PB | 0,2 0.440 |
| BD01658010452 | 00030178 | 16 | 4,0 0.157 | 52,0 2.047 | 51,7 2.035 | 10,0 0.394 | 15,4 0.606 | 100,0 3.937 | - | 15,0 0.591 | 1 | 3,0 | 0 | PB | 0,2 0.440 |
| BD016580104102 | 00030750 | 16 | 4,0 0.157 | 102,0 4.016 | 57,2 2.252 | 10,0 0.394 | 16,0 0.630 | 150,0 5.906 | - | 15,0 0.591 | 2 | 3,0 | 0 | PB | 0,2 0.440 |
| BD01658010552 | 00030180 | 16 | 5,0 0.197 | 52,0 2.047 | 47,7 1.878 | 11,0 0.433 | 16,0 0.630 | 100,0 3.937 | - | 18,0 0.709 | 2 | 3,0 | 0 | PB | 0,2 0.440 |
| BD01658010652 | 00030182 | 16 | 6,0 0.236 | 52,0 2.047 | 38,2 1.504 | 12,0 0.472 | 16,0 0.630 | 100,0 3.937 | 40,0 1.575 | 26,0 1.024 | 2 | 3,0 | 0 | PB | 0,2 0.440 |
| BD016580106102 | 00030181 | 16 | 6,0 0.236 | 102,0 4.016 | 38,2 1.504 | 12,0 0.472 | 16,0 0.630 | 150,0 5.906 | 40,0 1.575 | 26,0 1.024 | 2 | 3,0 | 0 | PB | 0,2 0.440 |
| BD02058010850 | 00030185 | 20 | 8,0 0.315 | 50,0 1.969 | 38,2 1.504 | 16,0 0.630 | 20,0 0.787 | 100,0 3.937 | 44,0 1.732 | 30,0 1.181 | 2 | 3,0 | 0 | PB | 0,2 0.440 |
| BD020580108100 | 00030184 | 20 | 8,0 0.315 | 100,0 3.937 | 38,2 1.504 | 16,0 0.630 | 20,0 0.787 | 150,0 5.906 | 44,0 1.732 | 30,0 1.181 | 2 | 3,0 | 0 | PB | 0,32 0.710 |
| BD02058011050 | 00030190 | 20 | 10,0 0.394 | 50,0 1.969 | 19,1 0.752 | 18,0 0.709 | 20,0 0.787 | 100,0 3.937 | 45,0 1.772 | 32,0 1.260 | 2 | 3,0 | 0 | PB | 0,21 0.460 |
| BD020580110100 | 00030186 | 20 | 10,0 0.394 | 100,0 3.937 | 19,1 0.752 | 18,0 0.709 | 20,0 0.787 | 150,0 5.906 | 45,0 1.772 | 32,0 1.260 | 2 | 3,0 | 0 | PB | 0,4 0.880 |
| BD02058011250 | 00030195 | 20 | 12,0 0.472 | 50,0 1.969 | 40,0 1.575 | 20,0 0.787 | 20,0 0.787 | 100,0 3.937 | 46,0 1.811 | 34,0 1.339 | 2 | 3,0 | 0 | PB | 0,19 0.420 |
| BD020580112100 | 00030194 | 20 | 12,0 0.472 | 100,0 3.937 | 50,0 1.969 | 20,0 0.787 | 20,0 0.787 | 150,0 5.906 | 46,0 1.811 | 34,0 1.339 | 2 | 3,0 | 0 | PB | 0,4 0.880 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Mold and Die type
– Inch

Guide

HSK-A

HSK-E

DIN

- Run-out $\leq 3 \mu\text{m}$
- CTMS tolerance h5
- For ISO attribute explanation, see page 15

BT JIS

CAT

Combimaster

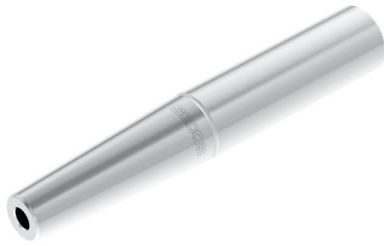
Graflex

Seco Capto™

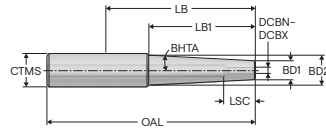
Others

Operating & setting accessories

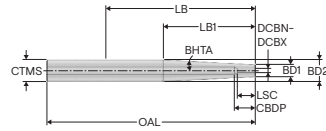
Shrinkfit



Design 1



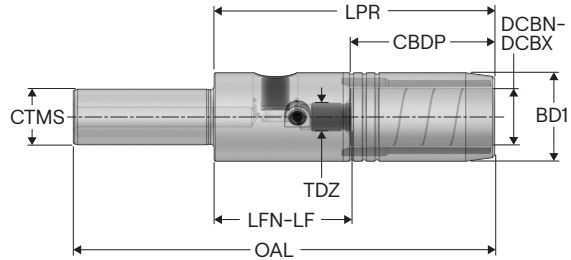
Design 2



| Designation | Item number | CTMS | DCBN-DCBX | LB | LB1 | BD1 | BD2 | OAL | CBDP | LSC | Design | BHTA° | RFID hole | Balancing |
|-----------------|-------------|-------|-----------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------|-----------|
| | | inch | inch | inch | inch | inch | inch | inch | inch | inch | | | | lbs |
| BD1155801012400 | 02522850 | 0.625 | 0.125 | 4.000 | 2.582 | 0.354 | 0.625 | 5.875 | – | 0.512 | 1 | 3,0 | 0 | PB 0.440 |
| BD1155801018400 | 02522851 | 0.625 | 0.188 | 4.000 | 1.831 | 0.433 | 0.625 | 5.875 | – | 0.709 | 1 | 3,0 | 0 | PB 0.400 |
| BD1155801025400 | 02522854 | 0.625 | 0.250 | 4.000 | 1.456 | 0.472 | 0.625 | 5.875 | 1.476 | 0.866 | 2 | 3,0 | 0 | PB 0.420 |
| BD1195801031400 | 02522857 | 0.750 | 0.313 | 4.000 | 1.897 | 0.551 | 0.750 | 6.000 | 1.575 | 1.181 | 2 | 3,0 | 0 | PB 0.660 |

Conventional type
- Metric/ Inch


Cylindrical



-Run-out $\leq 6 \mu\text{m}$
-For ISO attribute explanation, see page 15

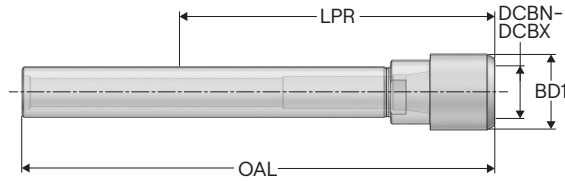
| Designation | Item number | CTMS | DCBN-DCBX | | LPR | | CDBP | | BD1 | OAL | LFN | LF | TDZ | RFID hole | Balancing | Weight | |
|---------------|-------------|------|-----------|-------|-------|-------|------|-------|------|-------|-------|------|-------|-----------|-----------|--------|--------------|
| | | | mm | inch | mm | inch | mm | inch | | | | | | | | | mm |
| ST20-HC12-100 | 10137352 | 20 | 12,0 | 0.472 | 100,0 | 3.937 | 47,5 | 1.870 | 25,0 | 0.984 | 150,0 | 59,0 | 2.323 | M6 | 0 | G2.5 | 0,5 1.100 |
| ST20-HC20-100 | 10137353 | 20 | 20,0 | 0.787 | 100,0 | 3.937 | 51,5 | 2.028 | 31,5 | 1.240 | 150,0 | 49,0 | 1.929 | M10x1 | 0 | G2.5 | 0,6 1.320 |
| ST32-HC20-090 | 10137354 | 32 | 20,0 | 0.787 | 90,0 | 3.543 | 51,5 | 2.028 | 31,5 | 1.240 | 150,0 | 39,0 | 1.535 | M10x1 | 0 | G2.5 | 0,8 1.760 |

Accessories

| For | Key |
|-----|--|
| All |  H05-4 |

- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

– Metric/ Inch

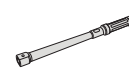
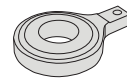


–Run-out 5 µm maximum at 3 x ØDCBN-DCBX
 –For ER collets, see page(s) 399, 400, 401, 402
 –For stop screws, see instructions at www.secotools.com
 –For ISO attribute explanation, see page 15

| Designation | Item number | LPR | DCBN | DCBX | Size | BD1 | OAL | RFID hole | Balancing | Weight |
|------------------|-------------|----------------|--------------|---------------|--------|---------------|----------------|-----------|-----------|--------------|
| | | mm inch | mm inch | mm inch | | mm inch | | | | |
| ST10-ERHP08R-080 | 10359272 | 40,0 1.575 | 1,0 0.039 | 5,0 0.197 | HP 08R | 10,0 0.394 | 80,0 3.150 | 0 | PB | 0,1 0.220 |
| ST10-ERHP08R-150 | 10359273 | 110,0 4.331 | 1,0 0.039 | 5,0 0.197 | HP 08R | 10,0 0.394 | 150,3 5.917 | 0 | PB | 0,1 0.220 |
| ST10-ERHP08R-200 | 10359274 | 160,0 6.299 | 1,0 0.039 | 5,0 0.197 | HP 08R | 10,0 0.394 | 200,3 7.886 | 0 | PB | 0,1 0.220 |
| ST12-ERHP08R-120 | 10359275 | 75,0 2.953 | 1,0 0.039 | 5,0 0.197 | HP 08R | 10,0 0.394 | 120,0 4.724 | 0 | PB | 0,1 0.220 |
| ST12-ERHP08R-160 | 10359276 | 115,0 4.528 | 1,0 0.039 | 5,0 0.197 | HP 08R | 10,0 0.394 | 160,0 6.299 | 0 | PB | 0,2 0.440 |
| ST12-ERHP08R-200 | 10359277 | 155,0 6.102 | 1,0 0.039 | 5,0 0.197 | HP 08R | 10,0 0.394 | 200,0 7.874 | 0 | PB | 0,2 0.440 |
| ST16-ERHP11R-150 | 10359278 | 102,9 4.051 | 1,0 0.039 | 7,0 0.276 | HP 11R | 16,0 0.630 | 150,9 5.941 | 0 | PB | 0,2 0.440 |
| ST16-ERHP11R-200 | 10359279 | 152,9 6.020 | 1,0 0.039 | 7,0 0.276 | HP 11R | 16,0 0.630 | 200,9 7.909 | 0 | PB | 0,3 0.660 |
| ST16-ERHP16R-150 | 10359280 | 102,6 4.039 | 1,0 0.039 | 10,0 0.394 | HP 16R | 24,0 0.945 | 150,6 5.929 | 0 | PB | 0,2 0.440 |
| ST16-ERHP16R-200 | 10359281 | 152,0 5.984 | 1,0 0.039 | 10,0 0.394 | HP 16R | 22,0 0.866 | 200,0 7.874 | 0 | PB | 0,3 0.660 |
| ST20-ERHP16R-150 | 10359282 | 100,6 3.961 | 1,0 0.039 | 10,0 0.394 | HP 16R | 22,0 0.866 | 150,6 5.929 | 0 | PB | 0,3 0.660 |
| ST20-ERHP16R-200 | 10359283 | 150,6 5.929 | 1,0 0.039 | 10,0 0.394 | HP 16R | 22,0 0.866 | 200,6 7.898 | 0 | PB | 0,4 0.880 |

Accessories

| For | Key | Socket | Torque key |
|---------|--------------|----------|-------------|
| ERHP08R | – | 03ERB010 | 03DYE003025 |
| ERHP11R | 03LME0912140 | 03ER016 | 03DYE003025 |
| ERHP16R | 03LME0912140 | 03ER022 | 03DYE010050 |



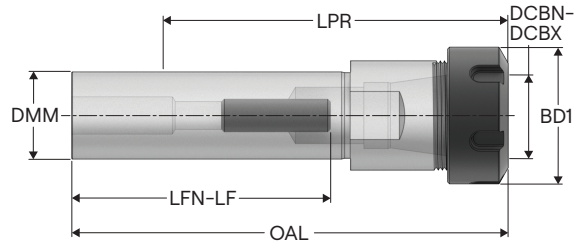
Spare Parts, included in delivery

| For | Nut |
|---------|-------------|
| ERHP08R | 08B567208RC |
| ERHP11R | 08B567211RC |
| ERHP16R | 08B567216RC |



- Guide
- HSK-A
- HSK-E
- DIN
- BT JIS
- CAT
- Combimaster
- Graflex
- Seco Capto™
- Others
- Operating & setting accessories
- Shrinkfit

ISO 15488
- Metric/ Inch





- Run-out 15 µm/ .0006" maximum at 3 x ØDCBN-DCBX
- DMM tolerance h5
- For ER collets, see page(s) 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | DMM | LPR | DCBN | DCBX | Size | BD1 | OAL | LFN | LF | TDZ | RFID hole | Balancing | Weight |
|----------------|-------------|---------------|----------------|--------------|---------------|-------|---------------|----------------|----------------|-----------------|----------|-----------|-----------|--------------|
| | | mm inch | mm inch | mm inch | mm inch | | mm inch | mm inch | mm inch | mm inch | | | | |
| ST12-ER08R-150 | 10229738 | 12,0 0.472 | 105,0 4.134 | 0,5 0.020 | 5,0 0.197 | ER 08 | 12,0 0.472 | 150,0 5.906 | 112,0 4.409 | 112,0 4.409 | - | 0 | PB | 0,2 0.440 |
| ST16-ER11R-150 | 10229739 | 16,0 0.630 | 102,0 4.016 | 0,5 0.020 | 7,0 0.276 | ER 11 | 16,0 0.630 | 150,0 5.906 | 120,5 4.744 | 129,12 5.083 | M6X1.0 | 0 | PB | 0,2 0.440 |
| ST16-ER16R-160 | 10229740 | 16,0 0.630 | 112,0 4.409 | 0,5 0.020 | 10,0 0.394 | ER 16 | 22,0 0.866 | 160,0 6.299 | 126,5 4.980 | 128,0 5.039 | M8X1.25 | 0 | PB | 0,2 0.440 |
| ST20-ER20R-160 | 10229741 | 20,0 0.787 | 110,0 4.331 | 0,5 0.020 | 13,0 0.512 | ER 20 | 28,0 1.102 | 160,0 6.299 | 78,5 3.091 | 113,5 4.469 | M12X1.75 | 0 | PB | 0,4 0.880 |
| ST25-ER25R-160 | 10229742 | 25,0 0.984 | 104,0 4.094 | 1,0 0.039 | 16,0 0.630 | ER 25 | 35,0 1.378 | 160,0 6.299 | 78,0 3.071 | 113,0 4.449 | M12X1.75 | 0 | PB | 0,5 1.100 |
| ST32-ER25R-160 | 10229743 | 32,0 1.260 | 100,0 3.937 | 1,0 0.039 | 16,0 0.630 | ER 25 | 35,0 1.378 | 160,0 6.299 | 108,0 4.252 | 128,0 5.039 | M12X1.75 | 0 | PB | 0,8 1.760 |
| ST32-ER32-160 | 10229744 | 32,0 1.260 | 100,0 3.937 | 2,0 0.079 | 20,0 0.787 | ER 32 | 50,0 1.969 | 160,0 6.299 | 82,0 3.228 | 113,9 4.484 | 12X1.75 | 0 | PB | 1,0 2.200 |

Accessories

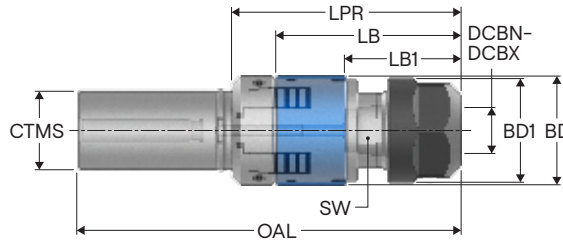
| For | Seal nut | Spanner |
|----------------|-------------|-----------|
| ST12-ER08R-150 | - | 03B545008 |
| ST16-ER11R-150 | - | 03B545011 |
| ST16-ER16R-160 | 08B587516MC | 03B545016 |
| ST20-ER20R-160 | - | 03B545020 |
| ST25-ER25R-160 | 08B587525MC | 03B545025 |
| ST32-ER25R-160 | 08B587525MC | 03B587532 |
| ST32-ER32-160 | 08B587532IC | 03B587532 |

Spare Parts, included in delivery

| For | Nut | Stop screw |
|----------------|---|---|
| |  |  |
| ST12-ER08R-150 | 08B587508M | 19LRC1020 |
| ST16-ER11R-150 | 08B587511M | 19LRC1225 |
| ST16-ER16R-160 | 08B587516M | 19LRC0820 |
| ST20-ER20R-160 | 08B587520M | 19LRC1225 |
| ST25-ER25R-160 | 08B587525M | 19LRC1240 |
| ST32-ER25R-160 | 08B587532X | 19LRC1225 |
| ST32-ER32-160 | 08B587532X | 19LRC1225 |

| |
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| Others |
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For synchronized tapping, with micro-compensation
– Metric/ Inch



- Maximum coolant pressure 80 bar/ 1160 psi
- For ER collets, see page(s) 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- Cylindrical machine side shank CTMS with tolerance g6, not compatible with Shrinkfit holders
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD1 | BD | OAL | SW | RFID hole | Balancing | Weight |
|---------------|-------------|------|-------|------|------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|-----------|-----------|--------------|
| | | | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | |
| BD01658671152 | 02926969 | 16 | ER 11 | M2 | M5 | 51,9 2.043 | 25,2 0.992 | 11,5 0.453 | 18,7 0.736 | 23,5 0.925 | 96,4 3.795 | 12,7 0.500 | 0 | – | 0,2 0.440 |
| BD02058672069 | 02926970 | 20 | ER 20 | M4 | M12 | 63,7 2.508 | 35,3 1.390 | 19,1 0.752 | 34,0 1.339 | 34,6 1.362 | 114,5 4.508 | 22,0 0.866 | 0 | – | 0,5 1.100 |

Accessories

| For | Locking key | Seal nut | Spanner |
|---------------|-------------|------------|-------------|
| BD01658671152 | 5680092-03 | – | 03B587511UM |
| BD02058672069 | 5680092-04 | 5533051-02 | 03B587520UM |

Spare Parts, included in delivery

| For | Nut |
|---------------|------------|
| BD01658671152 | 5533050-07 |
| BD02058672069 | 5533050-08 |

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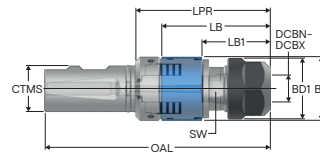
Shrinkfit

For synchronized tapping, with micro-compensation
 – Metric/ Inch

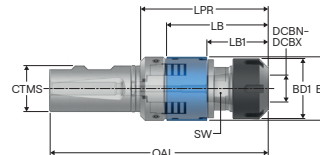
Weldon and WN shanks



Design 1



Design 2



- Maximum coolant pressure 80 bar/ 1160 psi
- For ER collets, see page(s) 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD1 | BD | OAL | SW | Design | RFID hole | Balancing | Weight |
|----------------|-------------|-------------|-------|------|------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|--------|-----------|-----------|---------------|
| | | mm inch | | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| BW22058671151 | 02926947 | 20 0.787 | ER 11 | M2 | M5 | 51,9 2.043 | 49,1 1.933 | 25,2 0.992 | 18,7 0.736 | 23,5 0.925 | 102,7 4.043 | 12,7 0.500 | 1 | 0 | – | 0,2 0.440 |
| BW22558672069 | 02926948 | 25 0.984 | ER 20 | M4 | M12 | 63,7 2.508 | 63,7 2.508 | 36,1 1.421 | 34,0 1.339 | 34,6 1.362 | 114,5 4.508 | 22,3 0.878 | 1 | 0 | – | 0,5 1.100 |
| BW22558672588 | 02926949 | 25 0.984 | ER 25 | M8 | M20 | 83,1 3.272 | 83,1 3.272 | 37,2 1.465 | 41,7 1.642 | 44,0 1.732 | 133,9 5.272 | 28,0 1.102 | 2 | 0 | – | 0,8 1.760 |
| BW225586740117 | 02926950 | 25 0.984 | ER 40 | M16 | M33 | 112,1 4.413 | 112,1 4.413 | 45,7 1.799 | 63,0 2.480 | 62,0 2.441 | 162,9 6.413 | 39,7 1.563 | 2 | 0 | – | 2,0 4.410 |
| BW240586750164 | 03131179 | 40 1.575 | ER 50 | M20 | M48 | 155,8 6.134 | 126,3 4.972 | 70,0 2.756 | 78,0 3.071 | 86,0 3.386 | 225,8 8.890 | 56,2 2.213 | 2 | 0 | – | 5,4 11.900 |

Accessories

| For | Locking key | Seal nut | Spanner |
|----------------|-------------|------------|-------------|
| | | | |
| BW22058671151 | 5680092-03 | – | 03B587511UM |
| BW22558672069 | 5680092-04 | 5533051-02 | 03B587520UM |
| BW22558672588 | 5680092-05 | 5533051-03 | 03B587525 |
| BW225586740117 | 5680092-06 | 5533051-05 | 03B587540 |
| BW240586750164 | 5680092-07 | 5533051-14 | 03B587550 |

Spare Parts, included in delivery

| For | Nut |
|----------------|------------|
| | |
| BW22058671151 | 5533050-07 |
| BW22558672069 | 5533050-08 |
| BW22558672588 | 5533050-02 |
| BW225586740117 | 5533050-04 |
| BW240586750164 | 5533050-05 |

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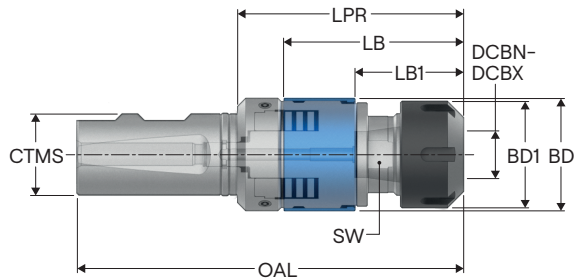
Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit



- Maximum coolant pressure 80 bar/ 1160 psi
- For ER collets, see page(s) 399, 400, 401, 402
- For ER sealing rings, see page(s) 410, 411
- For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | DCBN | DCBX | LPR | LB | LB1 | BD1 | BD | OAL | SW | RFID hole | Balancing | Weight |
|----------------|-------------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|--------|
| | | inch | | | | inch | inch | inch | inch | inch | inch | inch | | | lbs |
| BW925586711052 | 03131176 | 1.000 | ER 11 | M2 | M5 | 2.043 | 0.992 | 0.453 | 0.925 | 0.748 | 4.043 | 0.500 | 0 | - | 0.660 |
| BW925586720069 | 03131177 | 1.000 | ER 20 | M4 | M12 | 2.508 | 1.382 | 0.752 | 1.362 | 1.339 | 4.508 | 0.866 | 0 | - | 1.100 |
| BW925586725088 | 03131178 | 1.000 | ER 25 | M8 | M20 | 3.272 | 1.465 | 0.787 | 1.732 | 1.654 | 5.272 | 1.102 | 0 | - | 1.980 |

Accessories

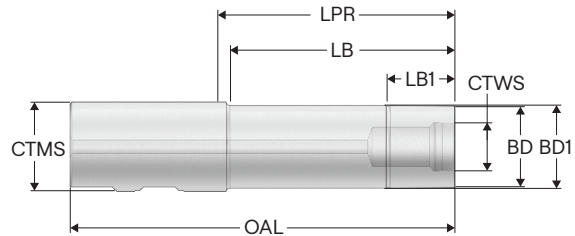
| For | Locking key | Seal nut | Spanner |
|----------------|-------------|------------|-------------|
| | | | |
| BW925586711052 | 5680092-03 | - | 03B587511UM |
| BW925586720069 | 5680092-04 | 5533051-02 | 03B587520UM |
| BW925586725088 | 5680092-05 | 5533051-03 | 03B587525 |

Spare Parts, included in delivery

| For | Nut |
|----------------|------------|
| | |
| BW925586711052 | 5533050-07 |
| BW925586720069 | 5533050-08 |
| BW925586725088 | 5533050-02 |

Arbors
- Metric/ Inch

Weldon/ DIN 1835-1 Form B



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB1 | BD | BD1 | OAL | RFID hole | Balancing | Weight |
|----------------|-------------|------|------|----------------|----------------|---------------|---------------|---------------|----------------|-----------|-----------|--------------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | | | |
| BW02058211030 | 02501657 | 20 | M10 | 30,0 1.181 | 25,0 0.984 | 10,0 0.394 | 18,5 0.728 | 18,5 0.728 | 80,0 3.150 | 0 | PB | 0,2 0.440 |
| BW020582110102 | 02501661 | 20 | M10 | 102,0 4.016 | 97,0 3.819 | 20,0 0.787 | 18,5 0.728 | 18,5 0.728 | 152,0 5.984 | 0 | PB | 0,4 0.880 |
| BW02558211245 | 02501663 | 25 | M12 | 45,0 1.772 | 40,0 1.575 | 20,0 0.787 | 23,0 0.906 | 23,5 0.925 | 101,0 3.976 | 0 | PB | 0,4 0.880 |
| BW025582112115 | 02501664 | 25 | M12 | 115,0 4.528 | 110,0 4.331 | 30,0 1.181 | 23,0 0.906 | 23,5 0.925 | 171,0 6.732 | 0 | PB | 0,6 1.320 |
| BW03258211645 | 02501665 | 32 | M16 | 45,0 1.772 | 40,0 1.575 | 20,0 0.787 | 30,0 1.181 | 30,5 1.201 | 105,0 4.134 | 0 | PB | 0,6 1.320 |
| BW040582120102 | 02971313 | 40 | M20 | 102,0 4.016 | 97,0 3.819 | 30,0 1.181 | 36,5 1.437 | 37,0 1.457 | 172,0 6.772 | 0 | PB | 1,5 3.310 |

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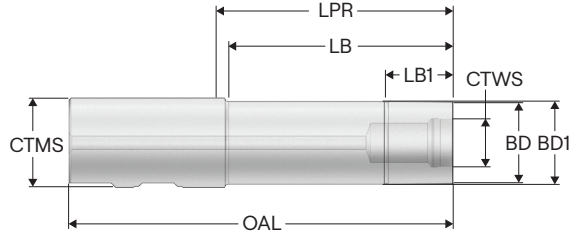
Others

Operating & setting accessories

Shrinkfit

Arbors
- Inch

Weldon/ DIN 1835-1 Form B



-For ISO attribute explanation, see page 15

| Designation | Item number | CTMS | CTWS | LPR | LB | LB1 | BD | BD1 | OAL | RFID hole | Balancing | Weight |
|----------------|-------------|-------|------|-------|-------|------|-------|-------|-------|-----------|-----------|--------|
| | | inch | | inch | inch | inch | inch | inch | inch | | | lbs |
| BW519582210125 | 02454250 | 0.750 | M10 | 1.250 | 0.591 | - | 0.732 | 0.732 | 3.250 | 0 | PB | 0.440 |
| BW525582212075 | 02454252 | 1.000 | M12 | 0.750 | 0.591 | - | 0.984 | 0.984 | 3.000 | 0 | PB | 0.660 |
| BW625582112250 | 02454256 | 1.000 | M12 | 2.500 | 2.250 | - | 0.925 | 0.925 | 5.750 | 0 | PB | 1.100 |
| BW531582116150 | 02454254 | 1.250 | M16 | 1.500 | 1.250 | - | 1.201 | 1.201 | 3.750 | 0 | PB | 1.320 |
| BW631582116300 | 02454261 | 1.250 | M16 | 3.000 | 2.559 | - | 1.181 | 1.181 | 6.250 | 0 | PB | 1.980 |
| BW631582116400 | 02454262 | 1.250 | M16 | 4.000 | 3.750 | - | 1.201 | 1.201 | 7.250 | 0 | PB | 2.430 |

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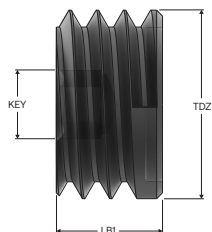


Operating and setting accessories

Seco offers a wide variety of operating accessories to ensure you get the most out of your tooling systems. Seco's range of setting accessories allow you to quickly and correctly set tools to ensure your application benefits from the full accuracy capabilities of your tooling and holder.

