

Garant
Shrink-fit chuck with cooling channel bores, SK 40 short, Clamping range Ø D1: 12mm

Order data

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|--------------|---------------|
| Order number | 302252 12 |
| GTIN | 4045197287854 |
| Item class | 31A |

Description
Version:

- **High-temperature steel.**
- **Size 3 -5 for carbide, from size 6 for HSS and carbide.**
- **All shanks hard turned (for smooth running!).**
- **With RFID / Balluffchip bore.**

With **cooling channel bores** and tapped for plugging.

Cooling channel bores at clamping Ø D1: 3, 4 and 5 mm cannot be plugged.

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, balancing screws set No. 309906 size 180.

Technical description

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|---------------------------|---------|
| Overhang dimension A | 80 mm |
| Ø D ₂ | 24 mm |
| Clamping Ø D ₁ | 12 mm |
| External Ø D | 31.4 mm |

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|---------------------------------------|---------------------|
| Cooling channel bore | lockable |
| Adapter | SK 40 short |
| 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 | HSC |
| Machining strategy | HPC |
| Type of product | Shrink-fit chuck |

Accessories

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|---|---------------|
| Wrench for pull studs ISO 7388 suitable for ISO taper size 40 | 308830 40 |
| Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40 | 308630 40 |
| Pull stud sealed, form B suitable for steep tapers 40 | 308620 40 |
| Cooling unit Type CU1 | 354215 CU1 |
| Hurco 45° pull stud with 4-mm bore and fit sealed suitable for steep tapers 40 | 308801 40 |
| Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/12 mm | 302416 25/12 |
| Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40 | 308625 40 |
| Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/12 mm | 302415 20/12 |
| Cooling adapter long 4.5° for clamping Ø 9,1-12 mm | 354236 9,1-12 |
| Pull stud sealed, form A suitable for steep tapers 40 | 308610 40 |
| Pull stud sealed, form B suitable for steep tapers 40 | 308650 40 |
| Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/12 mm | 302412 32/12 |
| | 308615 40 |

Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40

Special pull stud with no internal threadsealed suitable for steep tapers 40

308700 40

Basic tool mountingfor SK for SK taper shank 40

354225 40

Pull stud 90°sealed suitable for steep tapers 40

308795 40

Pull stud, 18CrNiMo7Form A suitable for steep tapers 40

308605 40

Screening plate for coilSU1 for clamping Ø 12-20 mm

354240 12-20

Special pull stud with internal thread suitable for steep tapers 40

308740 40

Screening plate for coilSU1 for clamping Ø 6-12 mm

354240 6-12

Pull stud Hurco 45° with fitsealed suitable for steep tapers 40

308802 40

Pull studsealed suitable for steep tapers 40

308660 40

Pull stud 45°sealed suitable for steep tapers 40

308760 40

Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40

308820 40

Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm

302416 32/12

Pull studForm A suitable for steep tapers 40

308600 40

Pull stud 60°sealed suitable for steep tapers 40

308785 40

Pull stud 90°sealed suitable for steep tapers 40

308790 40

Shrink-fit unit Type SU1

354210 SU1

Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/12 mm

302410 25/12

Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm

302410 32/12

Pull studForm B suitable for steep tapers 40

308640 40

Pull studsealed suitable for steep tapers 40

308635 40

Pull studMazak, form A suitable for steep tapers 40M

308670 40M

Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 25/12 mm

302412 25/12

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|--|---------------|
| Cooling adapter short4.5° for clamping Ø 9,1-12 mm | 354235 9,1-12 |
| Pull stud 45°sealed suitable for steep tapers 40 | 308765 40 |