

Garant
Shrink-fit chuck with cooling channel bores and strengthened walls, SK 40 short, Clamping range Ø D1: 20 mm

Order data

| | |
|--------------|---------------|
| Order number | 302316 20 |
| GTIN | 4045197762467 |
| Item class | 31A |

Description
Version:

- Supplied with coolant supply holes that can be plugged.
- High-temperature steel.
- Integral tool length adjustment, adjustment track 10 mm.
- For HSS and carbide.
- Shanks hard turned (for smooth running!)
- With Balluffchip bore.
- Glass bead blasted.

Advantage:

The reinforced version

- permits better machining results (feed rate, depth of cut).
- achieves better workpiece surface quality (due to vibration damping effect).

Application:

For clamping tools with parallel shank to h6 tolerance. Suitable for inductive, contact and hot-air shrink units.

Optional extras:

Pull studs (PS) No. 308600 – 308800. PS wrenches No. 308820 – 308835, Shrink-fit chuck extensions No. 302410 – 302419. Shrink-fit units, accessories No. 354210 – 354450.

Cooling channel bore: lockable

Overhang dimension A: 65 mm

Ø D₂: 35.5 mm

Ø D₃: 42.6 mm

L₁: 52 mm

Technical description

| | |
|---------------------------------------|---------------------|
| Ø D ₂ | 35.5 mm |
| L ₁ | 52 mm |
| Cooling channel bore | lockable |
| Ø D ₃ | 42.6 mm |
| Clamping Ø D ₁ | 20 mm |
| Overhang dimension A | 65 mm |
| Adapter | SK 40 short |
| Arbor standard | DIN 69871 |
| Arbor standard | ISO 7388-1 |
| Shape | ADB |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm |
| Concentricity | ≤ 3 µm |
| Machining strategy | HPC |
| Machining strategy | HSC |
| Type of product | Shrink-fit chuck |

Accessories

| | |
|---|----------------|
| Pull stud stud sealed, form A suitable for steep tapers 40 | 308610 40 |
| Special pull stud with no internal thread sealed suitable for steep tapers 40 | 308720 40 |
| Cooling adapter long 4.5° for clamping Ø 16,1-22 mm | 354236 16,1-22 |
| Pull stud 45° sealed suitable for steep tapers 40 | 308760 40 |
| Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40 | 308625 40 |
| Basic tool mounting for SK for taper shank 40 SK | 354225 40 |
| Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40 | 308615 40 |

| | |
|---|----------------|
| Pull stud 45° sealed suitable for steep tapers 40 | 308765 40 |
| Special pull stud with no internal thread sealed suitable for steep tapers 40 | 308700 40 |
| Screening plate for coil SU1 for clamping Ø 20-32 mm | 354240 20-32 |
| Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK | 308820 40 |
| Pull stud 60° sealed suitable for steep tapers 40 | 308785 40 |
| Cooling unit Type CU1 | 354215 CU1 |
| Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK | 308830 40 |
| Pull stud sealed, form B suitable for steep tapers 40 | 308620 40 |
| Cooling adapter short 4.5° for clamping Ø 16,1-22 mm | 354235 16,1-22 |
| Shrink-fit unit Type SU1 | 354210 SU1 |
| Pull stud 90° sealed suitable for steep tapers 40 | 308790 40 |
| Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/20 mm | 302410 32/20 |
| Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/20 mm | 302416 32/20 |
| Pull stud sealed, form B suitable for steep tapers 40 | 308650 40 |
| Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40 | 308630 40 |
| Pull stud Mazak sealed, form A suitable for steep tapers 40M | 308670 40M |
| Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/20 mm | 302412 32/20 |
| Pull stud Form A suitable for steep tapers 40 | 308600 40 |
| Screening plate for coil SU1 for clamping Ø 12-20 mm | 354240 12-20 |
| Pull stud 90° sealed suitable for steep tapers 40 | 308795 40 |
| Special pull stud with internal thread suitable for steep tapers 40 | 308740 40 |
| Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40 | 308605 40 |
| Pull stud sealed suitable for steep tapers 40 | 308660 40 |

| | |
|---|-----------|
| Pull stud Form B suitable for steep tapers 40 | 308640 40 |
| Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40 | 308801 40 |
| Pull stud Hurco 45° with fit sealed suitable for steep tapers 40 | 308802 40 |
| Torque insert for Pull studs to DIN 69872 suitable for steep tapers 40 SK | 308810 40 |
| Pull stud sealed suitable for steep tapers 40 | 308635 40 |
| Torque insert for Pull studs to SO 7388 suitable for steep tapers 40 SK | 308812 40 |
| Pull stud Hurco 90° with fit sealed suitable for steep tapers 40 | 308806 40 |