- Coolant tubes, Operating accessories, Sealing plugs and Pull studs
- Reduction sleeves, Collets for Collet chucks and Sealing rings
- Tool boy for assembly support and Control gauges

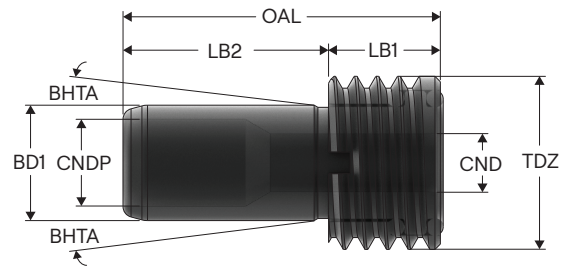
– Metric/ Inch



– HSK-A to Seco Capto holders are delivered with a specific coolant tube available as spare parts and need a specific coolant tube spanner, see product page(s) 298, 299–300, 301
 – For ISO attribute explanation, see page 15

| Description | Designation | Item number | For holders HSK A and E | LB1 | LB2 | KEY | CNT | TDZ | BHTA° |
|-------------------|---------------------------|-------------|----------------------------|-------------------|---------------|---------------|-----|---------|-------|
| | | | | mm inch | mm inch | mm inch | | | |
| Coolant tubes (1) | 20E9301 | 00088814 | HSK-A32 & HSK-E32 | 5,5 0.217 | 20,5 0.807 | – | 6 | M10x1 | 1,0 |
| | 20E9302 | 00088815 | HSK-A40 & HSK-E40 | 7,5 0.295 | 22,0 0.866 | – | 8 | M12x1 | 1,0 |
| | 20E9303 | 00086740 | HSK-A50 & HSK-E50 | 9,5 0.374 | 23,5 0.925 | – | 6 | M16x1 | 1,0 |
| | 20E9304 | 00086741 | HSK-A63 & HSK-E63 | 11,5 0.453 | 25,0 0.984 | – | 8 | M18x1 | 1,0 |
| | 20E9306 | 00086742 | HSK-A100 & HSK-E100 | 15,5 0.610 | 28,5 1.122 | – | 6 | M24x1,5 | 1,0 |
| | 20E9307 | 00088816 | HSK-A125 | 17,5 0.689 | 30,5 1.201 | – | 18 | M30x1.5 | 1,0 |
| | Coolant tube spanners (2) | 03E9301 | 00088811 | HSK-A32 & HSK-E32 | – | – | – | – | – |
| 03E9302 | | 00088812 | HSK-A40 & HSK-E40 | – | – | – | – | – | – |
| 03E9303 | | 00069969 | HSK-A50 & HSK-E50 | – | – | – | – | – | – |
| 03E9304 | | 00069970 | HSK-A63 & HSK-E63 | – | – | – | – | – | – |
| 03E9305 | | 00032296 | HSK-A80 & HSK-E80 | – | – | – | – | – | – |
| 03E9306 | | 00084012 | HSK-A100 & HSK-E100 | – | – | – | – | – | – |
| 5680094-07 | | 03248614 | HSK-A125 | – | – | – | – | – | – |
| Sealing plugs (3) | 02E9301 | 00031588 | HSK-A32 & HSK-E32 | 5,0 0.197 | – | 3,0 0.118 | – | M10x1 | – |
| | 02E9302 | 00031593 | HSK-A40 & HSK-E40 | 7,0 0.276 | – | 4,0 0.157 | – | M12x1 | – |
| | 02E9303 | 00001002 | HSK-A50 & HSK-E50 | 9,0 0.354 | – | 5,0 0.197 | – | M16x1 | – |
| | 02E9304 | 00010101 | HSK-A63 & HSK-E63 | 11,0 0.433 | – | 6,0 0.236 | – | M18x1 | – |
| | 02E9306 | 00014002 | HSK-A100 & HSK-E100 | 15,0 0.591 | – | 10,0 0.394 | – | M24x1,5 | – |
| | 02E9307 | 00033649 | HSK-A125 | 17,0 0.669 | – | 12,0 0.472 | – | M30x1.5 | – |

- Metric/ Inch



-For HSK coolant tube spanners, see page(s) 370
 -For ISO attribute explanation, see page 15

| Designation | Item number | For holders | CND | | LB1 | | LB2 | | CNDP | | BD1 | | OAL | TDZ | BHTA° | Weight |
|-------------|-------------|-------------------|-----|-------|------|-------|------|-------|------|-------|------|-------|------|---------|-------|--------------|
| | | | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | | | | |
| 20E9304 | 00086741 | HSK-A63 & HSK-E63 | 8,0 | 0.315 | 11,5 | 0.453 | 25,0 | 0.984 | 8,0 | 0.315 | 12,0 | 0.472 | 36,5 | M18x1 | 1,0 | 0,1 0.220 |
| 20E9306M1 | 03103663 | HSK-A100 | 8,0 | 0.315 | 16,0 | 0.630 | 28,0 | 1.102 | 12,0 | 0.472 | 16,0 | 0.630 | 44,0 | M24x1.5 | 1,0 | 0,1 0.220 |

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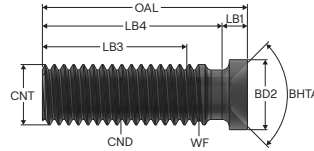
Operating & setting accessories

Shrinkfit

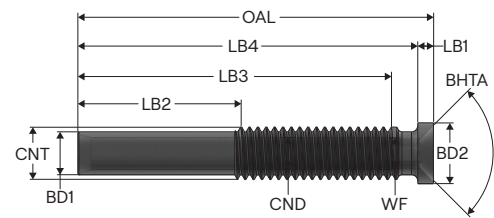
- Metric/ Inch



Design 1



Design 2



-With tapered contact surface for MQL tool according to DIN 69090-3
 -For ISO attribute explanation, see page 15

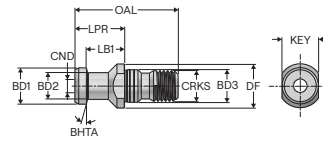
| Description | Designation | Item number | OAL | CND | LB4 | LB3 | LB2 | LB1 | BD2 | BD1 | WF | CNT | BHTA° | Design | Weight |
|---------------------------------|-------------|-------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------|-------|--------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs |
| Short | 19MQL106S | 02967758 | 17,0 0.669 | 3,0 0.118 | 15,5 0.610 | 12,0 0.472 | - | 1,5 0.059 | 5,8 0.228 | - | 2,5 0.098 | M5 | 90,0 | 1 | 0,1 0.220 |
| | 19MQL108S | 02967759 | 18,0 0.709 | 3,5 0.138 | 15,5 0.610 | 12,0 0.472 | - | 2,5 0.098 | 7,8 0.307 | - | 3,0 0.118 | M6 | 90,0 | 1 | 0,1 0.220 |
| CAT | 19MQL110S | 02967760 | 18,0 0.709 | 4,7 0.185 | 15,0 0.591 | 12,0 0.472 | - | 3,0 0.118 | 9,8 0.386 | - | 4,0 0.157 | M8x1 | 90,0 | 1 | 0,1 0.220 |
| | 19MQL112S | 02967761 | 18,0 0.709 | 5,8 0.228 | 15,0 0.591 | 11,0 0.433 | - | 3,0 0.118 | 11,8 0.465 | - | 5,0 0.197 | M10x1 | 90,0 | 1 | 0,1 0.220 |
| | 19MQL114S | 02967762 | 19,5 0.768 | 5,8 0.228 | 15,5 0.610 | 12,5 0.492 | - | 4,0 0.157 | 13,8 0.543 | - | 5,0 0.197 | M10x1 | 90,0 | 1 | 0,1 0.220 |
| | 19MQL116S | 02967763 | 22,0 0.866 | 5,8 0.228 | 17,0 0.669 | 12,0 0.472 | - | 5,0 0.197 | 15,8 0.622 | - | 5,0 0.197 | M10x1 | 90,0 | 1 | 0,1 0.220 |
| Combimaster | 19MQL118S | 02967764 | 22,0 0.866 | 5,8 0.228 | 16,0 0.630 | 12,0 0.472 | - | 6,0 0.236 | 17,8 0.701 | - | 5,0 0.197 | M10x1 | 90,0 | 1 | 0,1 0.220 |
| | 19MQL120S | 02967765 | 23,5 0.925 | 5,8 0.228 | 16,5 0.650 | 12,0 0.472 | - | 7,0 0.276 | 19,8 0.780 | - | 5,0 0.197 | M10x1 | 90,0 | 1 | 0,1 0.220 |
| | 19MQL125S | 02967766 | 27,5 1.083 | 5,8 0.228 | 18,0 0.709 | 13,0 0.512 | - | 9,5 0.374 | 24,8 0.976 | - | 5,0 0.197 | M10x1 | 90,0 | 1 | 0,1 0.220 |
| Grafflex | 19MQL132S | 02967767 | 30,5 1.201 | 5,8 0.228 | 17,5 0.689 | 13,0 0.512 | - | 13,0 0.512 | 31,8 1.252 | - | 5,0 0.197 | M10x1 | 90,0 | 1 | 0,1 0.220 |
| | Long | 19MQL106L | 34,0 1.339 | 3,0 0.118 | 32,5 1.280 | 30,0 1.181 | 15,0 0.591 | 1,5 0.059 | 5,8 0.228 | 4,1 0.161 | 2,5 0.098 | M5x0.8 | 90,0 | 2 | 0,1 0.220 |
| Seco Capto™ | 19MQL108L | 02967769 | 34,0 1.339 | 3,5 0.138 | 31,5 1.240 | 29,0 1.142 | 15,0 0.591 | 2,5 0.098 | 7,8 0.307 | 4,9 0.193 | 3,0 0.118 | M6x1 | 90,0 | 2 | 0,1 0.220 |
| | 19MQL110L | 02967770 | 35,0 1.378 | 4,7 0.185 | 32,0 1.260 | 28,0 1.102 | 15,0 0.591 | 3,0 0.118 | 9,8 0.386 | 6,9 0.272 | 4,0 0.157 | M8x1 | 90,0 | 2 | 0,1 0.220 |
| | 19MQL112L | 02967771 | 35,0 1.378 | 5,8 0.228 | 32,0 1.260 | 27,0 1.063 | 15,0 0.591 | 3,0 0.118 | 11,8 0.465 | 8,9 0.350 | 5,0 0.197 | M10x1 | 90,0 | 2 | 0,1 0.220 |
| | 19MQL114L | 02967772 | 35,5 1.398 | 5,8 0.228 | 31,5 1.240 | 26,0 1.024 | 15,5 0.610 | 4,0 0.157 | 13,8 0.543 | 8,9 0.350 | 5,0 0.197 | M10x1 | 90,0 | 2 | 0,1 0.220 |
| Others | 19MQL116L | 02967773 | 37,0 1.457 | 5,8 0.228 | 32,0 1.260 | 27,0 1.063 | 15,0 0.591 | 5,0 0.197 | 15,8 0.622 | 8,9 0.350 | 5,0 0.197 | M10x1 | 90,0 | 2 | 0,1 0.220 |
| | 19MQL118L | 02967774 | 37,5 1.476 | 5,8 0.228 | 31,5 1.240 | 26,0 1.024 | 15,5 0.610 | 6,0 0.236 | 17,8 0.701 | 8,9 0.350 | 5,0 0.197 | M10x1 | 90,0 | 2 | 0,1 0.220 |
| | 19MQL120L | 02967775 | 40,0 1.575 | 5,8 0.228 | 33,0 1.299 | 28,0 1.102 | 15,0 0.591 | 7,0 0.276 | 19,8 0.780 | 8,9 0.350 | 5,0 0.197 | M10x1 | 90,0 | 2 | 0,1 0.220 |
| Operating & setting accessories | 19MQL125L | 02967776 | 44,0 1.732 | 5,8 0.228 | 34,5 1.358 | 29,0 1.142 | 15,0 0.591 | 9,5 0.374 | 24,8 0.976 | 8,9 0.350 | 5,0 0.197 | M10x1 | 90,0 | 2 | 0,1 0.220 |
| | 19MQL132L | 02967777 | 45,0 1.772 | 5,8 0.228 | 32,0 1.260 | 27,0 1.063 | 14,0 0.551 | 13,0 0.512 | 31,8 1.252 | 8,9 0.350 | 5,0 0.197 | M10x1 | 90,0 | 2 | 0,1 0.220 |

ISO / DIN
- Metric/ Inch

ISO 7388-3/ DIN 69871



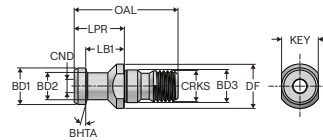
Design 1 = Without through coolant



With chamfer



Design 2 = With through coolant



With radius



- * With external sealing ring
- ** With internal and external sealing rings
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD3 | BD2 | BD1 | CND | KEY | CRKS | * / ** | BHTA° | | Design Weight | |
|----------------|-------------|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|--------|--------------|-------------|---------------|--------------|
| | | | | | | | | | | | | | | With chamfer | With radius | | |
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | kg lbs | | |
| PS-I40-75-001 | 03119900 | DIN 40 | 54,0 2.126 | 26,0 1.024 | 20,0 0.787 | 23,0 0.906 | 17,0 0.669 | 14,0 0.551 | 19,0 0.748 | - | 19,0 0.748 | M16 | * | ■ | 15,0 | 1 | 0,1 0.220 |
| PS-I40C-75-001 | 03119899 | DIN 40 | 54,0 2.126 | 26,0 1.024 | 20,0 0.787 | 23,0 0.906 | 17,0 0.669 | 14,0 0.551 | 19,0 0.748 | 7,0 0.276 | 19,0 0.748 | M16 | | ■ | 15,0 | 2 | 0,1 0.220 |
| PS-I40C-75-002 | 03119901 | DIN 40 | 54,0 2.126 | 26,0 1.024 | 20,0 0.787 | 23,0 0.906 | 17,0 0.669 | 14,0 0.551 | 19,0 0.748 | 7,0 0.276 | 19,0 0.748 | M16 | | ■ | 15,0 | 2 | 0,1 0.220 |
| PS-I40C-75-003 | 03119946 | DIN 40 | 54,0 2.126 | 29,0 1.142 | 23,0 0.906 | 23,0 0.906 | 17,0 0.669 | 14,0 0.551 | 19,0 0.748 | 7,0 0.276 | 19,0 0.748 | M16 | ** | ■ | 15,0 | 2 | 0,1 0.220 |
| PS-I50-75-001 | 03119903 | DIN 50 | 74,0 2.913 | 34,0 1.339 | 25,0 0.984 | 36,0 1.417 | 25,0 0.984 | 21,0 0.827 | 28,0 1.102 | - | 30,0 1.181 | M24 | * | ■ | 15,0 | 1 | 0,3 0.660 |
| PS-I50-75-003 | 03119945 | DIN 50 | 74,0 2.913 | 34,0 1.339 | 25,0 0.984 | 36,0 1.417 | 25,0 0.984 | 21,0 0.827 | 28,0 1.102 | - | 30,0 1.181 | M24 | * | ■ | 15,0 | 1 | 0,3 0.660 |
| PS-I50C-75-001 | 03119902 | DIN 50 | 74,0 2.913 | 34,0 1.339 | 25,0 0.984 | 36,0 1.417 | 25,0 0.984 | 21,0 0.827 | 28,0 1.102 | 11,5 0.453 | 30,0 1.181 | M24 | | ■ | 15,0 | 2 | 0,3 0.660 |
| PS-I50C-75-002 | 03119904 | DIN 50 | 74,0 2.913 | 34,0 1.339 | 25,0 0.984 | 36,0 1.417 | 25,0 0.984 | 21,0 0.827 | 28,0 1.102 | 11,5 0.453 | 30,0 1.181 | M24 | | ■ | 15,0 | 2 | 0,3 0.660 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graffex

Seco Capto™

Others

Operating & setting accessories

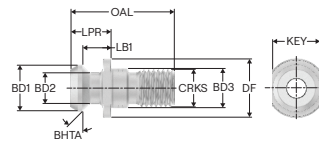
Shrinkfit

ISO / DIN
– Metric/ Inch

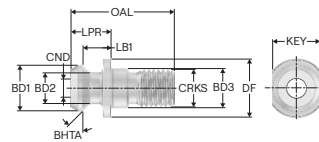
ISO 7388-3/ DIN 69871



Design 1 = Without through coolant



Design 2 = With through coolant



With chamfer



With radius



–* With external sealing ring
–** With internal sealing ring
–For ISO attribute explanation, see page 15

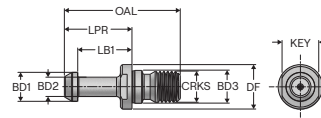
| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD3 | BD2 | BD1 | CND | KEY | CRKS | * / ** | BHTA° | | Design | Weight |
|----------------|-------------|---------------------------|-----------------|-----------------|-----------------|----------------|---------------|-----------------|-----------------|---------------|----------------|------------|--------|------------|-----------------|--------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | mm inch | With chamfer | | |
| PS-I40C-45-001 | 03119898 | ISO 40 | 44,4 1.748 | 16,4 0.646 | 11,15 0.439 | 22,5 0.886 | 17,0 0.669 | 12,95 0.510 | 18,95 0.746 | 7,35 0.289 | 18,0 0.709 | M16 | | ■ | 45,0 | 2 | 0,1 0.220 |
| PS-I40C-45-002 | 03119947 | DIN 40 | 41,25 1.624 | 16,25 0.640 | 11,18 0.440 | 21,8 0.858 | 17,0 0.669 | 12,45 0.490 | 18,8 0.740 | 7,0 0.276 | 19,0 0.748 | M16 | | ■ | 45,0 | 2 | 0,1 0.220 |
| PS-I40C-45-003 | 03119950 | DIN 40 | 44,106 1.736 | 19,106 0.752 | 14,026 0.552 | 22,0 0.866 | 17,0 0.669 | 12,446 0.490 | 18,796 0.740 | 7,0 0.276 | 19,0 0.748 | M16 | | ■ | 45,0 | 2 | 0,1 0.220 |
| PS-I50-45-001 | 03119897 | ISO 50 | 65,55 2.581 | 25,55 1.006 | 17,95 0.707 | 37,0 1.457 | 25,0 0.984 | 19,6 0.772 | 29,1 1.146 | – | 30,0 1.181 | M24 | * | ■ | 45,0 | 1 | 0,3 0.660 |
| PS-I50C-45-001 | 03119896 | ISO 50 | 65,55 2.581 | 25,55 1.006 | 17,95 0.707 | 37,0 1.457 | 25,0 0.984 | 19,6 0.772 | 29,1 1.146 | 11,5 0.453 | 30,0 1.181 | M24 | | ■ | 45,0 | 2 | 0,2 0.440 |
| PS-I50C-45-003 | 03119949 | DIN 50 | 65,4 2.575 | 25,4 1.000 | 17,78 0.700 | 36,56 1.439 | 25,0 0.984 | 20,828 0.820 | 28,956 1.140 | 10,0 0.394 | 30,15 1.187 | M24 | | ■ | 45,0 | 2 | 0,2 0.440 |
| PS-I50C-45-004 | 03119948 | DIN 50 | 65,4 2.575 | 25,4 1.000 | 17,78 0.700 | 36,56 1.439 | 25,0 0.984 | 20,828 0.820 | 28,956 1.140 | 10,0 0.394 | 30,15 1.187 | M24 | ** | ■ | 45,0 | 2 | 0,2 0.440 |

ISO / BT JIS
- Metric/ Inch

ISO 7388-3/ JIS B 6339



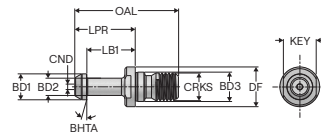
Design 1 = Without through coolant



With chamfer



Design 2 = With through coolant



With radius



- * With external sealing ring
- ** With internal and external sealing rings
- For ISO attribute explanation, see page 15

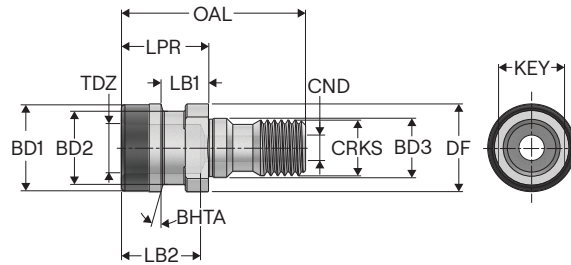
| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD3 | BD2 | BD1 | CND | KEY | CRKS | * / ** | BHTA° | | Design | Weight |
|----------------|-------------|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|------------|------------|------------|-----------------|----------------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | With chamfer | With radius | kg lbs |
| PS-B30-45-001 | 03119886 | BT 30 | 43,0 1.693 | 23,0 0.906 | 18,0 0.709 | 16,5 0.650 | 12,5 0.492 | 7,0 0.276 | 11,0 0.433 | - | 13,0 0.512 | M12 | | ■ | 45,0 | 1 | 0,1 0.220 |
| PS-B30-60-001 | 03119889 | BT 30 | 43,0 1.693 | 23,0 0.906 | 18,0 0.709 | 16,5 0.650 | 12,5 0.492 | 7,0 0.276 | 11,0 0.433 | - | 13,0 0.512 | M12 | | ■ | 30,0 | 1 | 0,1 0.220 |
| PS-B30C-45-001 | 03119887 | BT 30 | 43,0 1.693 | 23,0 0.906 | 18,0 0.709 | 16,5 0.650 | 12,5 0.492 | 7,0 0.276 | 11,0 0.433 | 3,0 0.118 | 13,0 0.512 | M12 | | ■ | 45,0 | 2 | 0,1 0.220 |
| PS-B30C-45-003 | 03119939 | BT 30 | 43,0 1.693 | 23,0 0.906 | 18,0 0.709 | 16,5 0.650 | 12,5 0.492 | 8,0 0.315 | 11,0 0.433 | 4,0 0.157 | 13,0 0.512 | M12 | * | ■ | 45,0 | 2 | 0,1 0.220 |
| PS-B30C-60-001 | 03119890 | BT 30 | 43,0 1.693 | 23,0 0.906 | 18,0 0.709 | 16,5 0.650 | 12,5 0.492 | 7,0 0.276 | 11,0 0.433 | 3,0 0.118 | 13,0 0.512 | M12 | | ■ | 30,0 | 2 | 0,1 0.220 |
| PS-B30C-60-002 | 03119891 | BT 30 | 43,0 1.693 | 23,0 0.906 | 18,0 0.709 | 16,5 0.650 | 12,5 0.492 | 7,5 0.295 | 11,0 0.433 | 3,0 0.118 | 13,0 0.512 | M12 | | ■ | 30,0 | 2 | 0,1 0.220 |
| PS-B40-45-001 | 03119894 | BT 40 | 60,0 2.362 | 35,0 1.378 | 28,0 1.102 | 23,0 0.906 | 17,0 0.669 | 10,0 0.394 | 15,0 0.591 | - | 19,0 0.748 | M16 | | ■ | 45,0 | 1 | 0,1 0.220 |
| PS-B40-60-001 | 03119906 | BT 40 | 60,0 2.362 | 35,0 1.378 | 28,0 1.102 | 23,0 0.906 | 17,0 0.669 | 10,0 0.394 | 15,0 0.591 | - | 19,0 0.748 | M16 | | ■ | 30,0 | 1 | 0,1 0.220 |
| PS-B40-90-001 | 03119884 | BT 40 | 60,0 2.362 | 35,0 1.378 | 28,0 1.102 | 23,0 0.906 | 17,0 0.669 | 10,0 0.394 | 15,0 0.591 | - | 19,0 0.748 | M16 | | ■ | 0,0 | 1 | 0,1 0.220 |
| PS-B40C-45-001 | 03119895 | BT 40 | 60,0 2.362 | 35,0 1.378 | 28,0 1.102 | 23,0 0.906 | 17,0 0.669 | 10,0 0.394 | 15,0 0.591 | 3,0 0.118 | 19,0 0.748 | M16 | | ■ | 45,0 | 2 | 0,1 0.220 |
| PS-B40C-60-001 | 03119930 | BT 40 | 60,0 2.362 | 35,0 1.378 | 28,0 1.102 | 23,0 0.906 | 17,0 0.669 | 10,0 0.394 | 15,0 0.591 | 3,0 0.118 | 19,0 0.748 | M16 | | ■ | 30,0 | 2 | 0,1 0.220 |
| PS-B40C-90-001 | 03119885 | BT 40 | 60,0 2.362 | 35,0 1.378 | 28,0 1.102 | 23,0 0.906 | 17,0 0.669 | 10,0 0.394 | 15,0 0.591 | 3,0 0.118 | 19,0 0.748 | M16 | | ■ | 0,0 | 2 | 0,1 0.220 |
| PS-B50-45-001 | 03119931 | BT 50 | 85,0 3.346 | 45,0 1.772 | 35,0 1.378 | 38,0 1.496 | 25,0 0.984 | 17,0 0.669 | 23,0 0.906 | - | 30,0 1.181 | M24 | | ■ | 45,0 | 1 | 0,3 0.660 |
| PS-B50-45-002 | 03119983 | BT 50 | 84,8 3.339 | 45,0 1.772 | 35,0 1.378 | 34,8 1.370 | 25,0 0.984 | 16,9 0.665 | 23,0 0.906 | - | 30,1 1.185 | M24 | | ■ | 45,0 | 1 | 0,3 0.660 |
| PS-B50-90-001 | 03119934 | BT 50 | 85,0 3.346 | 45,0 1.772 | 35,0 1.378 | 38,0 1.496 | 25,0 0.984 | 17,0 0.669 | 23,0 0.906 | - | 30,0 1.181 | M24 | | ■ | 0,0 | 1 | 0,3 0.660 |
| PS-B50C-45-001 | 03119932 | BT 50 | 85,0 3.346 | 45,0 1.772 | 35,0 1.378 | 38,0 1.496 | 25,0 0.984 | 17,0 0.669 | 23,0 0.906 | 8,5 0.335 | 30,0 1.181 | M24 | | ■ | 45,0 | 2 | 0,3 0.660 |
| PS-B50C-60-001 | 03119938 | BT 50 | 85,0 3.346 | 45,0 1.772 | 35,0 1.378 | 38,0 1.496 | 25,0 0.984 | 17,0 0.669 | 23,0 0.906 | 9,5 0.374 | 30,0 1.181 | M24 | | ■ | 30,0 | 2 | 0,3 0.660 |
| PS-B50C-90-001 | 03119933 | BT 50 | 71,0 2.795 | 31,0 1.220 | 23,0 0.906 | 36,0 1.417 | 25,0 0.984 | 18,0 0.709 | 24,0 0.945 | 6,0 0.236 | 30,0 1.181 | M24 | | ■ | 0,0 | 2 | 0,3 0.660 |
| PS-B50C-90-002 | 03119935 | BT 50 | 85,0 3.346 | 45,0 1.772 | 35,0 1.378 | 38,0 1.496 | 25,0 0.984 | 17,0 0.669 | 23,0 0.906 | 8,0 0.315 | 30,0 1.181 | M24 | | ■ | 0,0 | 2 | 0,3 0.660 |

Guide
 HSK-A
 HSK-E
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 BT JIS
 CAT
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 Seco Capto™
 Others
 Operating & setting accessories
 Shrinkfit

DIN
- Metric/ Inch



With through coolant



-For ISO attribute explanation, see page 15

| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD3 | BD2 | BD1 | CND | KEY | CRKS | TDZ | BHTA° | Weight |
|----------------|-------------|---------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|-----|-------|--------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | kg lbs |
| PS-B40C-75-001 | 03119936 | CAT DIN 40, DIN 2080 compatible | 53,1 2.091 | 25,1 0.988 | 13,7 0.539 | 25,3 0.996 | 17,0 0.669 | 21,1 0.831 | 25,3 0.996 | 7,35 0.289 | 18,0 0.709 | M16 | M16 | 15,0 | 0,1 0.220 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

Operating & setting accessories

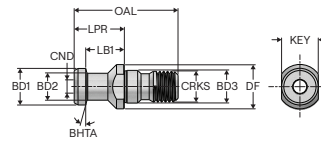
Shrinkfit

BT JIS
- Metric/ Inch

JIS B 6339



With through coolant



With chamfer



With radius



- * With external sealing ring
- ** With internal and external sealing rings
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD3 | BD2 | BD1 | CND | KEY | CRKS | * / ** | BHTA° | | Design Weight | |
|----------------|-------------|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|--------|------------|------------|---------------|--------------|
| | | | | | | | | | | | | | | mm inch | mm inch | | mm inch |
| PS-B40C-75-002 | 03119940 | BT 40 | 54,0 2.126 | 29,0 1.142 | 23,0 0.906 | 23,0 0.906 | 17,0 0.669 | 14,0 0.551 | 19,0 0.748 | 7,0 0.276 | 19,0 0.748 | M16 | | ■ | 15,0 | - | 0,1 0.220 |
| PS-B40C-75-003 | 03119987 | BT40 | 54,0 2.126 | 26,0 1.024 | 20,0 0.787 | 23,0 0.906 | 17,0 0.669 | 13,9 0.547 | 19,0 0.748 | 7,0 0.276 | 18,8 0.740 | M16 | | ■ | 15,0 | 1 | 0,1 0.220 |
| PS-B50C-75-001 | 03119973 | BT 50 | 74,0 2.913 | 34,0 1.339 | 25,0 0.984 | 38,0 1.496 | 25,0 0.984 | 21,0 0.827 | 28,0 1.102 | 11,5 0.453 | 30,0 1.181 | M24 | | ■ | 15,0 | - | 0,3 0.660 |

Guide

HSK-A

HSK-E

DIN

BT JIS

CAT

Combimaster

Graflex

Seco Capto™

Others

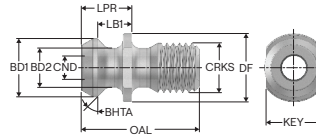
Operating & setting accessories

Shrinkfit

DIN / CAT-V
- Metric/ Inch



With through coolant



With chamfer



With radius



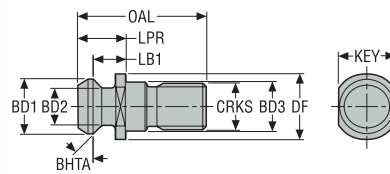
—* With external sealing ring
—** With internal and external sealing rings
—For ISO attribute explanation, see page 15

| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD2 | BD1 | CND | KEY | CRKS | * / ** | ADIF1 | BHTA° | Weight |
|----------------|-------------|--|---------------|----------------|---------------|---------------|----------------|---------------|---------------|---------------|------------|--------|--------------------------------------|-----------------|----------------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | mm inch | With chamfer | With radius |
| PS-V40C-45-001 | 03119892 | DIN CAT 40, ANSI B5-50 metric thread | 38,0 1.496 | 16,25 0.640 | 11,0 0.433 | 22,0 0.866 | 12,8 0.504 | 18,8 0.740 | 7,5 0.295 | 17,8 0.701 | M16 | — | Flange connec- tion: radius | 45,0 | 0,1 0.220 |
| PS-V50C-45-001 | 03119893 | DIN CAT 50, ANSI B5-50 metric thread | 58,4 2.299 | 25,4 1.000 | 17,8 0.701 | 36,5 1.437 | 19,45 0.766 | 29,0 1.142 | 11,5 0.453 | 30,0 1.181 | M24 | — | Flange connec- tion: radius | 45,0 | 0,2 0.440 |

CAT-V
- Inch



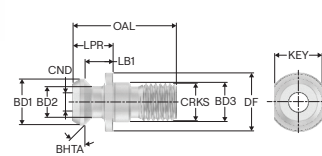
Design 1 = Without through coolant



With chamfer



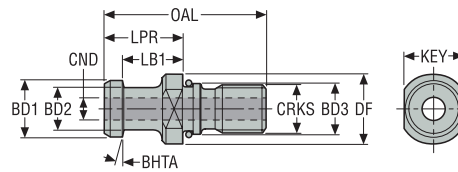
Design 2 = With through coolant



With radius



Design 3 = With through coolant



- * With external sealing ring
- ** With internal and external sealing rings
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD3 | BD2 | BD1 | CND | KEY | CRKS | * / ** | BHTA° | Design Weight | |
|----------------|-------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------|-------|---------------|-------|
| | | | | | | | | | | | | | | | inch | inch |
| PS-V40-45-003 | 03119989 | CAT 40 | 1.681 | 0.642 | 0.441 | 0.929 | 0.642 | 0.488 | 0.740 | - | 0.744 | 5/8-11 UNC | | 45,0 | 1 | 0.880 |
| PS-V40C-45-002 | 03119960 | CAT 40 | 1.500 | 0.642 | 0.441 | 0.929 | - | 0.488 | 0.740 | 0.280 | 0.744 | 5/8-11 UNC | | 45,0 | 2 | 0.220 |
| PS-V40C-45-004 | 03119963 | CAT 40 | 1.626 | 0.642 | 0.441 | 0.929 | - | 0.488 | 0.740 | 0.236 | 0.744 | 5/8-11 UNC | | 45,0 | 2 | 0.220 |
| PS-V40C-45-005 | 03119965 | CAT 40 | 1.650 | 0.642 | 0.441 | 0.929 | 0.669 | 0.492 | 0.740 | 0.280 | 0.752 | M16 | | 45,0 | 2 | 0.220 |
| PS-V40C-45-007 | 03119977 | CAT 40 | 1.500 | 0.642 | 0.441 | 0.929 | - | 0.492 | 0.740 | 0.280 | 0.744 | M16 | | 45,0 | 2 | 0.220 |
| PS-V40C-45-009 | 03119981 | CAT 40 | 1.681 | 0.642 | 0.441 | 0.929 | 0.642 | 0.488 | 0.740 | 0.280 | 0.744 | 5/8-11 UNC | | 45,0 | 2 | 0.220 |
| PS-V40C-75-001 | 03119964 | CAT 40 | 2.063 | 1.024 | 0.787 | 0.906 | 0.642 | 0.547 | 0.744 | 0.276 | 0.740 | 5/8-11 UNC | | 15,0 | 3 | 0.220 |
| PS-V40C-75-002 | 03119979 | CAT 40 | 2.008 | 1.028 | 0.791 | 0.906 | 0.642 | 0.547 | 0.744 | 0.236 | 0.740 | 5/8-11 UNC | * | 15,0 | 3 | 0.220 |
| PS-V50C-45-002 | 03119967 | CAT 50 | 2.299 | 1.000 | 0.701 | 1.429 | - | 0.819 | 1.142 | 0.469 | 1.252 | 1-8 UNC | | 45,0 | 2 | 0.440 |
| PS-V50C-45-005 | 03119970 | CAT 50 | 2.299 | 1.000 | 0.701 | 1.429 | 1.031 | 0.819 | 1.142 | 0.469 | 1.252 | 1-8 UNC | | 45,0 | 2 | 0.440 |
| PS-V50C-45-006 | 03119972 | CAT 50 | 2.579 | 1.000 | 0.701 | 1.429 | 0.984 | 0.819 | 1.142 | 0.469 | 1.252 | M24 | | 45,0 | 2 | 0.660 |
| PS-V50C-45-007 | 03119974 | CAT 50 | 2.539 | 1.000 | 0.701 | 1.429 | 1.031 | 0.819 | 1.142 | 0.280 | 1.252 | 1-8 UNC | | 45,0 | 2 | 0.440 |
| PS-V50C-45-008 | 03119976 | CAT 50 | 3.142 | 1.780 | 1.386 | 1.496 | 0.984 | 0.665 | 0.906 | 0.252 | 1.181 | 1-8 UNC | * | 45,0 | 3 | 0.660 |
| PS-V50C-60-001 | 03119971 | CAT 50 | 3.248 | 1.772 | 1.378 | 1.496 | 1.024 | 0.669 | 0.906 | 0.236 | 1.181 | 1-8 UNC | * | 30,0 | 3 | 0.660 |

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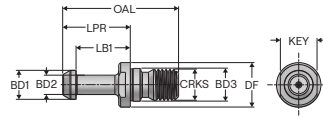
Others

Operating & setting accessories

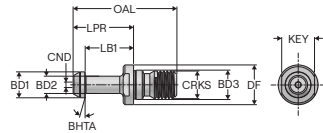
Shrinkfit



Design 1 = Without through coolant



Design 2 = With through coolant



With chamfer



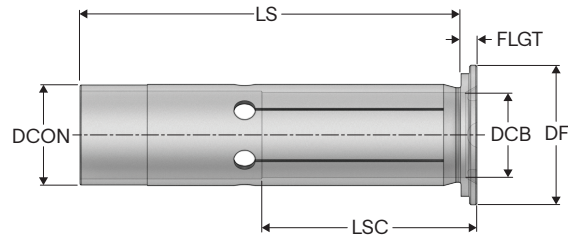
With radius



—* With external sealing ring
—** With internal and external sealing rings
—For ISO attribute explanation, see page 15

| Designation | Item number | Machine side For taper | OAL | LPR | LB1 | DF | BD3 | BD2 | BD1 | CND | KEY | CRKS | * / ** | BHTA° | Design | Weight | |
|----------------|-------------|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------|-------|--------|--------|-------|
| | | | | | | | | | | | | | | | | | inch |
| PS-V40-45-001 | 03119956 | CAT 40 | 2.252 | 1.272 | 0.988 | 0.941 | 0.614 | 0.394 | 0.591 | — | 0.744 | 5/8-11 UNC | | ■ | 45,0 | 1 | 0.220 |
| PS-V40-45-002 | 03119957 | CAT 40 | 2.303 | 1.264 | 0.988 | 0.941 | 0.642 | 0.394 | 0.591 | — | 0.744 | 5/8-11 UNC | | ■ | 45,0 | 1 | 0.220 |
| PS-V40-45-004 | 03119990 | CAT 40 | 2.264 | 1.264 | 1.000 | 0.909 | — | 0.394 | 0.591 | — | 0.744 | 5/8-11 UNC | | ■ | 45,0 | 1 | 0.440 |
| PS-V40-90-001 | 03119958 | CAT 40 | 2.315 | 1.276 | 0.988 | 0.858 | 0.642 | 0.390 | 0.587 | — | 0.689 | 5/8-11 UNC | | ■ | 0,0 | 1 | 0.220 |
| PS-V40C-45-003 | 03119961 | CAT 40 | 2.307 | 1.272 | 0.988 | 0.858 | 0.642 | 0.390 | 0.587 | 0.157 | 0.689 | 5/8-11 UNC | | ■ | 45,0 | 2 | 0.220 |
| PS-V40C-45-008 | 03119980 | CAT 40 | 2.303 | 1.264 | 0.988 | 0.941 | 0.642 | 0.394 | 0.591 | 0.197 | 0.744 | 5/8-11 UNC | | ■ | 45,0 | 2 | 0.220 |
| PS-V40C-45-010 | 03119986 | CAT 40 | 2.252 | 1.264 | 0.988 | 0.933 | 0.669 | 0.394 | 0.587 | 0.173 | 0.744 | M16 | | ■ | 45,0 | 2 | 0.220 |
| PS-V40C-75-004 | 03119988 | CAT 40 | 2.122 | 1.024 | 0.787 | 0.906 | 0.642 | 0.547 | 0.744 | 0.236 | 0.740 | 5/8-11 UNC | | ■ | 15,0 | 2 | 0.220 |
| PS-V50C-45-003 | 03119968 | CAT 50 | 3.331 | 1.787 | 1.374 | 1.370 | 1.031 | 0.661 | 0.898 | 0.252 | 1.185 | 1-8 UNC | | ■ | 45,0 | 2 | 0.660 |

Hydraulic chucks
- Metric/ Inch

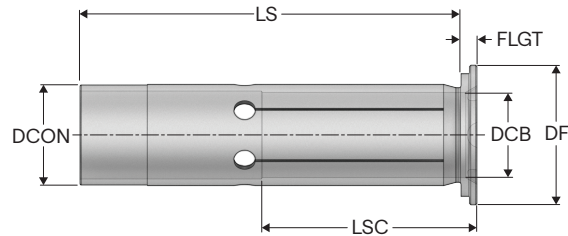


- Nominal clamping diameter only (no clamping range): tool shank tolerance h6 maximum
- ...L1 = with peripheral coolant
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side | | Workpiece side | | LS | FLGT | DF | LSC |
|-------------|-------------|---------------|---------------|----------------|--------------|---------------|----------------|------|------|
| | | DCON | DCB | DCON | DCB | | | | |
| | | mm | mm | mm | mm | mm | mm | mm | mm |
| | | inch | inch | inch | inch | inch | inch | inch | inch |
| 05FHC1203 | 10137358 | 12,0 0.472 | 3,0 0.118 | 45,0 0.608 | 2,0 0.079 | 16,5 0.650 | 15,45 0.608 | | |
| 05FHC1204 | 10137359 | 12,0 0.472 | 4,0 0.157 | 45,0 0.620 | 2,0 0.079 | 16,5 0.650 | 15,75 0.620 | | |
| 05FHC1205 | 10137360 | 12,0 0.472 | 5,0 0.197 | 45,0 0.634 | 2,0 0.079 | 16,5 0.650 | 16,1 0.634 | | |
| 05FHC1206 | 10137361 | 12,0 0.472 | 6,0 0.236 | 45,0 0.953 | 2,0 0.079 | 16,5 0.650 | 24,21 0.953 | | |
| 05FHC1208 | 10137362 | 12,0 0.472 | 8,0 0.315 | 45,0 0.977 | 2,0 0.079 | 16,5 0.650 | 24,81 0.977 | | |
| 05FHC1210 | 10137363 | 12,0 0.472 | 10,0 0.394 | 45,0 1.000 | 2,0 0.079 | 16,5 0.650 | 25,41 1.000 | | |
| 05FHC2003 | 10137364 | 20,0 0.787 | 3,0 0.118 | 50,5 0.616 | 2,0 0.079 | 24,0 0.945 | 15,65 0.616 | | |
| 05FHC2004 | 10137365 | 20,0 0.787 | 4,0 0.157 | 50,5 0.628 | 2,0 0.079 | 24,0 0.945 | 15,95 0.628 | | |
| 05FHC2005 | 10137366 | 20,0 0.787 | 5,0 0.197 | 50,5 0.640 | 2,0 0.079 | 24,0 0.945 | 16,25 0.640 | | |
| 05FHC2006 | 10137367 | 20,0 0.787 | 6,0 0.236 | 50,5 1.006 | 2,0 0.079 | 24,0 0.945 | 25,55 1.006 | | |
| 05FHC2008 | 10137368 | 20,0 0.787 | 8,0 0.315 | 50,5 1.030 | 2,0 0.079 | 24,0 0.945 | 26,15 1.030 | | |
| 05FHC2010 | 10137369 | 20,0 0.787 | 10,0 0.394 | 50,5 1.211 | 2,0 0.079 | 24,0 0.945 | 30,75 1.211 | | |
| 05FHC2012 | 10137370 | 20,0 0.787 | 12,0 0.472 | 50,5 1.367 | 2,0 0.079 | 24,0 0.945 | 34,71 1.367 | | |
| 05FHC2014 | 10137371 | 20,0 0.787 | 14,0 0.551 | 50,5 1.390 | 2,0 0.079 | 24,0 0.945 | 35,31 1.390 | | |
| 05FHC2016 | 10137372 | 20,0 0.787 | 16,0 0.630 | 50,5 1.414 | 2,0 0.079 | 24,0 0.945 | 35,91 1.414 | | |
| 05FHC3206 | 10137373 | 32,0 1.260 | 6,0 0.236 | 60,5 0.922 | 2,0 0.079 | 35,5 1.398 | 23,42 0.922 | | |
| 05FHC3208 | 10137374 | 32,0 1.260 | 8,0 0.315 | 60,5 0.946 | 2,0 0.079 | 35,5 1.398 | 24,03 0.946 | | |
| 05FHC3210 | 10137375 | 32,0 1.260 | 10,0 0.394 | 60,5 1.107 | 2,0 0.079 | 35,5 1.398 | 28,13 1.107 | | |
| 05FHC3212 | 10137376 | 32,0 1.260 | 12,0 0.472 | 60,5 1.131 | 2,0 0.079 | 35,5 1.398 | 28,73 1.131 | | |
| 05FHC3214 | 10137377 | 32,0 1.260 | 14,0 0.551 | 60,5 1.155 | 2,0 0.079 | 35,5 1.398 | 29,33 1.155 | | |
| 05FHC3216 | 10137378 | 32,0 1.260 | 16,0 0.630 | 60,5 1.583 | 2,0 0.079 | 35,5 1.398 | 40,2 1.583 | | |
| 05FHC3218 | 10137379 | 32,0 1.260 | 18,0 0.709 | 60,5 1.594 | 2,0 0.079 | 35,5 1.398 | 40,5 1.594 | | |
| 05FHC3220 | 10137380 | 32,0 1.260 | 20,0 0.787 | 60,5 1.618 | 2,0 0.079 | 35,5 1.398 | 41,1 1.618 | | |

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Shrinkfit

| Guide | Designation | Item number | Machine side | | Workpiece side | | LS | FLGT | DF | LSC |
|---------------------------------|-------------|-------------|---------------|------|----------------|------|---------------|--------------|---------------|----------------|
| | | | DCON | | DCB | | | | | |
| | | | mm | inch | mm | inch | mm | mm | mm | mm |
| | | | inch | | inch | | inch | inch | inch | inch |
| HSK-A | 05FHC3225 | 10137381 | 32,0 1.260 | | 25,0 0.984 | | 60,5 1.846 | 2,0 0.079 | 35,5 1.398 | 46,9 1.846 |
| | 05FHC1203L1 | 10137409 | 12,0 0.472 | | 3,0 0.118 | | 45,0 0.608 | 2,0 0.079 | 16,5 0.650 | 15,45 0.608 |
| | 05FHC1204L1 | 10137410 | 12,0 0.472 | | 4,0 0.157 | | 45,0 0.620 | 2,0 0.079 | 16,5 0.650 | 15,75 0.620 |
| HSK-E | 05FHC1205L1 | 10137411 | 12,0 0.472 | | 5,0 0.197 | | 45,0 0.632 | 2,0 0.079 | 16,5 0.650 | 16,05 0.632 |
| | 05FHC1206L1 | 10137412 | 12,0 0.472 | | 6,0 0.236 | | 45,0 0.953 | 2,0 0.079 | 16,5 0.650 | 24,21 0.953 |
| | 05FHC1208L1 | 10137413 | 12,0 0.472 | | 8,0 0.315 | | 45,0 0.977 | 2,0 0.079 | 16,5 0.650 | 24,81 0.977 |
| DIN | 05FHC2003L1 | 10137414 | 20,0 0.787 | | 3,0 0.118 | | 50,5 0.616 | 2,0 0.079 | 24,0 0.945 | 15,65 0.616 |
| | 05FHC2004L1 | 10137415 | 20,0 0.787 | | 4,0 0.157 | | 50,5 0.628 | 2,0 0.079 | 24,0 0.945 | 15,95 0.628 |
| | 05FHC2005L1 | 10137416 | 20,0 0.787 | | 5,0 0.197 | | 50,5 0.640 | 2,0 0.079 | 24,0 0.945 | 16,25 0.640 |
| | 05FHC2006L1 | 10137417 | 20,0 0.787 | | 6,0 0.236 | | 50,5 1.007 | 2,0 0.079 | 24,0 0.945 | 25,57 1.007 |
| BT JIS | 05FHC2008L1 | 10137418 | 20,0 0.787 | | 8,0 0.315 | | 50,5 1.030 | 2,0 0.079 | 24,0 0.945 | 26,15 1.030 |
| | 05FHC2010L1 | 10137419 | 20,0 0.787 | | 10,0 0.394 | | 50,5 1.211 | 2,0 0.079 | 24,0 0.945 | 30,75 1.211 |
| | 05FHC2012L1 | 10137420 | 20,0 0.787 | | 12,0 0.472 | | 50,5 1.367 | 2,0 0.079 | 24,0 0.945 | 34,71 1.367 |
| CAT | 05FHC2014L1 | 10137421 | 20,0 0.787 | | 14,0 0.551 | | 50,5 1.390 | 2,0 0.079 | 24,0 0.945 | 35,31 1.390 |
| | 05FHC2016L1 | 10137422 | 20,0 0.787 | | 16,0 0.630 | | 50,5 1.414 | 2,0 0.079 | 24,0 0.945 | 35,91 1.414 |
| | 05FHC3206L1 | 10137423 | 32,0 1.260 | | 6,0 0.236 | | 60,5 0.922 | 2,0 0.079 | 35,5 1.398 | 23,42 0.922 |
| Combimaster | 05FHC3208L1 | 10137424 | 32,0 1.260 | | 8,0 0.315 | | 60,5 0.946 | 2,0 0.079 | 35,5 1.398 | 24,02 0.946 |
| | 05FHC3210L1 | 10137425 | 32,0 1.260 | | 10,0 0.394 | | 60,5 1.107 | 2,0 0.079 | 35,5 1.398 | 28,13 1.107 |
| | 05FHC3212L1 | 10137426 | 32,0 1.260 | | 12,0 0.472 | | 60,5 1.131 | 2,0 0.079 | 35,5 1.398 | 28,73 1.131 |
| Graflex | 05FHC3214L1 | 10137427 | 32,0 1.260 | | 14,0 0.551 | | 60,5 1.155 | 2,0 0.079 | 35,5 1.398 | 29,33 1.155 |
| | 05FHC3216L1 | 10137428 | 32,0 1.260 | | 16,0 0.630 | | 60,5 1.583 | 2,0 0.079 | 35,5 1.398 | 40,2 1.583 |
| | 05FHC3218L1 | 10137429 | 32,0 1.260 | | 18,0 0.709 | | 60,5 1.594 | 2,0 0.079 | 35,5 1.398 | 40,5 1.594 |
| Seco Capto™ | 05FHC3220L1 | 10137430 | 32,0 1.260 | | 20,0 0.787 | | 60,5 1.618 | 2,0 0.079 | 35,5 1.398 | 41,1 1.618 |
| | 05FHC3225L1 | 10137431 | 32,0 1.260 | | 25,0 0.984 | | 60,5 1.847 | 2,0 0.079 | 35,5 1.398 | 46,91 1.847 |
| Others | | | | | | | | | | |
| Operating & setting accessories | | | | | | | | | | |
| Shrinkfit | | | | | | | | | | |

Hydraulic chucks
 – Inch


- Nominal clamping diameter only (no clamping range): tool shank tolerance h6 maximum
- ...L1 = with peripheral coolant
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side | Workpiece side | LS | FLGT | DF | LSC |
|---------------|-------------|--------------|----------------|-------------|-------------|-------------|-------------|
| | | DCON | DCB | | | | |
| | | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> |
| 05FHC120125 | 10137382 | 0.472 | 0.125 | 1.772 | 0.079 | 0.650 | 0.610 |
| 05FHC120187 | 10137383 | 0.472 | 0.188 | 1.772 | 0.079 | 0.650 | 0.629 |
| 05FHC120250 | 10137384 | 0.472 | 0.250 | 1.772 | 0.079 | 0.650 | 0.957 |
| 05FHC120312 | 10137385 | 0.472 | 0.313 | 1.772 | 0.079 | 0.650 | 0.976 |
| 05FHC120375 | 10137386 | 0.472 | 0.375 | 1.772 | 0.079 | 0.650 | 0.995 |
| 05FHC200125 | 10137387 | 0.787 | 0.125 | 1.988 | 0.079 | 0.945 | 0.618 |
| 05FHC200187 | 10137388 | 0.787 | 0.188 | 1.988 | 0.079 | 0.945 | 0.637 |
| 05FHC200250 | 10137389 | 0.787 | 0.250 | 1.988 | 0.079 | 0.945 | 1.010 |
| 05FHC200312 | 10137390 | 0.787 | 0.313 | 1.988 | 0.079 | 0.945 | 1.029 |
| 05FHC200375 | 10137391 | 0.787 | 0.375 | 1.988 | 0.079 | 0.945 | 1.048 |
| 05FHC200437 | 10137392 | 0.787 | 0.438 | 1.988 | 0.079 | 0.945 | 1.224 |
| 05FHC200500 | 10137393 | 0.787 | 0.500 | 1.988 | 0.079 | 0.945 | 1.375 |
| 05FHC200562 | 10137394 | 0.787 | 0.563 | 1.988 | 0.079 | 0.945 | 1.394 |
| 05FHC200625 | 10137395 | 0.787 | 0.625 | 1.988 | 0.079 | 0.945 | 1.412 |
| 05FHC320250 | 10137396 | 1.260 | 0.250 | 2.382 | 0.079 | 1.398 | 0.926 |
| 05FHC320312 | 10137397 | 1.260 | 0.313 | 2.382 | 0.079 | 1.398 | 0.945 |
| 05FHC320375 | 10137398 | 1.260 | 0.375 | 2.382 | 0.079 | 1.398 | 1.102 |
| 05FHC320437 | 10137399 | 1.260 | 0.438 | 2.382 | 0.079 | 1.398 | 1.120 |
| 05FHC320500 | 10137400 | 1.260 | 0.500 | 2.382 | 0.079 | 1.398 | 1.139 |
| 05FHC320562 | 10137401 | 1.260 | 0.563 | 2.382 | 0.079 | 1.398 | 1.158 |
| 05FHC320625 | 10137402 | 1.260 | 0.625 | 2.382 | 0.079 | 1.398 | 1.581 |
| 05FHC320687 | 10137403 | 1.260 | 0.687 | 2.382 | 0.079 | 1.398 | 1.588 |
| 05FHC320750 | 10137404 | 1.260 | 0.750 | 2.382 | 0.079 | 1.398 | 1.607 |
| 05FHC320812 | 10137405 | 1.260 | 0.812 | 2.382 | 0.079 | 1.398 | 1.600 |
| 05FHC320875 | 10137406 | 1.260 | 0.875 | 2.382 | 0.079 | 1.398 | 1.619 |
| 05FHC320937 | 10137407 | 1.260 | 0.937 | 2.382 | 0.079 | 1.398 | 1.833 |
| 05FHC321000 | 10137408 | 1.260 | 1.000 | 2.382 | 0.079 | 1.398 | 1.850 |
| 05FHC120125L1 | 10137432 | 0.472 | 0.125 | 1.772 | 0.079 | 0.650 | 0.610 |
| 05FHC120187L1 | 10137433 | 0.472 | 0.188 | 1.772 | 0.079 | 0.650 | 0.629 |
| 05FHC120250L1 | 10137434 | 0.472 | 0.250 | 1.772 | 0.079 | 0.650 | 0.957 |
| 05FHC120312L1 | 10137435 | 0.472 | 0.313 | 1.772 | 0.079 | 0.650 | 0.976 |
| 05FHC120375L1 | 10137436 | 0.472 | 0.375 | 1.772 | 0.079 | 0.650 | 0.995 |
| 05FHC200187L1 | 10137438 | 0.787 | 0.188 | 1.988 | 0.079 | 0.945 | 0.637 |
| 05FHC200250L1 | 10137439 | 0.787 | 0.250 | 1.988 | 0.079 | 0.945 | 1.010 |
| 05FHC200312L1 | 10137440 | 0.787 | 0.313 | 1.988 | 0.079 | 0.945 | 1.029 |

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Graflex

Seco Capto™

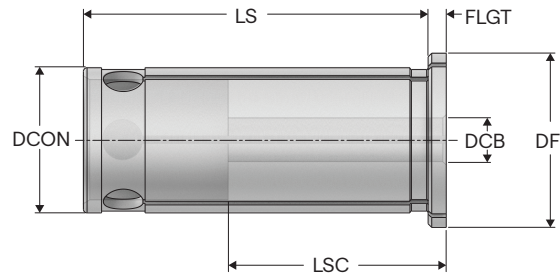
Others

Operating & setting accessories

Shrinkfit

| Guide | Designation | Item number | Machine side | Workpiece side | LS | FLGT | DF | LSC |
|---------------------------------|---------------|-------------|--------------|----------------|-------------|-------------|-------------|-------------|
| | | | DCON | DCB | | | | |
| | | | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> |
| | 05FHC200375L1 | 10137441 | 0.787 | 0.375 | 1.988 | 0.079 | 0.945 | 1.048 |
| | 05FHC200437L1 | 10137442 | 0.787 | 0.438 | 1.988 | 0.079 | 0.945 | 1.224 |
| HSK-A | 05FHC200500L1 | 10137443 | 0.787 | 0.500 | 1.988 | 0.079 | 0.945 | 1.375 |
| | 05FHC200562L1 | 10137444 | 0.787 | 0.563 | 1.988 | 0.079 | 0.945 | 1.394 |
| | 05FHC200625L1 | 10137445 | 0.787 | 0.625 | 1.988 | 0.079 | 0.945 | 1.412 |
| | 05FHC200125L1 | 10137437 | 0.787 | 0.125 | 1.988 | 0.079 | 0.945 | 0.618 |
| | 05FHC320500L1 | 10137446 | 1.260 | 0.500 | 2.382 | 0.079 | 1.398 | 1.139 |
| HSK-E | 05FHC320625L1 | 10137447 | 1.260 | 0.625 | 2.382 | 0.079 | 1.398 | 1.581 |
| | 05FHC320750L1 | 10137448 | 1.260 | 0.750 | 2.382 | 0.079 | 1.398 | 1.607 |
| | 05FHC320875L1 | 10137449 | 1.260 | 0.875 | 2.382 | 0.079 | 1.398 | 1.619 |
| | 05FHC321000L1 | 10137450 | 1.260 | 1.000 | 2.382 | 0.079 | 1.398 | 1.850 |
| DIN | | | | | | | | |
| BT JIS | | | | | | | | |
| CAT | | | | | | | | |
| Combimaster | | | | | | | | |
| Graflex | | | | | | | | |
| Seco Capto™ | | | | | | | | |
| Others | | | | | | | | |
| Operating & setting accessories | | | | | | | | |
| Shrinkfit | | | | | | | | |

Power milling chucks
- Metric/ Inch



-Nominal clamping diameter only (no clamping range): tool shank tolerance h6 maximum
-For ISO attribute explanation, see page 15

| Designation | Item number | Machine side | Workpiece side | LS | FLGT | DF | LSC |
|-------------|-------------|---------------|----------------|---------------|--------------|---------------|---------------|
| | | DCON | DCB | | | | |
| | | mm | mm | mm | mm | mm | mm |
| | | inch | inch | inch | inch | inch | inch |
| 05FPMC2006 | 03211223 | 20,0 0.787 | 6,0 0.236 | 47,5 1.181 | 2,5 0.098 | 24,0 0.945 | 30,0 1.181 |
| 05FPMC2008 | 03211224 | 20,0 0.787 | 8,0 0.315 | 47,5 1.260 | 2,5 0.098 | 24,0 0.945 | 32,0 1.260 |
| 05FPMC2010 | 03211225 | 20,0 0.787 | 10,0 0.394 | 47,5 1.378 | 2,5 0.098 | 24,0 0.945 | 35,0 1.378 |
| 05FPMC2012 | 03211226 | 20,0 0.787 | 12,0 0.472 | 47,5 1.378 | 2,5 0.098 | 24,0 0.945 | 35,0 1.378 |
| 05FPMC2014 | 03211227 | 20,0 0.787 | 14,0 0.551 | 47,5 1.378 | 2,5 0.098 | 24,0 0.945 | 35,0 1.378 |
| 05FPMC2016 | 03211228 | 20,0 0.787 | 16,0 0.630 | 47,5 1.575 | 2,5 0.098 | 24,0 0.945 | 40,0 1.575 |
| 05FPMC3210 | 03211229 | 32,0 1.260 | 10,0 0.394 | 60,5 1.378 | 2,5 0.098 | 36,0 1.417 | 35,0 1.378 |
| 05FPMC3212 | 03211230 | 32,0 1.260 | 12,0 0.472 | 60,5 1.575 | 2,5 0.098 | 36,0 1.417 | 40,0 1.575 |
| 05FPMC3214 | 03211231 | 32,0 1.260 | 14,0 0.551 | 60,5 1.575 | 2,5 0.098 | 36,0 1.417 | 40,0 1.575 |
| 05FPMC3216 | 03211232 | 32,0 1.260 | 16,0 0.630 | 60,5 1.575 | 2,5 0.098 | 36,0 1.417 | 40,0 1.575 |
| 05FPMC3218 | 03211233 | 32,0 1.260 | 18,0 0.709 | 60,5 1.732 | 2,5 0.098 | 36,0 1.417 | 44,0 1.732 |
| 05FPMC3220 | 03211234 | 32,0 1.260 | 20,0 0.787 | 60,5 1.732 | 2,5 0.098 | 36,0 1.417 | 44,0 1.732 |
| 05FPMC3225 | 03211235 | 32,0 1.260 | 25,0 0.984 | 60,5 1.890 | 2,5 0.098 | 36,0 1.417 | 48,0 1.890 |

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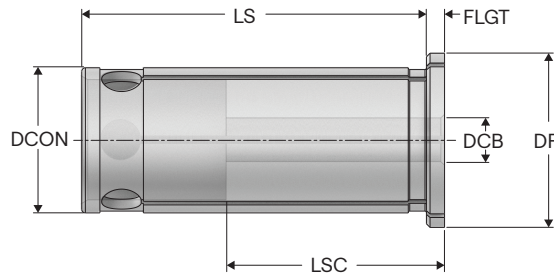
Seco Capto™

Others

Operating & setting accessories

Shrinkfit

Power milling chucks
– Inch



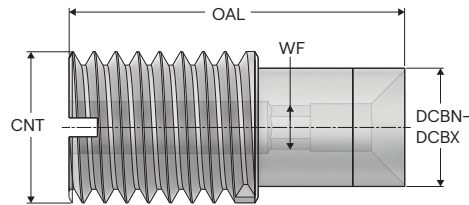
–Nominal clamping diameter only (no clamping range): tool shank tolerance h6 maximum
–For ISO attribute explanation, see page 15

| Designation | Item number | Machine side | Workpiece side | LS | FLGT | DF | LSC |
|----------------|-------------|--------------|----------------|-------------|-------------|-------------|-------------|
| | | DCON | DCB | | | | |
| | | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> |
| 05FPMC075006 | 03211245 | 0.750 | 0.236 | 1.870 | 0.098 | 0.945 | 1.181 |
| 05FPMC07500250 | 03211256 | 0.750 | 0.250 | 1.870 | 0.098 | 0.945 | 1.181 |
| 05FPMC075008 | 03211246 | 0.750 | 0.315 | 1.870 | 0.098 | 0.945 | 1.260 |
| 05FPMC07500375 | 03211257 | 0.750 | 0.375 | 1.870 | 0.098 | 0.945 | 1.378 |
| 05FPMC075010 | 03211247 | 0.750 | 0.394 | 1.870 | 0.098 | 0.945 | 1.378 |
| 05FPMC075012 | 03211248 | 0.750 | 0.472 | 1.870 | 0.098 | 0.945 | 1.378 |
| 05FPMC07500500 | 03211258 | 0.750 | 0.500 | 1.870 | 0.098 | 0.945 | 1.378 |
| 05FPMC07500625 | 03211259 | 0.750 | 0.625 | 1.870 | 0.098 | 0.945 | 1.575 |
| 05FPMC075016 | 03211249 | 0.750 | 0.630 | 1.870 | 0.098 | 0.945 | 1.575 |
| 05FPMC200250 | 03211236 | 0.787 | 0.250 | 1.870 | 0.098 | 0.945 | 1.181 |
| 05FPMC200375 | 03211237 | 0.787 | 0.375 | 1.870 | 0.098 | 0.945 | 1.378 |
| 05FPMC200500 | 03211238 | 0.787 | 0.500 | 1.870 | 0.098 | 0.945 | 1.378 |
| 05FPMC200625 | 03211239 | 0.787 | 0.625 | 1.870 | 0.098 | 0.945 | 1.575 |
| 05FPMC12500375 | 03211260 | 1.250 | 0.375 | 2.382 | 0.098 | 1.417 | 1.378 |
| 05FPMC125010 | 03211250 | 1.250 | 0.394 | 2.382 | 0.098 | 1.417 | 1.378 |
| 05FPMC125012 | 03211251 | 1.250 | 0.472 | 2.382 | 0.098 | 1.417 | 1.575 |
| 05FPMC12500500 | 03211261 | 1.250 | 0.500 | 2.382 | 0.098 | 1.417 | 1.575 |
| 05FPMC12500625 | 03211262 | 1.250 | 0.625 | 2.382 | 0.098 | 1.417 | 1.575 |
| 05FPMC125016 | 03211252 | 1.250 | 0.630 | 2.382 | 0.098 | 1.417 | 1.575 |
| 05FPMC125018 | 03211253 | 1.250 | 0.709 | 2.382 | 0.098 | 1.417 | 1.732 |
| 05FPMC12500750 | 03211263 | 1.250 | 0.750 | 2.382 | 0.098 | 1.417 | 1.732 |
| 05FPMC125020 | 03211254 | 1.250 | 0.787 | 2.382 | 0.098 | 1.417 | 1.732 |
| 05FPMC125025 | 03211255 | 1.250 | 0.984 | 2.382 | 0.098 | 1.417 | 1.890 |
| 05FPMC12501000 | 03211264 | 1.250 | 1.000 | 2.382 | 0.098 | 1.417 | 1.890 |
| 05FPMC320375 | 03211240 | 1.260 | 0.375 | 2.382 | 0.098 | 1.417 | 1.378 |
| 05FPMC320500 | 03211241 | 1.260 | 0.500 | 2.382 | 0.098 | 1.417 | 1.575 |
| 05FPMC320625 | 03211242 | 1.260 | 0.625 | 2.382 | 0.098 | 1.417 | 1.575 |
| 05FPMC320750 | 03211243 | 1.260 | 0.750 | 2.382 | 0.098 | 1.417 | 1.732 |
| 05FPMC321000 | 03211244 | 1.260 | 1.000 | 2.382 | 0.098 | 1.417 | 1.890 |

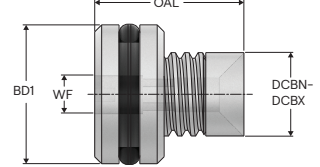
- Metric/ Inch



Design 1



Design 2



- For reliable coolant flow for tools with coolant through channel(s)
- Select the suitable screw in the 'Stop screws for through coolant' selection chart
- For ISO attribute explanation, see page 15

| Designation | Item number | DCBN | DCBX | OAL | BD1 | WF | CNT | Design |
|-------------|-------------|---------------|---------------|---------------|---------------|--------------|-----|--------|
| | | mm inch | mm inch | mm inch | mm inch | mm inch | | |
| 19BPMC2001A | 03211273 | 6,0 0.236 | 12,0 0.472 | 21,5 0.846 | 20,0 0.787 | 4,0 0.157 | - | 2 |
| 19BPMC2001B | 03211274 | 14,0 0.551 | 20,0 0.787 | 18,0 0.709 | 20,0 0.787 | 4,0 0.157 | - | 2 |
| 19BPMC2002A | 03211275 | 6,0 0.236 | 12,0 0.472 | 35,5 1.398 | - | 4,0 0.157 | M16 | 1 |
| 19BPMC2002B | 03211276 | 14,0 0.551 | 20,0 0.787 | 27,5 1.083 | - | 4,0 0.157 | M16 | 1 |
| 19BPMC3201A | 03211277 | 6,0 0.236 | 12,0 0.472 | 37,5 1.476 | 32,0 1.260 | 4,0 0.157 | - | 2 |
| 19BPMC3201B | 03211278 | 14,0 0.551 | 20,0 0.787 | 31,0 1.220 | 32,0 1.260 | 4,0 0.157 | - | 2 |
| 19BPMC3201C | 03211279 | 25,0 0.984 | 32,0 1.260 | 28,5 1.122 | 32,0 1.260 | 4,0 0.157 | - | 2 |
| 19BPMC3203A | 03211280 | 6,0 0.236 | 12,0 0.472 | 55,5 2.185 | - | 4,0 0.157 | M16 | 1 |
| 19BPMC3203B | 03211281 | 14,0 0.551 | 20,0 0.787 | 52,0 2.047 | - | 4,0 0.157 | M16 | 1 |
| 19BPMC3203C | 03211282 | 25,0 0.984 | 32,0 1.260 | 37,5 1.476 | - | 4,0 0.157 | M16 | 1 |
| 19BPMC3204A | 03211283 | 6,0 0.236 | 12,0 0.472 | 77,5 3.051 | - | 4,0 0.157 | M16 | 1 |
| 19BPMC3204B | 03211284 | 14,0 0.551 | 20,0 0.787 | 74,0 2.913 | - | 4,0 0.157 | M16 | 1 |
| 19BPMC3204C | 03211285 | 25,0 0.984 | 32,0 1.260 | 58,5 2.303 | - | 4,0 0.157 | M16 | 1 |

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Selection chart for Stop screws for coolant through, for Power milling chucks:
selection is according to PMC \varnothing size used, taper type and tool shank diameter.

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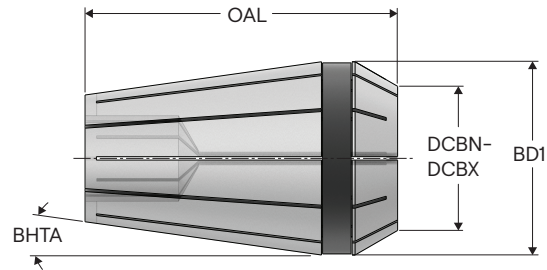
Operating & setting accessories

Shrinkfit

| PMC \varnothing size | Taper type | Tool shank \varnothing | Designation Screw | Item number |
|------------------------|--------------------------------|--------------------------|-------------------|-------------|
| 20 | HSK63 / HSK 100 / C6 / C8 | 6 - 8 - 10 - 12 | 19BPMC2001A | 03211273 |
| 20 | HSK63 / HSK 100 / C6 / C8 | 14 - 16 - 18 - 20 | 19BPMC2001B | 03211274 |
| 20 | DIN 40 / DIN 50 / BT40 / BT 50 | 6 - 8 - 10 - 12 | 19BPMC2002A | 03211275 |
| 20 | DIN 40 / DIN 50 / BT40 / BT 50 | 14 - 16 - 18 - 20 | 19BPMC2002B | 03211276 |
| 32 | HSK63 / HSK 100 / C6 / C8 | 6 - 8 - 10 - 12 | 19BPMC3201A | 03211277 |
| 32 | HSK63 / HSK 100 / C6 / C8 | 14 - 16 - 18 - 20 | 19BPMC3201B | 03211278 |
| 32 | HSK63 / HSK 100 / C6 / C8 | 25 - 32 | 19BPMC3201C | 03211279 |
| 32 | DIN 40 / BT 40 | 6 - 8 - 10 - 12 | 19BPMC3203A | 03211280 |
| 32 | DIN 40 / BT 40 | 14 - 16 - 18 - 20 | 19BPMC3203B | 03211281 |
| 32 | DIN 40 / BT 40 | 25 - 32 | 19BPMC3203C | 03211282 |
| 32 | DIN 50 / BT 50 | 6 - 8 - 10 - 12 | 19BPMC3204A | 03211283 |
| 32 | DIN 50 / BT 50 | 14 - 16 - 18 - 20 | 19BPMC3204B | 03211284 |
| 32 | DIN 50 / BT 50 | 25 - 32 | 19BPMC3204C | 03211285 |
| PMC \varnothing size | Taper type | Tool shank \varnothing | Designation Screw | Item number |
| 3/4 | HSK63 / HSK 100 | 1/4 - 3/8 | 19BPMC190505D | 03211287 |
| 3/4 | HSK63 / HSK 100 | 1/2 - 5/8 | 19BPMC190505E | 03211288 |
| 3/4 | CAT 40 / CAT 50 | 1/4 - 3/8 | 19BPMC190506D | 03211289 |
| 3/4 | CAT 40 / CAT 50 | 1/2 - 5/8 | 19BPMC190506E | 03211290 |
| 1-1/4 | HSK63 / HSK 100 | 3/8 - 1/2 | 19BPMC317505F | 03211291 |
| 1-1/4 | HSK63 / HSK 100 | 5/8 - 3/4 | 19BPMC317505G | 03211292 |
| 1-1/4 | HSK63 / HSK 100 | 1 - 1-1/4 | 19BPMC317505H | 03211293 |
| 1-1/4 | CAT 40 / CAT 50 | 3/8 - 1/2 | 19BPMC317506F | 03211294 |
| 1-1/4 | CAT 40 / CAT 50 | 5/8 - 3/4 | 19BPMC317506G | 03211295 |
| 1-1/4 | CAT 40 / CAT 50 | 1 - 1-1/4 | 19BPMC317506H | 03211296 |

Not sealed
- Metric/ Inch

Similar to ISO 15488-B



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX when assembled on a HP collet chuck, ERHP 5672
- Nominal clamping diameter only (no clamping range): tool shank tolerance h10 maximum
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | | OAL | BD1 | BHTA° |
|-------------|-------------|----------------------------|---|-------|------|------|-------|
| | | | mm | inch | | | |
| 56721101 | 02882782 | HP 11 | 1,0 | 0.039 | 18,0 | 11,5 | 8,0 |
| 567211015 | 02882783 | HP 11 | 1,5 | 0.059 | 18,0 | 11,5 | 8,0 |
| 56721102 | 02882784 | HP 11 | 2,0 | 0.079 | 18,0 | 11,5 | 8,0 |
| 567211025 | 02882785 | HP 11 | 2,5 | 0.098 | 18,0 | 11,5 | 8,0 |
| 56721103 | 02882786 | HP 11 | 3,0 | 0.118 | 18,0 | 11,5 | 8,0 |
| 567211035 | 02882787 | HP 11 | 3,5 | 0.138 | 18,0 | 11,5 | 8,0 |
| 56721104 | 02882788 | HP 11 | 4,0 | 0.157 | 18,0 | 11,5 | 8,0 |
| 567211045 | 02882789 | HP 11 | 4,5 | 0.177 | 18,0 | 11,5 | 8,0 |
| 56721105 | 02882791 | HP 11 | 5,0 | 0.197 | 18,0 | 11,5 | 8,0 |
| 567211055 | 02882792 | HP 11 | 5,5 | 0.217 | 18,0 | 11,5 | 8,0 |
| 56721106 | 02882793 | HP 11 | 6,0 | 0.236 | 18,0 | 11,5 | 8,0 |
| 567211065 | 02882794 | HP 11 | 6,5 | 0.256 | 18,0 | 11,5 | 8,0 |
| 56721107 | 02882795 | HP 11 | 7,0 | 0.276 | 18,0 | 11,5 | 8,0 |
| 56721601 | 02828312 | HP 16 | 1,0 | 0.039 | 27,5 | 17,0 | 8,0 |
| 567216015 | 02828313 | HP 16 | 1,5 | 0.059 | 27,5 | 17,0 | 8,0 |
| 56721602 | 02828314 | HP 16 | 2,0 | 0.079 | 27,5 | 17,0 | 8,0 |
| 567216025 | 02828315 | HP 16 | 2,5 | 0.098 | 27,5 | 17,0 | 8,0 |
| 56721603 | 02828316 | HP 16 | 3,0 | 0.118 | 27,5 | 17,0 | 8,0 |
| 567216035 | 02828317 | HP 16 | 3,5 | 0.138 | 27,5 | 17,0 | 8,0 |
| 56721604 | 02828318 | HP 16 | 4,0 | 0.157 | 27,5 | 17,0 | 8,0 |
| 567216045 | 02828319 | HP 16 | 4,5 | 0.177 | 27,5 | 17,0 | 8,0 |
| 56721605 | 02828320 | HP 16 | 5,0 | 0.197 | 27,5 | 17,0 | 8,0 |

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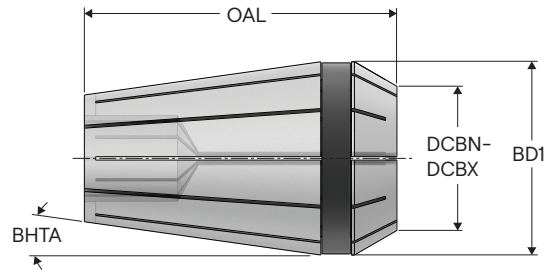
| Guide | Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size | | OAL | BD1 | BHTA° |
|---------------------------------|-------------|-------------|----------------------------|------------------------------------|---------------|---------------|------------|-------|
| | | | | DCBN-DCBX | | | | |
| | | | | mm inch | mm inch | | mm inch | |
| HSK-A | 567216055 | 02828321 | HP 16 | 5,5 0.217 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| | 56721606 | 02828322 | HP 16 | 6,0 0.236 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| | 567216065 | 02828323 | HP 16 | 6,5 0.256 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| HSK-E | 56721607 | 02828324 | HP 16 | 7,0 0.276 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| | 567216075 | 02828325 | HP 16 | 7,5 0.295 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| | 56721608 | 02828326 | HP 16 | 8,0 0.315 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| DIN | 567216085 | 02828327 | HP 16 | 8,5 0.335 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| | 56721609 | 02828328 | HP 16 | 9,0 0.354 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| | 567216095 | 02828329 | HP 16 | 9,5 0.374 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| BT JIS | 56721610 | 02828330 | HP 16 | 10,0 0.394 | 27,5 1.083 | 17,0 0.669 | 8,0 | |
| | 56722502 | 02828342 | HP 25 | 2,0 0.079 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 567225025 | 02828343 | HP 25 | 2,5 0.098 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| CAT | 56722503 | 02828344 | HP 25 | 3,0 0.118 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 567225035 | 02828345 | HP 25 | 3,5 0.138 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722504 | 02828346 | HP 25 | 4,0 0.157 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| Combimaster | 567225045 | 02828347 | HP 25 | 4,5 0.177 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722505 | 02828348 | HP 25 | 5,0 0.197 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 567225055 | 02828349 | HP 25 | 5,5 0.217 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| Graflex | 56722506 | 02828350 | HP 25 | 6,0 0.236 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 567225065 | 02828351 | HP 25 | 6,5 0.256 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722507 | 02828352 | HP 25 | 7,0 0.276 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| Seco Capto™ | 567225075 | 02828353 | HP 25 | 7,5 0.295 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722508 | 02828354 | HP 25 | 8,0 0.315 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 567225085 | 02828355 | HP 25 | 8,5 0.335 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| Others | 56722509 | 02828356 | HP 25 | 9,0 0.354 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 567225095 | 02828357 | HP 25 | 9,5 0.374 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722510 | 02828358 | HP 25 | 10,0 0.394 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| Operating & setting accessories | 56722511 | 02828359 | HP 25 | 11,0 0.433 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722512 | 02828360 | HP 25 | 12,0 0.472 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722513 | 02828361 | HP 25 | 13,0 0.512 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| Shrinkfit | 56722514 | 02828362 | HP 25 | 14,0 0.551 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722515 | 02828363 | HP 25 | 15,0 0.591 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 56722516 | 02828364 | HP 25 | 16,0 0.630 | 34,0 1.339 | 26,0 1.024 | 8,0 | |

| Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | | OAL | BD1 | BHTA° |
|-------------|-------------|----------------------------|---|-------------------|---------------|---------------|-------|
| | | | mm <i>inch</i> | mm <i>inch</i> | | | |
| 56723202 | 02828366 | HP 32 | 2,0 0.079 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723203 | 02828367 | HP 32 | 3,0 0.118 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723204 | 02828368 | HP 32 | 4,0 0.157 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723205 | 02828369 | HP 32 | 5,0 0.197 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723206 | 02828370 | HP 32 | 6,0 0.236 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723207 | 02828371 | HP 32 | 7,0 0.276 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723208 | 02828372 | HP 32 | 8,0 0.315 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723209 | 02828373 | HP 32 | 9,0 0.354 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723210 | 02828374 | HP 32 | 10,0 0.394 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723211 | 02828375 | HP 32 | 11,0 0.433 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723212 | 02828376 | HP 32 | 12,0 0.472 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723213 | 02828377 | HP 32 | 13,0 0.512 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723214 | 02828378 | HP 32 | 14,0 0.551 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723215 | 02828379 | HP 32 | 15,0 0.591 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723216 | 02828380 | HP 32 | 16,0 0.630 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723217 | 02828381 | HP 32 | 17,0 0.669 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723218 | 02828382 | HP 32 | 18,0 0.709 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723219 | 02828383 | HP 32 | 19,0 0.748 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 56723220 | 02828384 | HP 32 | 20,0 0.787 | 40,0 1.575 | 40,0 1.575 | 33,0 1.299 | 8,0 |

| |
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Not sealed
 – Inch

Similar to ISO 15488-B

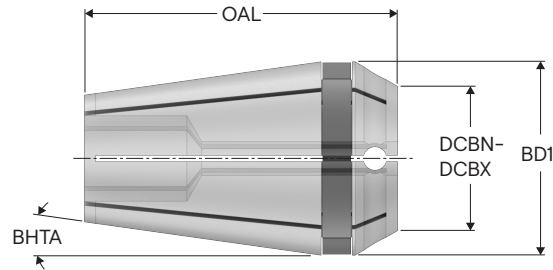
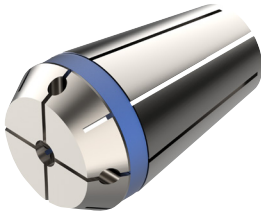


–Run-out 3 µm maximum at 3 x ØDCBN-DCBX when assembled on a HP collet chuck, ERHP 5672
 –Nominal clamping diameter only (no clamping range): tool shank tolerance h10 maximum
 –For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | | OAL | BD1 | BHTA° |
|-------------|-------------|----------------------------|---|-------|-------|-----|-------|
| | | | inch | inch | | | |
| 5672110158 | 02882796 | HP 11 | 0.062 | 0.709 | 0.453 | 8,0 | |
| 5672110317 | 02882797 | HP 11 | 0.125 | 0.709 | 0.453 | 8,0 | |
| 5672110476 | 02882798 | HP 11 | 0.188 | 0.709 | 0.453 | 8,0 | |
| 5672110635 | 02882799 | HP 11 | 0.250 | 0.709 | 0.453 | 8,0 | |
| 5672160317 | 02828385 | HP 16 | 0.125 | 1.083 | 0.669 | 8,0 | |
| 5672160476 | 02828386 | HP 16 | 0.188 | 1.083 | 0.669 | 8,0 | |
| 5672160635 | 02828417 | HP 16 | 0.250 | 1.083 | 0.669 | 8,0 | |
| 5672160952 | 02828428 | HP 16 | 0.375 | 1.083 | 0.669 | 8,0 | |
| 5672250317 | 02828429 | HP 25 | 0.125 | 1.339 | 1.024 | 8,0 | |
| 5672250476 | 02828434 | HP 25 | 0.188 | 1.339 | 1.024 | 8,0 | |
| 5672250635 | 02828435 | HP 25 | 0.250 | 1.339 | 1.024 | 8,0 | |
| 5672250793 | 02828436 | HP 25 | 0.313 | 1.339 | 1.024 | 8,0 | |
| 5672250952 | 02828446 | HP 25 | 0.375 | 1.339 | 1.024 | 8,0 | |
| 567225127 | 02828387 | HP 25 | 0.500 | 1.339 | 1.024 | 8,0 | |
| 5672320317 | 02828448 | HP 32 | 0.125 | 1.575 | 1.299 | 8,0 | |
| 5672320635 | 02828452 | HP 32 | 0.250 | 1.575 | 1.299 | 8,0 | |
| 5672320952 | 02828453 | HP 32 | 0.375 | 1.575 | 1.299 | 8,0 | |
| 567232127 | 02828388 | HP 32 | 0.500 | 1.575 | 1.299 | 8,0 | |
| 5672321587 | 02828455 | HP 32 | 0.625 | 1.575 | 1.299 | 8,0 | |
| 5672321905 | 02828456 | HP 32 | 0.750 | 1.575 | 1.299 | 8,0 | |

Sealed
- Metric/ Inch

Similar to ISO 15488-B



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX when assembled on a HP collet chuck, ERHP 5672
- Nominal clamping diameter only (no clamping range): tool shank tolerance h8 maximum
- For ISO attribute explanation, see page 15

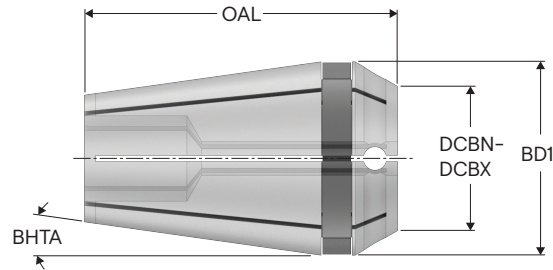
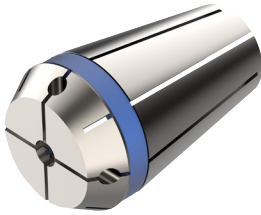
| Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | | OAL | BD1 | BHTA° |
|-------------|-------------|----------------------------|---|---------------|---------------|---------------|-------|
| | | | mm inch | mm inch | | | |
| 5672S1103 | 02892583 | HP 11 | 3,0 0.118 | 3,0 0.118 | 18,0 0.709 | 11,5 0.453 | 8,0 |
| 5672S1104 | 02892584 | HP 11 | 4,0 0.157 | 4,0 0.157 | 18,0 0.709 | 11,5 0.453 | 8,0 |
| 5672S1105 | 02892585 | HP 11 | 5,0 0.197 | 5,0 0.197 | 18,0 0.709 | 11,5 0.453 | 8,0 |
| 5672S1106 | 02892586 | HP 11 | 6,0 0.236 | 6,0 0.236 | 18,0 0.709 | 11,5 0.453 | 8,0 |
| 5672S1603 | 02845288 | HP 16 | 3,0 0.118 | 3,0 0.118 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1604 | 02845289 | HP 16 | 4,0 0.157 | 4,0 0.157 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1605 | 02845290 | HP 16 | 5,0 0.197 | 5,0 0.197 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1606 | 02845291 | HP 16 | 6,0 0.236 | 6,0 0.236 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1607 | 02845292 | HP 16 | 7,0 0.276 | 7,0 0.276 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1608 | 02845293 | HP 16 | 8,0 0.315 | 8,0 0.315 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1609 | 02845294 | HP 16 | 9,0 0.354 | 9,0 0.354 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1610 | 02845295 | HP 16 | 10,0 0.394 | 10,0 0.394 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S2503 | 02845297 | HP 25 | 3,0 0.118 | 3,0 0.118 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2504 | 02845298 | HP 25 | 4,0 0.157 | 4,0 0.157 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2505 | 02845299 | HP 25 | 5,0 0.197 | 5,0 0.197 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2506 | 02845300 | HP 25 | 6,0 0.236 | 6,0 0.236 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2507 | 02845301 | HP 25 | 7,0 0.276 | 7,0 0.276 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2508 | 02845302 | HP 25 | 8,0 0.315 | 8,0 0.315 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2509 | 02845303 | HP 25 | 9,0 0.354 | 9,0 0.354 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2510 | 02845304 | HP 25 | 10,0 0.394 | 10,0 0.394 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2511 | 02845305 | HP 25 | 11,0 0.433 | 11,0 0.433 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2512 | 02845306 | HP 25 | 12,0 0.472 | 12,0 0.472 | 34,0 1.339 | 26,0 1.024 | 8,0 |

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Shrinkfit

| Guide | Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | | OAL | BD1 | BHTA° |
|---------------------------------|-------------|-------------|----------------------------|---|-------------------|---------------|-----|-------|
| | | | | mm <i>inch</i> | mm <i>inch</i> | | | |
| HSK-A | 5672S2513 | 02845307 | HP 25 | 13,0 0.512 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 5672S2514 | 02845308 | HP 25 | 14,0 0.551 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 5672S2515 | 02845309 | HP 25 | 15,0 0.591 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| HSK-E | 5672S2516 | 02845310 | HP 25 | 16,0 0.630 | 34,0 1.339 | 26,0 1.024 | 8,0 | |
| | 5672S3203 | 02845314 | HP 32 | 3,0 0.118 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3204 | 02845315 | HP 32 | 4,0 0.157 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| DIN | 5672S3205 | 02845316 | HP 32 | 5,0 0.197 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3206 | 02845317 | HP 32 | 6,0 0.236 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3207 | 02845318 | HP 32 | 7,0 0.276 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| BT JIS | 5672S3208 | 02845319 | HP 32 | 8,0 0.315 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3209 | 02845320 | HP 32 | 9,0 0.354 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3210 | 02845321 | HP 32 | 10,0 0.394 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| CAT | 5672S3211 | 02845322 | HP 32 | 11,0 0.433 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3212 | 02845323 | HP 32 | 12,0 0.472 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3213 | 02845324 | HP 32 | 13,0 0.512 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| Combimaster | 5672S3214 | 02845325 | HP 32 | 14,0 0.551 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3215 | 02845326 | HP 32 | 15,0 0.591 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3216 | 02845327 | HP 32 | 16,0 0.630 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| Graflex | 5672S3217 | 02845328 | HP 32 | 17,0 0.669 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3218 | 02845329 | HP 32 | 18,0 0.709 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| | 5672S3219 | 02845330 | HP 32 | 19,0 0.748 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| Seco Capto™ | 5672S3220 | 02845331 | HP 32 | 20,0 0.787 | 40,0 1.575 | 33,0 1.299 | 8,0 | |
| Others | | | | | | | | |
| Operating & setting accessories | | | | | | | | |
| Shrinkfit | | | | | | | | |

Sealed
- Inch

Similar to ISO 15488-B



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX when assembled on a HP collet chuck, ERHP 5672
- Nominal clamping diameter only (no clamping range): tool shank tolerance h8 maximum
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | OAL | BD1 | BHTA° |
|-------------|-------------|----------------------------|---|-------------|-------------|-------|
| | | | | <i>inch</i> | <i>inch</i> | |
| 5672S110317 | 02892587 | HP 11 | 0.125 | 0.709 | 0.453 | 8,0 |
| 5672S110476 | 02892588 | HP 11 | 0.188 | 0.709 | 0.453 | 8,0 |
| 5672S110635 | 02892589 | HP 11 | 0.250 | 0.709 | 0.453 | 8,0 |
| 5672S160317 | 02845332 | HP 16 | 0.125 | 1.083 | 0.669 | 8,0 |
| 5672S160476 | 02845333 | HP 16 | 0.188 | 1.083 | 0.669 | 8,0 |
| 5672S160635 | 02845334 | HP 16 | 0.250 | 1.083 | 0.669 | 8,0 |
| 5672S160793 | 02845335 | HP 16 | 0.313 | 1.083 | 0.669 | 8,0 |
| 5672S160952 | 02845336 | HP 16 | 0.375 | 1.083 | 0.669 | 8,0 |
| 5672S250317 | 02845337 | HP 25 | 0.125 | 1.339 | 1.024 | 8,0 |
| 5672S250476 | 02845338 | HP 25 | 0.188 | 1.339 | 1.024 | 8,0 |
| 5672S250635 | 02845339 | HP 25 | 0.250 | 1.339 | 1.024 | 8,0 |
| 5672S250793 | 02845340 | HP 25 | 0.313 | 1.339 | 1.024 | 8,0 |
| 5672S250952 | 02845341 | HP 25 | 0.375 | 1.339 | 1.024 | 8,0 |
| 5672S25127 | 02845342 | HP 25 | 0.500 | 1.339 | 1.024 | 8,0 |
| 5672S251587 | 02845343 | HP 25 | 0.625 | 1.339 | 1.024 | 8,0 |
| 5672S320317 | 02845344 | HP 32 | 0.125 | 1.575 | 1.299 | 8,0 |
| 5672S320476 | 02845345 | HP 32 | 0.188 | 1.575 | 1.299 | 8,0 |
| 5672S320635 | 02845346 | HP 32 | 0.250 | 1.575 | 1.299 | 8,0 |
| 5672S320793 | 02845347 | HP 32 | 0.313 | 1.575 | 1.299 | 8,0 |
| 5672S320952 | 02845348 | HP 32 | 0.375 | 1.575 | 1.299 | 8,0 |
| 5672S32127 | 02845349 | HP 32 | 0.500 | 1.575 | 1.299 | 8,0 |
| 5672S321587 | 02845350 | HP 32 | 0.625 | 1.575 | 1.299 | 8,0 |
| 5672S321905 | 02845351 | HP 32 | 0.750 | 1.575 | 1.299 | 8,0 |

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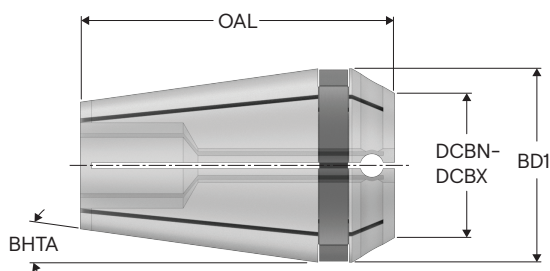
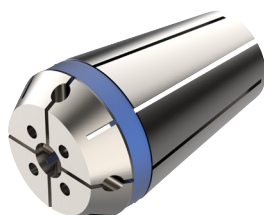
Others

Operating & setting accessories

Shrinkfit

With coolant supply channels towards the tool
 – Metric/ Inch

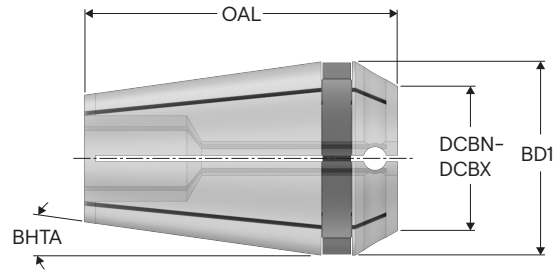
Similar to ISO 15488-B


 –Run-out 3 μ m maximum at 3 x \varnothing DCBN-DCBX when assembled on a HP collet chuck, ERHP 5672
 –Nominal clamping diameter only (no clamping range): tool shank tolerance h8 maximum
 –For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | | OAL | BD1 | BHTA° |
|-------------|-------------|----------------------------|---|---------------|---------------|---------------|-------|
| | | | mm inch | mm inch | | | |
| 5672S1604L | 03070197 | HP 16 | 4,0 0.157 | 4,0 0.157 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1606L | 03070198 | HP 16 | 6,0 0.236 | 6,0 0.236 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S1608L | 03070199 | HP 16 | 8,0 0.315 | 8,0 0.315 | 27,5 1.083 | 17,0 0.669 | 8,0 |
| 5672S2504L | 03070200 | HP 25 | 4,0 0.157 | 4,0 0.157 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2506L | 03070201 | HP 25 | 6,0 0.236 | 6,0 0.236 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2508L | 03070202 | HP 25 | 8,0 0.315 | 8,0 0.315 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2510L | 03070203 | HP 25 | 10,0 0.394 | 10,0 0.394 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2512L | 03070204 | HP 25 | 12,0 0.472 | 12,0 0.472 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S2514L | 03070205 | HP 25 | 14,0 0.551 | 14,0 0.551 | 34,0 1.339 | 26,0 1.024 | 8,0 |
| 5672S3204L | 03070206 | HP 32 | 4,0 0.157 | 4,0 0.157 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3206L | 03070207 | HP 32 | 6,0 0.236 | 6,0 0.236 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3208L | 03070208 | HP 32 | 8,0 0.315 | 8,0 0.315 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3210L | 03070209 | HP 32 | 10,0 0.394 | 10,0 0.394 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3212L | 03070210 | HP 32 | 12,0 0.472 | 12,0 0.472 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3214L | 03070211 | HP 32 | 14,0 0.551 | 14,0 0.551 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3216L | 03070212 | HP 32 | 16,0 0.630 | 16,0 0.630 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3218L | 03070213 | HP 32 | 18,0 0.709 | 18,0 0.709 | 40,0 1.575 | 33,0 1.299 | 8,0 |
| 5672S3220L | 03070214 | HP 32 | 20,0 0.787 | 20,0 0.787 | 40,0 1.575 | 33,0 1.299 | 8,0 |

With coolant supply channels towards the tool
- Inch

Similar to ISO 15488-B



- Run-out 3 µm maximum at 3 x ØDCBN-DCBX when assembled on a HP collet chuck, ERHP 5672
- Nominal clamping diameter only (no clamping range): tool shank tolerance h8 maximum
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | Workpiece side Collet bore size DCBN-DCBX | OAL | BD1 | BHTA° |
|--------------|-------------|----------------------------|---|-------------|-------------|-------|
| | | | <i>inch</i> | <i>inch</i> | <i>inch</i> | |
| 5672S160317L | 03070215 | HP 16 | 0.125 | 1.083 | 0.669 | 8,0 |
| 5672S160476L | 03070216 | HP 16 | 0.187 | 1.083 | 0.669 | 8,0 |
| 5672S160635L | 03070217 | HP 16 | 0.250 | 1.083 | 0.669 | 8,0 |
| 5672S250317L | 03070219 | HP 25 | 0.125 | 1.339 | 1.024 | 8,0 |
| 5672S250476L | 03070220 | HP 25 | 0.187 | 1.339 | 1.024 | 8,0 |
| 5672S250635L | 03070221 | HP 25 | 0.250 | 1.339 | 1.024 | 8,0 |
| 5672S250793L | 03070222 | HP 25 | 0.312 | 1.339 | 1.024 | 8,0 |
| 5672S250952L | 03070223 | HP 25 | 0.375 | 1.339 | 1.024 | 8,0 |
| 5672S251111L | 03070225 | HP 25 | 0.437 | 1.339 | 1.024 | 8,0 |
| 5672S25127L | 03070226 | HP 25 | 0.500 | 1.339 | 1.024 | 8,0 |
| 5672S251428L | 03070227 | HP 25 | 0.562 | 1.339 | 1.024 | 8,0 |
| 5672S320317L | 03070228 | HP 32 | 0.125 | 1.575 | 1.299 | 8,0 |
| 5672S320476L | 03070229 | HP 32 | 0.187 | 1.575 | 1.299 | 8,0 |
| 5672S320635L | 03070230 | HP 32 | 0.250 | 1.575 | 1.299 | 8,0 |
| 5672S320793L | 03070231 | HP 32 | 0.312 | 1.575 | 1.299 | 8,0 |
| 5672S320952L | 03070232 | HP 32 | 0.375 | 1.575 | 1.299 | 8,0 |
| 5672S321111L | 03070233 | HP 32 | 0.437 | 1.575 | 1.299 | 8,0 |
| 5672S32127L | 03070234 | HP 32 | 0.500 | 1.575 | 1.299 | 8,0 |
| 5672S321428L | 03070235 | HP 32 | 0.562 | 1.575 | 1.299 | 8,0 |
| 5672S321587L | 03070236 | HP 32 | 0.625 | 1.575 | 1.299 | 8,0 |
| 5672S321746L | 03070237 | HP 32 | 0.687 | 1.575 | 1.299 | 8,0 |
| 5672S321905L | 03070238 | HP 32 | 0.750 | 1.575 | 1.299 | 8,0 |

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Seco Capto™

Others

Operating & setting accessories

Shrinkfit

ER HP Collets – SETS – Metric/ Inch

Guide

| Description | Item number | Item number | Item number | Item number | Item number | Item number | Item number |
|---------------------------------------|----------------------------------|---------------------------------------|----------------------------------|---------------------------------------|----------------------------------|---------------------------------------|----------------------------------|
| SET-ERHP16-06 = 1 piece of: | 10358947 = 1 piece of: | SET-ERHP20-07 = 1 piece of: | 10358948 = 1 piece of: | SET-ERHP25-07 = 1 piece of: | 10358949 = 1 piece of: | SET-ERHP32-08 = 1 piece of: | 10358950 = 1 piece of: |
| 56721603 | 02828316 | 56722003 | 02849413 | 56722504 | 02828346 | 56723204 | 02828368 |
| 56721604 | 02828318 | 56722004 | 02849415 | 56722506 | 02828350 | 56723206 | 02828370 |
| 56721605 | 02828320 | 56722005 | 02849417 | 56722508 | 02828354 | 56723208 | 02828372 |
| 56721606 | 02828322 | 56722006 | 02849419 | 56722510 | 02828358 | 56723210 | 02828374 |
| 56721608 | 02828326 | 56722008 | 02849423 | 56722512 | 02828360 | 56723212 | 02828376 |
| 56721610 | 02828330 | 56722010 | 02849427 | 56722514 | 02828362 | 56723214 | 02828378 |
| | | 56722012 | 02849432 | 56722516 | 02828364 | 56723216 | 02828380 |
| | | | | | | 56723220 | 02828384 |

HSK-A

HSK-E

DIN

| Description | Item number | Item number | Item number | Item number | Item number | Item number | Item number |
|--|----------------------------------|--|----------------------------------|--|----------------------------------|--|----------------------------------|
| SET-ERHPS16-06 = 1 piece of: | 10358951 = 1 piece of: | SET-ERHPS20-07 = 1 piece of: | 10358952 = 1 piece of: | SET-ERHPS25-07 = 1 piece of: | 10358953 = 1 piece of: | SET-ERHPS32-08 = 1 piece of: | 10358954 = 1 piece of: |
| 5672S1603 | 02845288 | 5672S2003 | 10358922 | 5672S2504 | 02842598 | 5672S3204 | 02845315 |
| 5672S1604 | 02845289 | 5672S2004 | 10358923 | 5672S2506 | 02845300 | 5672S3206 | 02845317 |
| 5672S1605 | 02845290 | 5672S2005 | 10358924 | 5672S2508 | 02845302 | 5672S3208 | 02845319 |
| 5672S1608 | 02845293 | 5672S2006 | 10358925 | 5672S2510 | 02845304 | 5672S3210 | 02845321 |
| 5672S1609 | 02845294 | 5672S2008 | 10299857 | 5672S2512 | 02845306 | 5672S3212 | 02845323 |
| 5672S1610 | 02845295 | 5672S2010 | 10299859 | 5672S2514 | 02845308 | 5672S3214 | 02845325 |
| | | 5672S2012 | 10299861 | 5672S2516 | 02845310 | 5672S3216 | 02845327 |
| | | | | | | 5672S3220 | 02845331 |

BT JIS

CAT

| Description | Item number | Item number | Item number | Item number | Item number | Item number | Item number |
|---|----------------------------------|---|----------------------------------|---|----------------------------------|--|----------------------------------|
| SET-ERHP16-05-I = 1 piece of: | 10358955 = 1 piece of: | SET-ERHP20-06-I = 1 piece of: | 10358976 = 1 piece of: | SET-ERHP25-08-I = 1 piece of: | 10358977 = 1 piece of: | SET-ERHP32-08A-I = 1 piece of: | 10358978 = 1 piece of: |
| 5672160317 | 02828385 | 5672200317 | 10155969 | 5672250317 | 02828429 | 5672320317 | 02828448 |
| 5672160476 | 02828386 | 5672200476 | 10359007 | 5672250476 | 02828434 | 5672320635 | 02828452 |
| 5672160635 | 02828417 | 5672200635 | 10359008 | 5672250635 | 02828435 | 5672320793 | 10359016 |
| 5672160793 | 10359005 | 5672200952 | 10359010 | 5672250793 | 02828436 | 5672320952 | 02828453 |
| 5672160952 | 02828428 | 5672201111 | 10359011 | 5672250952 | 02828446 | 567232127 | 02828388 |
| | | 567220127 | 10358921 | 567225127 | 02828387 | 5672321428 | 10349492 |
| | | | | 5672251428 | 10359013 | 5672321587 | 02828455 |
| | | | | 5672251587 | 10359014 | 5672321905 | 02828456 |

Combimaster

Graflex

| Description | Item number | Item number | Item number | Item number | Item number | Item number | Item number |
|--|----------------------------------|--|----------------------------------|--|----------------------------------|---|----------------------------------|
| SET-ERHPS16-05-I = 1 piece of: | 10358956 = 1 piece of: | SET-ERHPS20-06-I = 1 piece of: | 10358957 = 1 piece of: | SET-ERHPS25-08-I = 1 piece of: | 10358958 = 1 piece of: | SET-ERHPS32-08A-I = 1 piece of: | 10358959 = 1 piece of: |
| 5672S160317 | 02845332 | 5672S200317 | 10358927 | 5672S250317 | 02845337 | 5672S320476 | 02845345 |
| 5672S160476 | 02845333 | 5672S200476 | 10358928 | 5672S250476 | 02845338 | 5672S320635 | 02845346 |
| 5672S160635 | 02845334 | 5672S200635 | 10358929 | 5672S250635 | 02845339 | 5672S320793 | 05845347 |
| 5672S160793 | 02845335 | 5672S200793 | 10358930 | 5672S250793 | 02845340 | 5672S320952 | 02845348 |
| 5672S160952 | 02845336 | 5672S200952 | 10358931 | 5672S250952 | 02845341 | 5672S32127 | 02845349 |
| | | 5672S20127 | 10358933 | 5672S25127 | 02845342 | 5672S31428 | 03078105 |
| | | | | 5672S251428 | 03078095 | 5672S321587 | 02845350 |
| | | | | 5672S251587 | 02845343 | 5672S321905 | 02845351 |

Seco Capto™

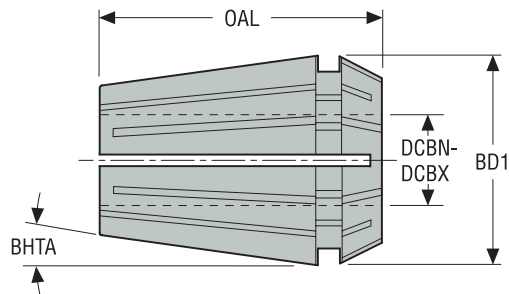
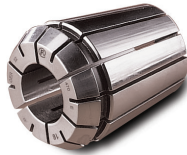
Others



Operating & setting accessories

Shrinkfit

- Metric/ Inch



- Run-out 15 µm maximum at 3 x ØDCBN-DCBX when assembled on an ER collet chuck
- Clamping range -0,5 or -1 mm
- Sets of collets in different sizes can be ordered, see page 403
- Wooden box for storage and protection can be ordered, see page 403
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | DCBN | DCBX | OAL | BD1 | BHTA° |
|-------------|-------------|----------------------------|--------------|--------------|---------------|---------------|-------|
| | | | mm inch | mm inch | mm inch | mm inch | |
| 58800801 | 75042144 | ER 08 | 0,5 0.020 | 1,0 0.039 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 588008015 | 75042145 | ER 08 | 1,0 0.039 | 1,5 0.059 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 58800802 | 75042146 | ER 08 | 1,5 0.059 | 2,0 0.079 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 588008025 | 75042147 | ER 08 | 2,0 0.079 | 2,5 0.098 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 58800803 | 75042148 | ER 08 | 2,5 0.098 | 3,0 0.118 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 588008035 | 75042149 | ER 08 | 3,0 0.118 | 3,5 0.138 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 58800804 | 75042151 | ER 08 | 3,5 0.138 | 4,0 0.157 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 588008045 | 75042152 | ER 08 | 4,0 0.157 | 4,5 0.177 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 58800805 | 75042153 | ER 08 | 4,5 0.177 | 5,0 0.197 | 13,5 0.531 | 8,5 0.335 | 8,0 |
| 58801101 | 75042154 | ER 11 | 0,5 0.020 | 1,0 0.039 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 588011015 | 75042155 | ER 11 | 1,0 0.039 | 1,5 0.059 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 58801102 | 75042156 | ER 11 | 1,5 0.059 | 2,0 0.079 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 588011025 | 75042157 | ER 11 | 2,0 0.079 | 2,5 0.098 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 58801103 | 75042158 | ER 11 | 2,5 0.098 | 3,0 0.118 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 588011035 | 75042159 | ER 11 | 3,0 0.118 | 3,5 0.138 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 58801104 | 75042161 | ER 11 | 3,5 0.138 | 4,0 0.157 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 588011045 | 75042163 | ER 11 | 4,0 0.157 | 4,5 0.177 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 58801105 | 75042164 | ER 11 | 4,5 0.177 | 5,0 0.197 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 588011055 | 75042165 | ER 11 | 5,0 0.197 | 5,5 0.217 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 58801106 | 75042166 | ER 11 | 5,5 0.217 | 6,0 0.236 | 18,0 0.709 | 11,3 0.445 | 8,0 |
| 588011065 | 75042167 | ER 11 | 6,0 0.236 | 6,5 0.256 | 18,0 0.709 | 11,3 0.445 | 8,0 |

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| Guide | Designation | Item number | Machine side Chuck size | DCBN | | DCBX | | OAL | BD1 | BHTA° |
|---------------------------------|-------------|-------------|----------------------------|---------------|---------------|---------------|---------------|------------|-----|-------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | |
| HSK-A | 58801107 | 75042168 | ER 11 | 6,5 0.256 | 7,0 0.276 | 18,0 0.709 | 11,3 0.445 | 8,0 | | |
| | 58801601 | 75042062 | ER 16 | 0,5 0.020 | 1,0 0.039 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| | 58801602 | 75042064 | ER 16 | 1,5 0.059 | 2,0 0.079 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| HSK-E | 58801603 | 75042065 | ER 16 | 2,0 0.079 | 3,0 0.118 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| | 58801604 | 75042066 | ER 16 | 3,0 0.118 | 4,0 0.157 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| | 58801605 | 75042067 | ER 16 | 4,0 0.157 | 5,0 0.197 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| DIN | 58801606 | 75042068 | ER 16 | 5,0 0.197 | 6,0 0.236 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| | 58801607 | 75042073 | ER 16 | 6,0 0.236 | 7,0 0.276 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| | 58801608 | 75042074 | ER 16 | 7,0 0.276 | 8,0 0.315 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| BT JIS | 58801609 | 75042075 | ER 16 | 8,0 0.315 | 9,0 0.354 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| | 58801610 | 75042076 | ER 16 | 9,0 0.354 | 10,0 0.394 | 27,0 1.063 | 17,0 0.669 | 8,0 | | |
| | 58802001 | 02504419 | ER 20 | 0,5 0.020 | 1,0 0.039 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| CAT | 58802002 | 02436302 | ER 20 | 1,5 0.059 | 2,0 0.079 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802003 | 02428799 | ER 20 | 2,0 0.079 | 3,0 0.118 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802004 | 02428800 | ER 20 | 3,0 0.118 | 4,0 0.157 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| Combimaster | 58802005 | 02428801 | ER 20 | 5,0 0.197 | 5,0 0.197 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802006 | 02428802 | ER 20 | 5,0 0.197 | 6,0 0.236 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802007 | 14000856 | ER 20 | 6,0 0.236 | 7,0 0.276 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| Graflex | 58802008 | 02434262 | ER 20 | 7,0 0.276 | 8,0 0.315 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802009 | 14000857 | ER 20 | 8,0 0.315 | 9,0 0.354 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802010 | 02433824 | ER 20 | 9,0 0.354 | 10,0 0.394 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| Seco Capto™ | 58802011 | 14000380 | ER 20 | 10,0 0.394 | 11,0 0.433 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802012 | 14000381 | ER 20 | 11,0 0.433 | 12,0 0.472 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| | 58802013 | 14000382 | ER 20 | 12,0 0.472 | 13,0 0.512 | 31,5 1.240 | 21,0 0.827 | 8,0 | | |
| Others | 58802502 | 75042081 | ER 25 | 1,5 0.059 | 2,0 0.079 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| | 58802503 | 75042083 | ER 25 | 2,0 0.079 | 3,0 0.118 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| | 58802504 | 75042084 | ER 25 | 3,0 0.118 | 4,0 0.157 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| | 58802505 | 75042085 | ER 25 | 4,0 0.157 | 5,0 0.197 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| Operating & setting accessories | 58802506 | 75042086 | ER 25 | 5,0 0.197 | 6,0 0.236 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| | 58802507 | 75042087 | ER 25 | 6,0 0.236 | 7,0 0.276 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| | 58802508 | 75042088 | ER 25 | 7,0 0.276 | 8,0 0.315 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| Shrinkfit | 58802509 | 75042089 | ER 25 | 8,0 0.315 | 9,0 0.354 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |
| | 58802510 | 75042090 | ER 25 | 9,0 0.354 | 10,0 0.394 | 34,0 1.339 | 25,8 1.016 | 8,0 | | |

| Designation | Item number | Machine side Chuck size | DCBN | | DCBX | | OAL | BD1 | BHTA° | Guide |
|-------------|-------------|-------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------------|-------|-------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | | | |
| 58802511 | 75042091 | ER 25 | 10,0 0.394 | 11,0 0.433 | 34,0 1.339 | 25,8 1.016 | 8,0 | HSK-A | | |
| 58802512 | 75042094 | ER 25 | 11,0 0.433 | 12,0 0.472 | 34,0 1.339 | 25,8 1.016 | 8,0 | | | |
| 58802513 | 75042095 | ER 25 | 12,0 0.472 | 13,0 0.512 | 34,0 1.339 | 25,8 1.016 | 8,0 | | | |
| 58802514 | 75042097 | ER 25 | 13,0 0.512 | 14,0 0.551 | 34,0 1.339 | 25,8 1.016 | 8,0 | HSK-E | | |
| 58802515 | 75042098 | ER 25 | 14,0 0.551 | 15,0 0.591 | 34,0 1.339 | 25,8 1.016 | 8,0 | | | |
| 58802516 | 75042099 | ER 25 | 15,0 0.591 | 16,0 0.630 | 34,0 1.339 | 25,8 1.016 | 8,0 | | | |
| 58803204 | 75041875 | ER 32 | 3,0 0.118 | 4,0 0.157 | 40,0 1.575 | 33,0 1.299 | 8,0 | DIN | | |
| 58803205 | 75041876 | ER 32 | 4,0 0.157 | 5,0 0.197 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803206 | 75041886 | ER 32 | 5,0 0.197 | 6,0 0.236 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803207 | 75041888 | ER 32 | 6,0 0.236 | 7,0 0.276 | 40,0 1.575 | 33,0 1.299 | 8,0 | BT JIS | | |
| 58803208 | 75041890 | ER 32 | 7,0 0.276 | 8,0 0.315 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803209 | 75041891 | ER 32 | 8,0 0.315 | 9,0 0.354 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803210 | 75041892 | ER 32 | 9,0 0.354 | 10,0 0.394 | 40,0 1.575 | 33,0 1.299 | 8,0 | CAT | | |
| 58803211 | 75041894 | ER 32 | 10,0 0.394 | 11,0 0.433 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803212 | 75041895 | ER 32 | 11,0 0.433 | 12,0 0.472 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803213 | 75041896 | ER 32 | 12,0 0.472 | 13,0 0.512 | 40,0 1.575 | 33,0 1.299 | 8,0 | Combimaster | | |
| 58803214 | 75041925 | ER 32 | 13,0 0.512 | 14,0 0.551 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803215 | 75042101 | ER 32 | 14,0 0.551 | 15,0 0.591 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803216 | 75041927 | ER 32 | 15,0 0.591 | 16,0 0.630 | 40,0 1.575 | 33,0 1.299 | 8,0 | Graflex | | |
| 58803217 | 75042102 | ER 32 | 16,0 0.630 | 17,0 0.669 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803218 | 75042103 | ER 32 | 17,0 0.669 | 18,0 0.709 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58803219 | 75042104 | ER 32 | 18,0 0.709 | 19,0 0.748 | 40,0 1.575 | 33,0 1.299 | 8,0 | Seco Capto™ | | |
| 58803220 | 75041940 | ER 32 | 19,0 0.748 | 20,0 0.787 | 40,0 1.575 | 33,0 1.299 | 8,0 | | | |
| 58804004 | 75042105 | ER 40 | 3,0 0.118 | 4,0 0.157 | 46,0 1.811 | 41,0 1.614 | 8,0 | | | |
| 58804005 | 75042106 | ER 40 | 4,0 0.157 | 5,0 0.197 | 46,0 1.811 | 41,0 1.614 | 8,0 | Others | | |
| 58804006 | 75042109 | ER 40 | 5,0 0.197 | 6,0 0.236 | 46,0 1.811 | 41,0 1.614 | 8,0 | | | |
| 58804007 | 75042112 | ER 40 | 6,0 0.236 | 7,0 0.276 | 46,0 1.811 | 41,0 1.614 | 8,0 | | | |
| 58804008 | 75042113 | ER 40 | 7,0 0.276 | 8,0 0.315 | 46,0 1.811 | 41,0 1.614 | 8,0 | Operating & setting accessories | | |
| 58804009 | 75042114 | ER 40 | 8,0 0.315 | 9,0 0.354 | 46,0 1.811 | 41,0 1.614 | 8,0 | | | |
| 58804010 | 75042115 | ER 40 | 9,0 0.354 | 10,0 0.394 | 46,0 1.811 | 41,0 1.614 | 8,0 | | | |
| 58804011 | 75042118 | ER 40 | 10,0 0.394 | 11,0 0.433 | 46,0 1.811 | 41,0 1.614 | 8,0 | Shrinkfit | | |
| 58804012 | 75042119 | ER 40 | 11,0 0.433 | 12,0 0.472 | 46,0 1.811 | 41,0 1.614 | 8,0 | | | |
| 58804013 | 75042121 | ER 40 | 12,0 0.472 | 13,0 0.512 | 46,0 1.811 | 41,0 1.614 | 8,0 | | | |


| Guide | Designation | Item number | Machine side Chuck size | DCBN | | DCBX | | OAL | BD1 | BHTA° |
|---------------------------------|-------------|-------------|----------------------------|---------------|---------------|---------------|---------------|------------|-----|-------|
| | | | | mm inch | mm inch | mm inch | mm inch | mm inch | | |
| HSK-A | 58804014 | 75042122 | ER 40 | 13,0 0.512 | 14,0 0.551 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804015 | 75042123 | ER 40 | 14,0 0.551 | 15,0 0.591 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| HSK-E | 58804016 | 75042124 | ER 40 | 15,0 0.591 | 16,0 0.630 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804017 | 75042125 | ER 40 | 16,0 0.630 | 17,0 0.669 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804018 | 75042126 | ER 40 | 17,0 0.669 | 18,0 0.709 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| DIN | 58804019 | 75042127 | ER 40 | 18,0 0.709 | 19,0 0.748 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804020 | 75042128 | ER 40 | 19,0 0.748 | 20,0 0.787 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804021 | 75042129 | ER 40 | 20,0 0.787 | 21,0 0.827 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| BT JIS | 58804022 | 75042130 | ER 40 | 21,0 0.827 | 22,0 0.866 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804023 | 75042131 | ER 40 | 22,0 0.866 | 23,0 0.906 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804024 | 75042132 | ER 40 | 23,0 0.906 | 24,0 0.945 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| CAT | 58804025 | 75042133 | ER 40 | 24,0 0.945 | 25,0 0.984 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| | 58804026 | 00042134 | ER 40 | 25,0 0.984 | 26,0 1.024 | 46,0 1.811 | 41,0 1.614 | 8,0 | | |
| Combimaster | | | | | | | | | | |
| Graflex | | | | | | | | | | |
| Seco Capto™ | | | | | | | | | | |
| Others | | | | | | | | | | |
| Operating & setting accessories | | | | | | | | | | |
| Shrinkfit | | | | | | | | | | |

ER Collets – SETS – Metric/ Inch

| Description | Item number | Description | Item number | Description | Item number | Description | Item number |
|--|----------------------------------|--|----------------------------------|--|----------------------------------|--|----------------------------------|
| SET-5880-08-09 = 1 piece of: | 10329292 = 1 piece of: | SET-5880-11-13 = 1 piece of: | 10329293 = 1 piece of: | SET-5880-16-10 = 1 piece of: | 10329294 = 1 piece of: | SET-5880-20-12 = 1 piece of: | 10329295 = 1 piece of: |
| 58800801 | 75042144 | 58801101 | 7502154 | 58801601 | 75042062 | 58802002 | 02436302 |
| 588008015 | 75042145 | 588011015 | 7502155 | 58801602 | 75042064 | 58802003 | 02428799 |
| 58800802 | 75042146 | 58801102 | 7502156 | 58801603 | 75042065 | 58802004 | 02428800 |
| 588008025 | 75042147 | 588011025 | 7502157 | 58801604 | 75042066 | 58802005 | 02488801 |
| 58800803 | 75042148 | 58801103 | 7502158 | 58801605 | 75042067 | 58802006 | 02488802 |
| 588008035 | 75042149 | 588011035 | 7502159 | 58801606 | 75042068 | 58802007 | 14000856 |
| 58800804 | 75042151 | 58801104 | 7502161 | 58801607 | 75042073 | 58802008 | 02434262 |
| 588008045 | 75042152 | 588011045 | 7502163 | 58801608 | 75042074 | 58802009 | 14000857 |
| 58800805 | 75042153 | 58801105 | 7502164 | 58801609 | 75042075 | 58802010 | 02433824 |
| | | 588011055 | 7502165 | 58801610 | 75042076 | 58802011 | 14000380 |
| | | 58801106 | 7502166 | | | 58802012 | 14000381 |
| | | 588011065 | 7502167 | | | 58802013 | 14000382 |
| | | 58801107 | 7502168 | | | | |

| Description | Item number | Description | Item number | Description | Item number |
|--|----------------------------------|--|----------------------------------|--|----------------------------------|
| SET-5880-25-15 = 1 piece of: | 10329296 = 1 piece of: | SET-5880-32-18 = 1 piece of: | 10329297 = 1 piece of: | SET-5880-40-23 = 1 piece of: | 10329298 = 1 piece of: |
| 58802502 | 75042081 | 58803203 | 75041874 | 58804004 | 75042105 |
| 58802503 | 75042083 | 58803204 | 75041875 | 58804005 | 75042106 |
| 58802504 | 75042084 | 58803205 | 75041876 | 58804006 | 75042109 |
| 58802505 | 75042085 | 58803206 | 75041886 | 58804007 | 75042112 |
| 58802506 | 75042086 | 58803207 | 75041888 | 58804008 | 75042113 |
| 58802507 | 75042087 | 58803208 | 75041890 | 58804009 | 75042114 |
| 58802508 | 75042088 | 58803209 | 75041891 | 58804010 | 75042115 |
| 58802509 | 75042089 | 58803210 | 75041892 | 58804011 | 75042118 |
| 58802510 | 75042090 | 58803211 | 75041894 | 58804012 | 75042119 |
| 58802511 | 75042091 | 58803212 | 75041895 | 58804013 | 75042121 |
| 58802512 | 75042094 | 58803213 | 75041896 | 58804014 | 75042122 |
| 58802513 | 75042095 | 58803214 | 75041925 | 58804015 | 75042123 |
| 58802514 | 75042097 | 58803215 | 75042101 | 58804016 | 75042124 |
| 58802515 | 75042098 | 58803216 | 75041927 | 58804017 | 75042125 |
| 58802516 | 75042099 | 58803217 | 75042102 | 58804018 | 75042126 |
| | | 58803218 | 75042103 | 58804019 | 75042127 |
| | | 58803219 | 75042104 | 58804020 | 75042128 |
| | | 58803220 | 75041940 | 58804021 | 75042129 |
| | | | | 58804022 | 75042130 |
| | | | | 58804023 | 75042131 |
| | | | | 58804024 | 75042132 |
| | | | | 58804025 | 75042133 |
| | | | | 58804026 | 00042134 |

Wooden box for storage and protection – can be ordered as an accessory

|  | Description | Item number |
|---|---------------|-------------|
| | 41BOX-ER11-13 | 10329304 |
| | 41BOX-ER16-10 | 10329305 |
| | 41BOX-ER20-12 | 10329306 |
| | 41BOX-ER25-15 | 10329307 |
| | 41BOX-ER32-18 | 10329308 |
| | 41BOX-ER40-23 | 10329309 |
| | 41BOX-ER08-09 | 10329310 |

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DIN

BT JIS

CAT

Combimaster

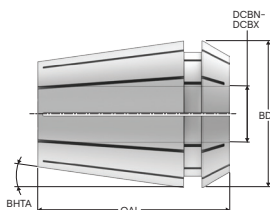
Graflex

Seco Capto™

Others

Operating & setting accessories

Shrinkfit



- Run-out 15 µm maximum at 3 x ∅DCBN-DCBX when assembled on an ER collet chuck
- Clamping range –0,5 or –1 mm
- Sets of collets in different sizes can be ordered, see page 406
- Wooden box for storage and protection can be ordered, see page 406
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | DCBN <i>inch</i> | DCBX <i>inch</i> | OAL <i>inch</i> | BD1 <i>inch</i> | BHTA° |
|-------------|-------------|----------------------------|---------------------|---------------------|--------------------|--------------------|-------|
| 5880110317 | 10329241 | ER 11 | 0.106 | 0.125 | 0.709 | 0.445 | 8,0 |
| 5880110476 | 10329242 | ER 11 | 0.168 | 0.187 | 0.709 | 0.445 | 8,0 |
| 5880110635 | 10329243 | ER 11 | 0.230 | 0.250 | 0.709 | 0.445 | 8,0 |
| 5880160158 | 10329244 | ER 16 | 0.043 | 0.063 | 1.083 | 0.669 | 8,0 |
| 5880160238 | 10329245 | ER 16 | 0.074 | 0.094 | 1.083 | 0.669 | 8,0 |
| 5880160317 | 10329246 | ER 16 | 0.086 | 0.125 | 1.083 | 0.669 | 8,0 |
| 5880160397 | 10329247 | ER 16 | 0.117 | 0.156 | 1.083 | 0.669 | 8,0 |
| 5880160476 | 10329248 | ER 16 | 0.148 | 0.187 | 1.083 | 0.669 | 8,0 |
| 5880160556 | 10329249 | ER 16 | 0.180 | 0.219 | 1.083 | 0.669 | 8,0 |
| 5880160635 | 10329250 | ER 16 | 0.211 | 0.250 | 1.083 | 0.669 | 8,0 |
| 5880160714 | 10329251 | ER 16 | 0.242 | 0.281 | 1.083 | 0.669 | 8,0 |
| 5880160793 | 10329252 | ER 16 | 0.273 | 0.313 | 1.083 | 0.669 | 8,0 |
| 5880160873 | 10329253 | ER 16 | 0.304 | 0.344 | 1.083 | 0.669 | 8,0 |
| 5880160952 | 10329254 | ER 16 | 0.336 | 0.375 | 1.083 | 0.669 | 8,0 |
| 5880161032 | 10329255 | ER 16 | 0.367 | 0.406 | 1.083 | 0.669 | 8,0 |
| 5880200317 | 10329256 | ER 20 | 0.086 | 0.125 | 1.240 | 0.827 | 8,0 |
| 5880200476 | 10329257 | ER 20 | 0.148 | 0.187 | 1.240 | 0.827 | 8,0 |
| 5880200635 | 10329258 | ER 20 | 0.211 | 0.250 | 1.240 | 0.827 | 8,0 |
| 5880200793 | 10329259 | ER 20 | 0.273 | 0.313 | 1.240 | 0.827 | 8,0 |
| 5880200952 | 10329260 | ER 20 | 0.336 | 0.375 | 1.240 | 0.827 | 8,0 |
| 5880201111 | 10329261 | ER 20 | 0.398 | 0.437 | 1.240 | 0.827 | 8,0 |
| 5880201270 | 10329262 | ER 20 | 0.461 | 0.500 | 1.240 | 0.827 | 8,0 |
| 5880250317 | 10329263 | ER 25 | 0.086 | 0.125 | 1.339 | 1.024 | 8,0 |
| 5880250476 | 10329264 | ER 25 | 0.148 | 0.187 | 1.339 | 1.024 | 8,0 |
| 5880250635 | 10329265 | ER 25 | 0.211 | 0.250 | 1.339 | 1.024 | 8,0 |
| 5880250793 | 10329266 | ER 25 | 0.273 | 0.313 | 1.339 | 1.024 | 8,0 |
| 5880250952 | 10329267 | ER 25 | 0.336 | 0.375 | 1.339 | 1.024 | 8,0 |
| 5880251111 | 10329268 | ER 25 | 0.398 | 0.437 | 1.339 | 1.024 | 8,0 |
| 5880251270 | 10329269 | ER 25 | 0.461 | 0.500 | 1.339 | 1.024 | 8,0 |
| 5880251429 | 10329270 | ER 25 | 0.523 | 0.563 | 1.339 | 1.024 | 8,0 |
| 5880251587 | 10329271 | ER 25 | 0.586 | 0.625 | 1.339 | 1.024 | 8,0 |
| 5880320317 | 10329272 | ER 32 | 0.086 | 0.125 | 1.575 | 1.299 | 8,0 |


| Designation | Item number | Machine side Chuck size | DCBN <i>inch</i> | DCBX <i>inch</i> | OAL <i>inch</i> | BD1 <i>inch</i> | BHTA° |
|-------------|-------------|-------------------------|---------------------|---------------------|--------------------|--------------------|-------|
| 5880320476 | 10329273 | ER 32 | 0.148 | 0.187 | 1.575 | 1.299 | 8,0 |
| 5880320635 | 10329274 | ER 32 | 0.211 | 0.250 | 1.575 | 1.299 | 8,0 |
| 5880320793 | 10329275 | ER 32 | 0.273 | 0.313 | 1.575 | 1.299 | 8,0 |
| 5880320952 | 10329276 | ER 32 | 0.336 | 0.375 | 1.575 | 1.299 | 8,0 |
| 5880321111 | 10329277 | ER 32 | 0.398 | 0.437 | 1.575 | 1.299 | 8,0 |
| 5880321270 | 10329278 | ER 32 | 0.461 | 0.500 | 1.575 | 1.299 | 8,0 |
| 5880321428 | 10329279 | ER 32 | 0.523 | 0.563 | 1.575 | 1.299 | 8,0 |
| 5880321587 | 10329280 | ER 32 | 0.586 | 0.625 | 1.575 | 1.299 | 8,0 |
| 5880321746 | 10329281 | ER 32 | 0.648 | 0.687 | 1.575 | 1.299 | 8,0 |
| 5880321905 | 10329282 | ER 32 | 0.711 | 0.750 | 1.575 | 1.299 | 8,0 |
| 5880322063 | 10329283 | ER 32 | 0.773 | 0.813 | 1.575 | 1.299 | 8,0 |
| 5880400317 | 10329284 | ER 40 | 0.086 | 0.125 | 1.811 | 1.614 | 8,0 |
| 5880400635 | 10329285 | ER 40 | 0.211 | 0.250 | 1.811 | 1.614 | 8,0 |
| 5880400952 | 10329286 | ER 40 | 0.336 | 0.375 | 1.811 | 1.614 | 8,0 |
| 5880401270 | 10329287 | ER 40 | 0.461 | 0.500 | 1.811 | 1.614 | 8,0 |
| 5880401587 | 10329288 | ER 40 | 0.586 | 0.625 | 1.811 | 1.614 | 8,0 |
| 5880401905 | 10329289 | ER 40 | 0.711 | 0.750 | 1.811 | 1.614 | 8,0 |
| 5880402222 | 10329290 | ER 40 | 0.836 | 0.875 | 1.811 | 1.614 | 8,0 |
| 5880402540 | 10329291 | ER 40 | 0.961 | 1.000 | 1.811 | 1.614 | 8,0 |

| |
|---------------------------------|
| Guide |
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| BT JIS |
| CAT |
| Combimaster |
| Graflex |
| Seco Capto™ |
| Others |
| Operating & setting accessories |
| Shrinkfit |

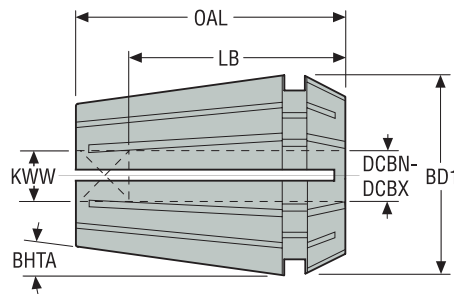
ER Collets – SETS – Inch

| Guide | Description | Item number | Description | Item number | Description | Item number |
|-------------|--|----------------------------------|--|----------------------------------|---|-----------------------------------|
| | SET-5880-16-12-I = 1 piece of: | 10329299 = 1 piece of: | SET-5880-20-7-I = 1 piece of: | 10329300 = 1 piece of: | SET-5880-25-9-I = 1 piece of: | 103292301 = 1 piece of: |
| HSK-A | 5880160158 | 10329244 | 5880200317 | 10329256 | 5880250317 | 10329263 |
| | 5880160238 | 10329245 | 5880200476 | 10329257 | 5880250476 | 10329264 |
| | 5880160317 | 10329246 | 5880200635 | 10329258 | 5880250635 | 10329265 |
| | 5880160397 | 10329247 | 5880200793 | 10329259 | 5880250793 | 10329266 |
| | 5880160476 | 10329248 | 5880200952 | 10329260 | 5880250952 | 10329267 |
| | 5880160556 | 10329249 | 5880201111 | 10329261 | 5880251111 | 10329268 |
| HSK-E | 5880160635 | 10329250 | 5880201270 | 10329262 | 5880251270 | 10329269 |
| | 5880160714 | 10329251 | | | 5880251429 | 10329270 |
| | 5880160793 | 10329252 | | | 5880251587 | 10329271 |
| | 5880160873 | 10329253 | | | | |
| | 5880160952 | 10329254 | | | | |
| | 5880161032 | 10329255 | | | | |
| DIN | SET-5880-32-12-I = 1 piece of: | 10329302 = 1 piece of: | SET-5880-40-08-I = 1 piece of: | 10329303 = 1 piece of: | | |
| BT JIS | 5880320317 | 10329272 | 5880400317 | 10329284 | | |
| | 5880320476 | 10329273 | 5880400635 | 10329285 | | |
| | 5880320635 | 10329274 | 5880400952 | 10329286 | | |
| | 5880320793 | 10329275 | 5880401270 | 10329287 | | |
| | 5880320952 | 10329276 | 5880401587 | 10329288 | | |
| CAT | 5880321111 | 10329277 | 5880401905 | 10329289 | | |
| | 5880321270 | 10329278 | 5880402222 | 10329290 | | |
| | 5880321428 | 10329279 | 5880402540 | 10329291 | | |
| | 5880321587 | 10329280 | | | | |
| | 5880321746 | 10329281 | | | | |
| Combimaster | 5880321905 | 10329282 | | | | |
| | 5880322063 | 10329283 | | | | |

Wooden box for storage and protection – can be ordered as an accessory

|  | Description | Item number |
|---|---------------|-------------|
| | 41BOX-ER11-13 | 10329304 |
| | 41BOX-ER16-10 | 10329305 |
| | 41BOX-ER20-12 | 10329306 |
| | 41BOX-ER25-15 | 10329307 |
| | 41BOX-ER32-18 | 10329308 |
| | 41BOX-ER40-23 | 10329309 |
| | 41BOX-ER08-09 | 10329310 |

- Metric/ Inch



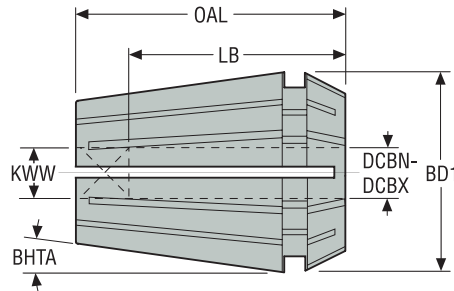
- For TCER 5867 tapping chucks
- * Without square in the collet (use square inside the TCER tapping holder)
- For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | DCBN-DCBX | | OAL | | LB | | BD1 | | KWW | * | BHTA° |
|--------------------|-------------|----------------------------|---------------|---------------|---------------|---------------|---------------|------------|-----|--|-----|---|-------|
| | | | mm inch | mm inch | mm inch | mm inch | mm inch | mm inch | | | | | |
| 393.14-11D025X021 | 03131636 | ER 11 | 2,5 0.098 | 18,0 0.709 | 12,0 0.472 | 11,3 0.445 | 2,1 0.083 | | | | | | 8,0 |
| 393.14-11D028X021 | 02926995 | ER 11 | 2,8 0.110 | 18,0 0.709 | 12,0 0.472 | 11,3 0.445 | 2,1 0.083 | | | | | | 8,0 |
| 393.14-11D035X027 | 02926996 | ER 11 | 3,5 0.138 | 18,0 0.709 | 14,0 0.551 | 11,3 0.445 | 2,7 0.106 | | | | | | 8,0 |
| 393.14-11D040X030 | 02926997 | ER 11 | 4,0 0.157 | 18,0 0.709 | 14,0 0.551 | 11,3 0.445 | 3,0 0.118 | | | | | | 8,0 |
| 393.14-11D040X0315 | 03131670 | ER 11 | 4,0 0.157 | 18,0 0.709 | 14,0 0.551 | 11,3 0.445 | 3,1 0.122 | | | | | | 8,0 |
| 393.14-11D045X034 | 02926998 | ER 11 | 4,5 0.177 | 18,0 0.709 | 14,0 0.551 | 11,3 0.445 | 3,4 0.134 | | | | | | 8,0 |
| 393.14-11D050X040 | 03131671 | ER 11 | 5,0 0.197 | 18,0 0.709 | 14,0 0.551 | 11,3 0.445 | 4,0 0.157 | | | | | | 8,0 |
| 393.14-11D060X049 | 02926999 | ER 11 | 6,0 0.236 | 18,0 0.709 | 14,0 0.551 | 11,3 0.445 | 4,9 0.193 | | | | | | 8,0 |
| 393.14-20D035X027 | 03131672 | ER 20 | 3,5 0.138 | 31,5 1.240 | 14,0 0.551 | 20,8 0.819 | 2,7 0.106 | | | | | | 8,0 |
| 393.14-20D040X0315 | 03131673 | ER 20 | 4,0 0.157 | 31,5 1.240 | 15,0 0.591 | 20,8 0.819 | 3,15 0.124 | | | | | | 8,0 |
| 393.14-20D045X034 | 02927000 | ER 20 | 4,5 0.177 | 31,5 1.240 | 18,0 0.709 | 20,8 0.819 | 3,4 0.134 | | | | | | 8,0 |
| 393.14-20D050X040 | 03131674 | ER 20 | 5,0 0.197 | 31,5 1.240 | 18,0 0.709 | 20,8 0.819 | 4,0 0.157 | | | | | | 8,0 |
| 393.14-20D055X043 | 03131675 | ER 20 | 5,5 0.217 | 31,5 1.240 | 18,0 0.709 | 20,8 0.819 | 4,3 0.169 | | | | | | 8,0 |
| 393.14-20D060X049 | 02927001 | ER 20 | 6,0 0.236 | 31,5 1.240 | 18,0 0.709 | 20,8 0.819 | 4,9 0.193 | | | | | | 8,0 |
| 393.14-20D063X050 | 03131676 | ER 20 | 6,3 0.248 | 31,5 1.240 | 18,0 0.709 | 20,8 0.819 | 5,0 0.197 | | | | | | 8,0 |
| 393.14-20D070X055 | 02927002 | ER 20 | 7,0 0.276 | 31,5 1.240 | 18,0 0.709 | 20,8 0.819 | 5,5 0.217 | | | | | | 8,0 |
| 393.14-20D071X056 | 03131677 | ER 20 | 7,1 0.280 | 31,5 1.240 | 18,0 0.709 | 20,8 0.819 | 5,6 0.220 | | | | | | 8,0 |
| 393.14-20D080X063 | 02927003 | ER 20 | 8,0 0.315 | 31,5 1.240 | 22,0 0.866 | 20,8 0.819 | 6,3 0.248 | | | | | | 8,0 |
| 393.14-20D090X071 | 02927004 | ER 20 | 9,0 0.354 | 31,5 1.240 | 22,0 0.866 | 20,8 0.819 | 7,1 0.280 | | | | | | 8,0 |
| 393.14-20D100X080 | 02927005 | ER 20 | 10,0 0.394 | 31,5 1.240 | 25,0 0.984 | 20,8 0.819 | 8,0 0.315 | | | | | | 8,0 |
| 393.14-25D060X049 | 03131691 | ER 25 | 6,0 0.236 | 34,0 1.339 | 18,0 0.709 | 25,8 1.016 | 4,9 0.193 | | | | | | 8,0 |
| 393.14-25D070X055 | 03131692 | ER 25 | 7,0 0.276 | 34,0 1.339 | 18,0 0.709 | 25,8 1.016 | 5,5 0.217 | | | | | | 8,0 |

Guide
 HSK-A
 HSK-E
 DIN
 BT JIS
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 Graffex
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 Others
 Operating & setting accessories
 Shrinkfit

| Guide | Designation | Item number | Machine side Chuck size | DCBN-DCBX | | LB | BD1 | KWW | * | BHTA° |
|---------------------------------|-------------------|-------------|----------------------------|---------------|---------------|---------------|---------------|---------------|---|-------|
| | | | | mm | mm | | | | | |
| | | | | <i>inch</i> | <i>inch</i> | | | | | |
| HSK-A | 393.14-25D080X063 | 02927006 | ER 25 | 8,0 0.315 | 34,0 1.339 | 22,0 0.866 | 25,8 1.016 | 6,3 0.248 | | 8,0 |
| | 393.14-25D090X071 | 02728005 | ER 25 | 9,0 0.354 | 34,0 1.339 | 22,0 0.866 | 25,8 1.016 | 7,1 0.280 | | 8,0 |
| | 393.14-25D100X080 | 02927007 | ER 25 | 10,0 0.394 | 34,0 1.339 | 25,0 0.984 | 25,8 1.016 | 8,0 0.315 | | 8,0 |
| HSK-E | 393.14-25D110X090 | 02927008 | ER 25 | 11,0 0.433 | 34,0 1.339 | 25,0 0.984 | 25,8 1.016 | 9,0 0.354 | | 8,0 |
| | 393.14-25D112X090 | 03131693 | ER 25 | 11,2 0.441 | 34,0 1.339 | 24,8 0.976 | 25,8 1.016 | 9,0 0.354 | | 8,0 |
| | 393.14-25D120X090 | 02927009 | ER 25 | 12,0 0.472 | 34,0 1.339 | 25,0 0.984 | 25,8 1.016 | 9,0 0.354 | | 8,0 |
| DIN | 393.14-25D125X100 | 03131694 | ER 25 | 12,5 0.492 | 34,0 1.339 | 24,8 0.976 | 25,8 1.016 | 10,0 0.394 | | 8,0 |
| | 393.14-25D140X112 | 02927010 | ER 25 | 14,0 0.551 | 34,0 1.339 | 25,0 0.984 | 25,8 1.016 | 11,2 0.441 | | 8,0 |
| | 393.14-25D160X120 | 02927011 | ER 25 | 16,0 0.630 | 34,0 1.339 | 25,0 0.984 | 25,8 1.016 | 12,0 0.472 | | 8,0 |
| BT JIS | 393.14-40D120X090 | 02927012 | ER 40 | 12,0 0.472 | 46,0 1.811 | 25,0 0.984 | 41,0 1.614 | 9,0 0.354 | | 8,0 |
| | 393.14-40D125X100 | 03131695 | ER 40 | 12,5 0.492 | 46,0 1.811 | 24,8 0.976 | 41,0 1.614 | 10,0 0.394 | | 8,0 |
| | 393.14-40D140X112 | 02927013 | ER 40 | 14,0 0.551 | 46,0 1.811 | 25,0 0.984 | 41,0 1.614 | 11,2 0.441 | | 8,0 |
| CAT | 393.14-40D160X125 | 02927015 | ER 40 | 16,0 0.630 | 46,0 1.811 | 25,0 0.984 | 41,0 1.614 | 12,5 0.492 | | 8,0 |
| | 393.14-40D180X145 | 02927016 | ER 40 | 18,0 0.709 | 46,0 1.811 | 25,0 0.984 | 41,0 1.614 | 14,5 0.571 | | 8,0 |
| | 393.14-40D200X160 | 02927017 | ER 40 | 20,0 0.787 | 46,0 1.811 | 28,0 1.102 | 41,0 1.614 | 16,0 0.630 | | 8,0 |
| Combimaster | 393.14-40D220X180 | 02927018 | ER 40 | 22,0 0.866 | 46,0 1.811 | 28,0 1.102 | 41,0 1.614 | 18,0 0.709 | | 8,0 |
| | 393.14-50D220X180 | 03131696 | ER 50 | 22,0 0.866 | 60,0 2.362 | 41,0 1.614 | 50,0 1.969 | 18,0 0.709 | | 8,0 |
| | 393.14-50D250X200 | 03131697 | ER 50 | 25,0 0.984 | 60,0 2.362 | 41,0 1.614 | 50,0 1.969 | 20,0 0.787 | | 8,0 |
| Graflex | 393.14-50D280X220 | 03131698 | ER 50 | 28,0 1.102 | 60,0 2.362 | 41,0 1.614 | 50,0 1.969 | 22,0 0.866 | | 8,0 |
| | 393.14-50D320X240 | 03131699 | ER 50 | 32,0 1.260 | 60,0 2.362 | 41,0 1.614 | 50,0 1.969 | 24,0 0.945 | | 8,0 |
| | 393.14-50360 | 03131700 | ER 50 | 36,0 1.417 | 60,0 2.362 | 41,0 1.614 | 50,0 1.969 | - | * | 8,0 |
| Seco Capto™ | | | | | | | | | | |
| Others | | | | | | | | | | |
| Operating & setting accessories | | | | | | | | | | |
| Shrinkfit | | | | | | | | | | |

- Inch



-For TCER 5867 tapping chucks
-For ISO attribute explanation, see page 15

| Designation | Item number | Machine side Chuck size | DCBN-DCBX | OAL | LB | BD1 | KWW | BHTA° |
|------------------|-------------|----------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | <i>inch</i> | |
| A393.14-11-0-6NO | 03131719 | ER 11 | 0.141 | 0.709 | 0.551 | 0.445 | 0.110 | 8,0 |
| A393.14-11-8NO | 03131720 | ER 11 | 0.168 | 0.709 | 0.551 | 0.445 | 0.131 | 8,0 |
| A393.14-11-10NO | 03131721 | ER 11 | 0.194 | 0.709 | 0.551 | 0.445 | 0.152 | 8,0 |
| A393.14-20-8NO | 03131722 | ER 20 | 0.168 | 1.240 | 0.709 | 0.819 | 0.131 | 8,0 |
| A393.14-20-10NO | 03131723 | ER 20 | 0.194 | 1.240 | 0.701 | 0.819 | 0.152 | 8,0 |
| A393.14-20-12NO | 03131724 | ER 20 | 0.220 | 1.240 | 0.701 | 0.819 | 0.165 | 8,0 |
| A393.14-20-1/4 | 03131725 | ER 20 | 0.255 | 1.240 | 0.701 | 0.819 | 0.191 | 8,0 |
| A393.14-20-5/16 | 03131726 | ER 20 | 0.318 | 1.240 | 0.858 | 0.819 | 0.238 | 8,0 |
| A393.14-20-7/16 | 03131727 | ER 20 | 0.323 | 1.240 | 0.858 | 0.819 | 0.242 | 8,0 |
| A393.14-20-1/2 | 03131728 | ER 20 | 0.367 | 1.240 | 0.866 | 0.819 | 0.275 | 8,0 |
| A393.14-20-3/8 | 03131733 | ER 20 | 0.381 | 1.240 | 0.858 | 0.819 | 0.286 | 8,0 |
| A393.14-25-1/4 | 03131738 | ER 25 | 0.255 | 1.339 | 0.701 | 1.016 | 0.191 | 8,0 |
| A393.14-25-5/16 | 03131739 | ER 25 | 0.318 | 1.339 | 0.858 | 1.016 | 0.238 | 8,0 |
| A393.14-25-7/16 | 03131741 | ER 25 | 0.323 | 1.339 | 0.858 | 1.016 | 0.242 | 8,0 |
| A393.14-25-1/2 | 03131742 | ER 25 | 0.367 | 1.339 | 0.858 | 1.016 | 0.275 | 8,0 |
| A393.14-25-3/8 | 03131743 | ER 25 | 0.381 | 1.339 | 0.858 | 1.016 | 0.286 | 8,0 |
| A393.14-25-9/16 | 03131744 | ER 25 | 0.429 | 1.339 | 0.976 | 1.016 | 0.322 | 8,0 |
| A393.14-25-1/8P | 03131745 | ER 25 | 0.437 | 1.339 | 0.976 | 1.016 | 0.328 | 8,0 |
| A393.14-25-5/8 | 03131746 | ER 25 | 0.480 | 1.339 | 0.976 | 1.016 | 0.360 | 8,0 |
| A393.14-25-3/4 | 03131747 | ER 25 | 0.590 | 1.339 | 0.976 | 1.016 | 0.442 | 8,0 |
| A393.14-40-5/8 | 03131748 | ER 40 | 0.480 | 1.811 | 0.976 | 1.614 | 0.360 | 8,0 |
| A393.14-40-1/2P | 03131749 | ER 40 | 0.687 | 1.811 | 0.976 | 1.614 | 0.515 | 8,0 |
| A393.14-40-M18 | 03131750 | ER 40 | 0.542 | 1.811 | 0.976 | 1.614 | 0.406 | 8,0 |
| A393.14-40-1/8P | 03131751 | ER 40 | 0.562 | 1.811 | 0.976 | 1.614 | 0.421 | 8,0 |
| A393.14-40-3/4 | 03131752 | ER 40 | 0.590 | 1.811 | 0.976 | 1.614 | 0.442 | 8,0 |
| A393.14-40-M20 | 03131753 | ER 40 | 0.652 | 1.811 | 0.976 | 1.614 | 0.489 | 8,0 |
| A393.14-40-7/8 | 03131754 | ER 40 | 0.697 | 1.811 | 0.976 | 1.614 | 0.523 | 8,0 |
| A393.14-40-3/8P | 03131755 | ER 40 | 0.700 | 1.811 | 0.976 | 1.614 | 0.531 | 8,0 |
| A393.14-40-M24 | 03131756 | ER 40 | 0.760 | 1.811 | 1.094 | 1.614 | 0.570 | 8,0 |
| A393.14-40-1 | 03131757 | ER 40 | 0.800 | 1.811 | 1.094 | 1.614 | 0.600 | 8,0 |

Guide
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HSK-E
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Others
Operating & setting accessories
Shrinkfit

Guide

– Metric/ Inch

HSK-A

HSK-E

DIN

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Combimaster

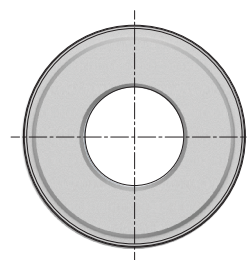
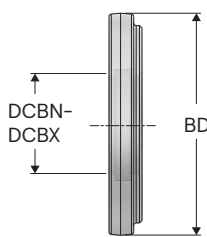
Graflex

Seco Capto™

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–For fitting into ER sealing nuts, for TCER 5867 Tapping chucks and ER 5675 ER Collet chucks
 –For sealing nuts, see Accessories in ER collet chucks or Tapping chucks pages
 –ER40 and ER50 on request, ER08 and ER11 not available
 –For ISO attribute explanation, see page 15

| Designation | Item number | For sealing nut size | DCBN | DCBX | BD |
|--------------|-------------|----------------------|---------------|---------------|---------------|
| | | | mm inch | mm inch | mm inch |
| 01B58751605 | 00029961 | ER 16 | 4,5 0.177 | 5,0 0.197 | 13,0 0.512 |
| 01B58751606 | 00030314 | ER 16 | 5,5 0.217 | 6,0 0.236 | 13,0 0.512 |
| 01B58751607 | 00029963 | ER 16 | 6,5 0.256 | 7,0 0.276 | 13,0 0.512 |
| 01B58751608 | 00030315 | ER 16 | 7,5 0.295 | 8,0 0.315 | 13,0 0.512 |
| 01B58751609 | 00029967 | ER 16 | 8,5 0.335 | 9,0 0.354 | 13,0 0.512 |
| 01B58751610 | 00029968 | ER 16 | 9,5 0.374 | 10,0 0.394 | 13,0 0.512 |
| 01B587520045 | 03131184 | ER 20 | 4,0 0.157 | 4,5 0.177 | 16,0 0.630 |
| 01B58752005 | 03131182 | ER 20 | 4,5 0.177 | 5,0 0.197 | 16,0 0.630 |
| 01B58752006 | 02427909 | ER 20 | 5,5 0.217 | 6,0 0.236 | 16,0 0.630 |
| 01B58752007 | 02451138 | ER 20 | 6,5 0.256 | 7,0 0.276 | 16,0 0.630 |
| 01B587520075 | 03131185 | ER 20 | 7,0 0.276 | 7,5 0.295 | 16,0 0.630 |
| 01B58752008 | 02465404 | ER 20 | 7,5 0.295 | 8,0 0.315 | 16,0 0.630 |
| 01B58752009 | 02700032 | ER 20 | 8,5 0.335 | 9,0 0.354 | 16,0 0.630 |
| 01B58752010 | 02685743 | ER 20 | 9,5 0.374 | 10,0 0.394 | 16,0 0.630 |
| 01B58752505 | 00029973 | ER 25 | 4,5 0.177 | 5,0 0.197 | 21,0 0.827 |
| 01B58752506 | 00029978 | ER 25 | 5,5 0.217 | 6,0 0.236 | 21,0 0.827 |
| 01B58752507 | 00029981 | ER 25 | 6,5 0.256 | 7,0 0.276 | 21,0 0.827 |
| 01B58752508 | 00029982 | ER 25 | 7,5 0.295 | 8,0 0.315 | 21,0 0.827 |
| 01B58752509 | 00029983 | ER 25 | 8,5 0.335 | 9,0 0.354 | 21,0 0.827 |
| 01B58752510 | 00029992 | ER 25 | 9,5 0.374 | 10,0 0.394 | 21,0 0.827 |
| 01B58752511 | 00029998 | ER 25 | 10,5 0.413 | 11,0 0.433 | 21,0 0.827 |
| 01B58752512 | 00030000 | ER 25 | 11,5 0.453 | 12,0 0.472 | 21,0 0.827 |

| Designation | Item number | For sealing nut size | DCBN | | DCBX | | BD | | Guide |
|-------------|-------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------|
| | | | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | mm <i>inch</i> | |
| 01B58752514 | 00088809 | ER 25 | 13,5 0.531 | 14,0 0.551 | 21,0 0.827 | | | | HSK-A |
| 01B58752516 | 00030010 | ER 25 | 15,5 0.610 | 16,0 0.630 | 21,0 0.827 | | | | |
| 01B58753205 | 00030017 | ER 32 | 4,5 0.177 | 5,0 0.197 | 27,0 1.063 | | | | HSK-E |
| 01B58753206 | 00030316 | ER 32 | 5,5 0.217 | 6,0 0.236 | 27,0 1.063 | | | | |
| 01B58753207 | 00030020 | ER 32 | 6,5 0.256 | 7,0 0.276 | 27,0 1.063 | | | | DIN |
| 01B58753208 | 00030023 | ER 32 | 7,5 0.295 | 8,0 0.315 | 27,0 1.063 | | | | |
| 01B58753209 | 00030026 | ER 32 | 8,5 0.335 | 9,0 0.354 | 27,0 1.063 | | | | BT JIS |
| 01B58753210 | 00030028 | ER 32 | 9,5 0.374 | 10,0 0.394 | 27,0 1.063 | | | | |
| 01B58753211 | 00030317 | ER 32 | 10,5 0.413 | 11,0 0.433 | 27,0 1.063 | | | | CAT |
| 01B58753212 | 00003370 | ER 32 | 11,5 0.453 | 12,0 0.472 | 27,0 1.063 | | | | |
| 01B58753214 | 00057876 | ER 32 | 13,5 0.531 | 14,0 0.551 | 27,0 1.063 | | | | Combimaster |
| 01B58753216 | 00030319 | ER 32 | 15,5 0.610 | 16,0 0.630 | 27,0 1.063 | | | | |
| 01B58753218 | 00030320 | ER 32 | 17,5 0.689 | 18,0 0.709 | 27,0 1.063 | | | | Graflex |
| 01B58753220 | 00030321 | ER 32 | 19,5 0.768 | 20,0 0.787 | 27,0 1.063 | | | | |

Guide

– Metric/ Inch

HSK-A

Design 1



Design 2



Design 3



Design 4



Design 5



HSK-E

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–Tool Boy assembly supports are made of a base unit and a head
 –All heads are interchangeable
 –For ISO attribute explanation, see page 15

BT JIS

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Graflex

Seco Capto™

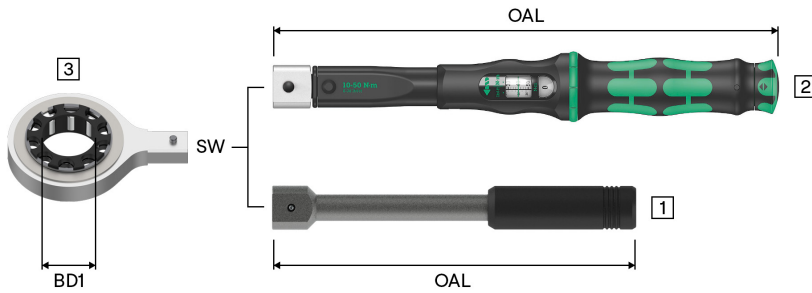
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| Designation | Item number | For holder size(s) | Design | Weight |
|-------------|-------------|---|--------|---------------|
| | | | | kg lbs |
| M211H32 | 00029893 | HSK-A32 | 1 | 7,2 15.870 |
| M211H40 | 00029894 | HSK-A40 | 1 | 7,2 15.870 |
| M211H50 | 00029895 | HSK-A50 | 1 | 7,4 16.310 |
| M211H63 | 00029897 | HSK-A63 | 1 | 6,3 13.890 |
| M211H10 | 00029892 | HSK-A100 | 1 | 8,4 18.520 |
| M100H125A | 03229707 | HSK-A125 | 2 | 3,6 7.940 |
| M211S30 | 00029888 | DIN30, DIN30 TF, BT30, BT30 TF, CAT30, CAT30 TF | 3 | 6,6 14.550 |
| M211S40 | 00029889 | DIN40, DIN40 TF, BT40, BT40 TF, CAT40, CAT40 TF | 3 | 6,4 14.110 |
| M211S50 | 00029891 | DIN50, DIN50 TF, BT50, BT50 TF, CAT50, CAT50 TF | 3 | 9,2 20.280 |
| M211H40E | 02432816 | HSK-E40 | 4 | 7,2 15.870 |
| M211C3 | 02753746 | Seco Capto™ C3 | 4 | 7,2 15.870 |
| M211C4 | 02753747 | Seco Capto™ C4 | 4 | 7,2 15.870 |
| M211C5 | 02753748 | Seco Capto™ C5 | 4 | 7,4 16.310 |
| M211C6 | 02753749 | Seco Capto™ C6 | 4 | 6,3 13.890 |
| M211C8 | 02753750 | Seco Capto™ C8 | 4 | 7,5 16.530 |
| M211V30 | 02754029 | VDI30 | 5 | 6,3 13.890 |
| M211V40 | 02754031 | VDI40 | 5 | 6,6 14.550 |
| M211V50 | 02754032 | VDI50 | 5 | 7,4 16.310 |

Clamping torques, torque keys, and sockets for standard ER HP Collet chucks



| Collet size | BD1 | Capacity DCBN-DCBX | Recommended clamping torque | Fixed handle (1) | | | Torque key (2) | | | | Roller head (3) | |
|-------------|-----|--|---|----------------------|----------------------------|---------------------|--------------------|--------------------|----------------------------|---------------------|---------------------|----------------------------|
| | | | | Fixed handle ref. | SW1xSW2 | OAL | Torque key ref. | Torque capacity | SW1xSW2 | OAL | Roller head ref. | SW1xSW2 |
| ER HP 08R | 10 | 1,0-5,0 mm 0.039-0.197" | 8 Nm 5.900 ft lb | | | | 03DYE003025 | 2,5-25 Nm | 9x12 mm (0,35x0,472") | 290 mm (11,417") | 03ERB010 | 9x12 mm (0,35x0,472") |
| ER HP 11R | 16 | 1,0-2,5 mm 0.039-0.098" 3,0-7,0 mm 0.118-0.275" | 10 Nm 7.376 ft lb 20 Nm 14.75 ft lb | 03LME0912140 | 9x12 mm (0,35x0,472") | 140 mm (5.511") | 03DYE003025 | 2,5-25 Nm | 9x12 mm (0,35x0,472") | 290 mm (11,417") | 03ER016 | 9x12 mm (0,35x0,472") |
| ER HP 16R | 22 | 1,0-4,5 mm 0.039-0.138" 5,0-10,0 mm 0.196-0.394" | 20 Nm 14.75 ft lb 30 Nm 22.13 ft lb | 03LME0912140 | 9x12 mm (0,35x0,472") | 140 mm (5.511") | 03DYE010050 | 10-50 Nm | 9x12 mm (0,35x0,472") | 60 mm (14.173") | 03ER022 | 9x12 mm (0,35x0,472") |
| ER HP 16 | 30 | 1,0-4,5 mm 0.039-0.138" 5,0-10,0 mm 0.196-0.394" | 30 Nm 22.13 ft lb 80 Nm 59.00 ft lb | 03LME1418260 | 14x18 mm (9.551x0.708") | 270 mm (10.630") | 03DYE10100B | 10-100 Nm | 14x18 mm (0.551x0.708") | 405 mm (15.945") | 03ER030B | 14x18 mm (0.551x0.708") |
| ER HP 20 | 32 | 1,0-5,5 mm 0.039-0.217" 6,0-13 mm 0.236-0.512" | 40 Nm 29.50 ft lb 90 Nm 59.00 ft lb | 03LME1418260 | 14x18 mm (9.551x0.708") | 270 mm (10.630") | 03DYE10100B | 10-100 Nm | 14x18 mm (0.551x0.708") | 405 mm (15.945") | 03ER032B | 14x18 mm (0.551x0.708") |
| ER HP 25 | 40 | 1,0-5,5 mm 0.039-0.217" 6,0-13 mm 0.236-0.512" | 40 Nm 29.50 ft lb 90 Nm 73.00 ft lb | 03LME1418260 | 14x18 mm (9.551x0.708") | 270 mm (10.630") | 03DYE10100B | 10-100 Nm | 14x18 mm (0.551x0.708") | 405 mm (15.945") | 03ER040 | 14x18 mm (0.551x0.708") |
| ER HP 32 | 50 | 2,0-5,5 mm 0.078-0.217" 6,0-15,5 mm 0.236-0.590" 16,0-19,5 mm 0.629-0.768" 20,0 mm 0.787" | 40 Nm 29.50 ft lb 120 Nm 88.50 ft lb 140 Nm 103.26 ft lb 180 Nm 132.76 ft lb | 03LME1418370 | 14x18 mm (9.551x0.708") | 370 mm (11.811") | 03DYE040200 | 40-200 Nm | 14x18 mm (0.551x0.708") | 510 (20.078") | 03ER050 | 14x18 mm (0.551x0.708") |

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Bits for ER Collet chucks, used with Torque keys

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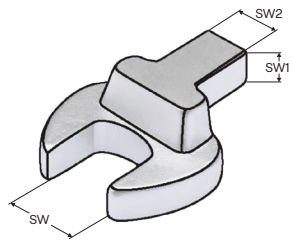
Seco Capto™

Others

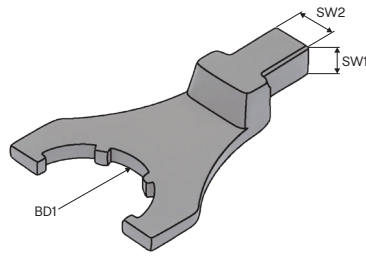
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Design 1



Design 2



Design 1

Design 2

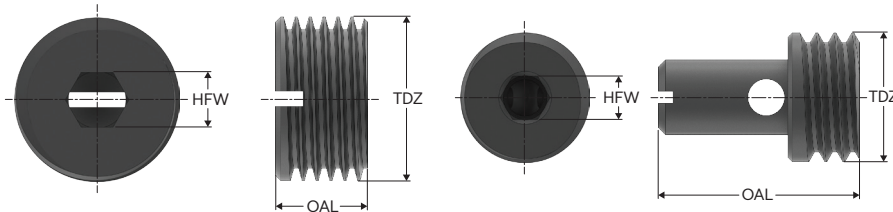
| Designation | Item number | Size | SW | BD1 | SW1 | SW2 | Design |
|-------------|-------------|------|----|-----|-----|-----|--------|
| 03EF1425S | 10307702 | ER16 | 25 | | 14 | 18 | 1 |
| 03EF1430S | 10307704 | ER20 | 30 | | 14 | 18 | 1 |
| 03EF1425E | 10307705 | ER25 | | 42 | 14 | 18 | 2 |
| 03EF1432E | 10307706 | ER32 | | 50 | 14 | 18 | 2 |
| 03EF1440E | 10307707 | ER40 | | 63 | 14 | 18 | 2 |

Axial stop end screws for ER HP Collet chucks

Our standard ER HP collet chucks are delivered without axial stop screws. Two types of stop screw can be ordered: a short design (U) for long tool shanks that go through the collet and a longer design (W) for shorter tool shanks ending in the collet (see details below).

Using a stop end screw in an ER HP collet chucks may affect the runout precision and cause imbalance.

For LF-LFN stroke values, see instruction sheet on www.secotools.com



| Type | Collet sizes | Screw ref. | TDZ | HFZ | SB |
|------------------|--------------|------------|---------|-----|-----|
| Short (U) | ER11R | 19BAS08U | M8x1 | 4 | 1,6 |
| | ER16, ER16R | 19BAS11U | M11x1 | 6 | 1,6 |
| | ER20 | 19BAS14U | M14x1 | 5 | 1,5 |
| | ER25 | 19BAS18U | 18x1,5 | 6 | 1,6 |
| | ER32 | 19BAS22U | M22x1,5 | 6 | 1,6 |
| Long (W) | ER11R | 19BAS08W | M8x1 | 4 | 1,2 |
| | ER16, ER16R | 19BAS11W | M11x1 | 6 | 1,2 |
| | ER20 | 19BAS14W | M14x1 | 5 | 1,6 |
| | ER25 | 19BAS18W | 18x1,5 | 6 | 1,6 |
| | ER32 | 19BAS22W | M22x1,5 | 6 | 1,6 |

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Shrinkfit



Shrinkfit devices

Our range of Shrinkfit devices can meet the needs of any manufacturer, offering fast performance and incredibly reliable precision. These systems incorporate automatic heating cycles and efficient cooling cycles that use forced air or water cooling bells. Additionally, the use of stop rods for height setting further ensures stability, reliability and accuracy.

- Easyshrink EVO with latest technology
- Fast and easy operation due to simple interface
- Extended tool holder life because of individual optimized heat settings
- Ergonomic tool setting ensures safety due to the machine design
- Versatility and flexibility with an all-in-one solution

- Metric/ Inch



Delivery content – 1 Easyshrink Evo device, including:
5 standard heat focusing stoppers for Ø3 to 32 mm
8 stop rods
2 cooling cones
1 pair of gloves
1 operating instruction

- The device accepts only the voltage:
AC 3 x 400V (+/-10%) + PEN/25A/50-60Hz
AC 3 x 400V (+/-10%) + N + PE/25A/50-60Hz
- For other voltages, a specific device is available on demand
- For ISO attribute explanation, see page 15

| Designation | Item number | Capacity, tool shank | Capacity, tool shank | Shrinking time, approx. (sec.) | Width | Depth | Height | Weight |
|-------------|-------------|-------------------------|----------------------|--------------------------------|-----------------|-----------------|-----------------|-----------------|
| | | Carbide/ Heavy metal | Steel/ HSS | | mm | mm | mm | |
| | | mm | mm | | mm inch | mm inch | mm inch | kg lbs |
| ZFM30IN10 | 03309162 | 3-32 | 6-32 | 10 | 317,0 12.480 | 943,0 37.126 | 920,0 36.220 | 80,0 176.370 |

- Metric/ Inch



Delivery content – 1 Refrigeration unit, including:
1 column for Tubes Support
2 cooling bells with connecting tubes
1 Extension Table

- For usage of refrigeration unit, contact bushing are required, see page(s) 418, 419
- For the use on a 60 hz electricity grid, a specific water cooler is required and available on demand
- For ISO attribute explanation, see page 15

| Designation | Item number | Cooling Bells Qty. | Cooling time approx. (minutes) | Width | Depth | Height | Weight |
|-------------|-------------|--------------------|--------------------------------|-----------------|-----------------|-----------------|----------------|
| | | | | mm | mm | mm | |
| | | | | mm inch | mm inch | mm inch | kg lbs |
| ZFM30RE1 | 03309164 | 2 | 1 | 490,0 19.291 | 630,0 24.803 | 285,0 11.220 | 25,0 55.120 |

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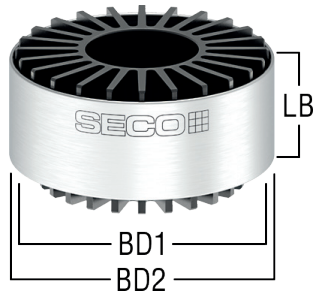
Others

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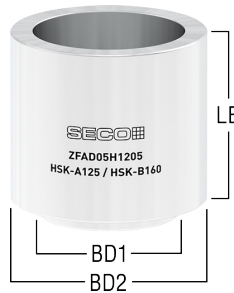
Shrinkfit

- Metric/ Inch

Group 1A
Finned support



Group 1B
Support



Group 2
Contact bushing for cooling bells



-For ISO attribute explanation, see page 15

| Group | Designation | Item number | For Shrinkfit holder and tool shank sizes Ø mm | BD1 | BD2 | LB | Weight |
|-------|-------------|-------------|---|---------------|----------------|----------------|--------------|
| | | | | mm inch | mm inch | mm inch | kg lbs |
| 1A | ZFAD05H32 | 02464615 | HSK-A32 / HSK-C32 / HSK-E32 / HSK-B40 / HSK-D40 | 90,0 3.543 | 114,0 4.488 | 60,0 2.362 | 1,1 2.430 |
| 1A | ZFAD05H40 | 02464616 | HSK-A40 / HSK-C40 / HSK-E40 / HSK-B50 / HSK-D50 / HSK-F50 | 90,0 3.543 | 114,0 4.488 | 60,0 2.362 | 1,0 2.200 |
| 1A | ZFAD05H50 | 02464618 | HSK-A50 / HSK-C50 / HSK-E50 / HSK-B63 / HSK-D63 / HSK-F63 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,9 1.980 |
| 1A | ZFAD05H63 | 02464622 | HSK-A63 / HSK-C63 / HSK-E63 / HSK-B80 / HSK-D80 / HSK-F80 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,8 1.760 |
| 1A | ZFAD05H10 | 02464611 | HSK-A100 / HSK-C100 / HSK-B125 / HSK-D125 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,7 1.540 |
| 1A | ZFAD05S30 | 02464625 | SA30 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,9 1.980 |
| 1A | ZFAD05S40 | 02464626 | SA40 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,8 1.760 |
| 1A | ZFAD05S50 | 02464628 | SA50 | 90,0 3.543 | 114,0 4.488 | 110,0 4.331 | 1,3 2.870 |
| 1A | ZFAD05C3 | 02549220 | Seco Capto™ C3 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,7 1.540 |
| 1A | ZFAD05C4 | 02549221 | Seco Capto™ C4 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,9 1.980 |
| 1A | ZFAD05C5 | 02549222 | Seco Capto™ C5 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,7 1.540 |
| 1A | ZFAD05C6 | 02549223 | Seco Capto™ C6 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,8 1.760 |
| 1A | ZFAD05C8 | 02549225 | Seco Capto™ C8 | 90,0 3.543 | 114,0 4.488 | 50,0 1.969 | 0,7 1.540 |
| 1B | ZFAD05H1205 | 03267331 | HSK-A125 / HSK-B160 | 90,0 3.543 | 125,0 4.921 | 110,0 4.331 | 2,5 5.510 |
| 2 | ZFAR10D103 | 02414213 | 5801 - Ø3 | - | - | - | 0,6 1.320 |
| 2 | ZFAR10D104 | 02414214 | 5801 - Ø4 | - | - | - | 0,6 1.320 |
| 2 | ZFAR10D105 | 02414215 | 5801 - Ø5 | - | - | - | 0,6 1.320 |
| 2 | ZFAR10D106 | 02414216 | 5801 - Ø6 | - | - | - | 0,6 1.320 |
| 2 | ZFAR10D108 | 02414217 | 5801 - Ø8 | - | - | - | 0,6 1.320 |
| 2 | ZFAR10D110 | 02414218 | 5801 - Ø10 | - | - | - | 0,6 1.320 |
| 2 | ZFAR10D112 | 02414219 | 5801 - Ø12 | - | - | - | 0,6 1.320 |
| 2 | ZFAR10D114 | 02414220 | 5801 - Ø14 | - | - | - | 0,6 1.320 |

| Group | Designation | Item number | For Shrinkfit holder and tool shank sizes Ø mm | BD1 | | BD2 | | LB | | Weight | |
|-------|-------------|-------------|---|-----|------|-----|------|----|------|--------|-------|
| | | | | mm | inch | mm | inch | mm | inch | kg | lbs |
| 2 | ZFAR10D116 | 02414221 | 5801 - Ø16 | - | - | - | - | - | - | 0,6 | 1.320 |
| 2 | ZFAR10D306 | 02414222 | 5603 - Ø6, Ø8 | - | - | - | - | - | - | 0,6 | 1.320 |
| 2 | ZFAR10D310 | 02422100 | 5603 - Ø10, Ø12 & 5600 - Ø6, Ø8 | - | - | - | - | - | - | 0,5 | 1.100 |
| 2 | ZFAR10D314 | 02414223 | 5603 - Ø14, Ø16 & 5600 - Ø10, Ø12 | - | - | - | - | - | - | 0,6 | 1.320 |
| 2 | ZFAR10D318 | 02414225 | 5603 - Ø18, Ø20 & 5600 - Ø14, Ø16 | - | - | - | - | - | - | 0,5 | 1.100 |
| 2 | ZFAR10D325 | 02414226 | 5603 - Ø25, Ø32 & 5600 - Ø18, Ø20 | - | - | - | - | - | - | 0,3 | 0.660 |
| 2 | ZFAR10D425 | 02857518 | 5600 - Ø25, Ø32 | - | - | - | - | - | - | 0,3 | 0.660 |

| |
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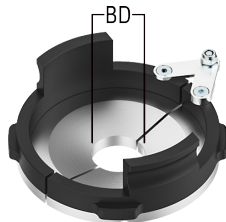
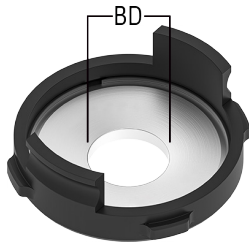
Group 1
Heat focusing stopper

Group 2
Heat focusing stopper
for tools with a larger
head*

Group 3
Stop rods set

Group 4
Pair of protective gloves

Group 5
Cooling cone



–* Maximum tool head that can pass through the inductor is 65 mm
–For ISO attribute explanation, see page 15

| Group | Designation | Item number | For tool shank Ø | BD | | Thread fitting/ Ø Front | For length capacity, | | Weight |
|-------|-------------|-------------|------------------|---------------|-------------------|----------------------------|----------------------|-------------------|--------------|
| | | | | mm inch | BD1 mm inch | | min mm inch | max mm inch | |
| 1 | ZFAT30C01 | 03309165 | 3-6 mm | 7,0 0.276 | – | – | – | – | 0,4 0.880 |
| | ZFAT30C02 | 03309166 | 8-14 mm | 15,0 0.591 | – | – | – | – | 0,4 0.880 |
| | ZFAT30C03 | 03309167 | 16-18 mm | 20,0 0.787 | – | – | – | – | 0,3 0.660 |
| | ZFAT30C04 | 03309168 | 20-25 mm | 27,0 1.063 | – | – | – | – | 0,2 0.440 |
| | ZFAT30C05 | 03309169 | 32 mm | 33,0 1.299 | – | – | – | – | 0,2 0.440 |
| | ZFAT30C06 | 03309170 | 3-8 mm | 8,5 0.335 | – | – | – | – | 0,4 0.880 |
| 2 | ZFAT30H01 | 03309171 | 3-6 mm | 6,5 0.256 | – | – | – | – | 0,4 0.880 |
| | ZFAT30H02 | 03309172 | 8-14 mm | 15,0 0.591 | – | – | – | – | 0,4 0.880 |
| | ZFAT30H03 | 03309173 | 16-18 mm | 20,0 0.787 | – | – | – | – | 0,3 0.660 |
| | ZFAT30H04 | 03309174 | 20-25 mm | 27,0 1.063 | – | – | – | – | 0,2 0.440 |
| | ZFAT30H05 | 03309175 | 32 mm | 34,0 1.339 | – | – | – | – | 0,2 0.440 |
| 3 | ZFS07IN018 | 02518546 | 3-5 mm | – | 2,5 0.098 | 2,5 | 0,0 0.0 | 240,0 9.449 | 0,1 0.220 |
| | ZFS07IN043 | 02753706 | 6-32 mm | – | 4,2 0.165 | 4,2 | 0,0 0.0 | 240,0 9.449 | 0,2 0.440 |
| 4 | ZFAG01 | 00032423 | – | – | – | – | – | – | 0,3 0.660 |
| | ZFAR03C | 02774585 | – | – | 110,0 4.331 | – | – | – | 0,1 0.220 |

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