

Garant

Shrink-fit chucks 4.5° with retainer function, SK 50 A = 80, Clamping Ø D1: 12mm



Order data

| | |
|--------------|---------------|
| Order number | 302314 12 |
| GTIN | 4045197883926 |
| Item class | 31A |

Description

Version:

- High-temperature steel.
- Integral tool length adjustment, adjustment 5 mm.
- For carbide tools.
- All shanks hard turned (for a smooth cutting action!)
- With Balluffchip bore.
- Strengthened version.

Advantage:

Positive connection between the shrink-fit chuck and tool

- prevents the tool being pulled out accidentally - high safety!
- prevents jerky radial movement.

In addition to the advantage of the process reliability, due to the reinforced design the chuck has a

- lower tendency to vibrate, i.e. longer tool life and better surface finishes.
- Higher clamping forces than with standard shrink-fit chucks.

Tools freely selectable! Shank grinding obtainable from Hoffmann, but also freely available!

Application:

For clamping tools with parallel shank to h6 tolerance. Protection against withdrawal: The tool must have a defined clamping flat. Suitable for inductive, contact and hot-air shrink units.

Optional extras:

Pull studs (PS) No. 308600 – 308800, wrench for pull studs No. 308820 – 308835, shrink-fit units, accessories No. 354210 – 354450, balancing screws set No. 309906 size 180.

Note:

The milling cutter must be sharpened with a defined form. This form can be ordered for a new tool or an existing tool. **Number for sharpening form: 129100 + suitable size.** You can even create the form yourself, the data is available at: <http://ho7.eu/anschliff>.

Machining strategy: HSC

Clamping $\varnothing D_1$: 12 mm

Overhang dimension A: 80 mm

External $\varnothing D$: 42 mm

$\varnothing D_2$: 33 mm

suitable tool grinding 129100: 12

Technical description

| | |
|---------------------------------------|----------------------|
| Overhang dimension A | 80 mm |
| $\varnothing D_2$ | 33 mm |
| External $\varnothing D$ | 42 mm |
| Clamping $\varnothing D_1$ | 12 mm |
| suitable tool grinding 129100 | 12 |
| Adapter | SK 50 A = 80 |
| Arbor standard | ISO 7388-1 |
| Shape | ADB |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm |
| Concentricity | $\leq 3 \mu\text{m}$ |
| Machining strategy | HPC |
| Machining strategy | HSC |
| Type of product | Shrink-fit chuck |

Accessories

| | |
|---|-----------|
| Pull stud 45° sealed suitable for steep tapers 50 | 308760 50 |
| Special pull stud with no internal thread sealed suitable for steep tapers 50 | 308720 50 |
| Pull stud sealed suitable for steep tapers 50 | 308660 50 |
| Pull stud sealed, form B suitable for steep tapers 50 | 308650 50 |

| | |
|--|--------------|
| Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50 | 308605 50 |
| Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50 | 308820 50 |
| Pull stud sealed, form A suitable for steep tapers 50 | 308610 50 |
| Special pull stud with internal thread suitable for steep tapers 50 | 308740 50 |
| Special pull stud with no internal thread sealed suitable for steep tapers 50 | 308700 50 |
| Pull stud Form B suitable for steep tapers 50 | 308640 50 |
| Screening plate for coil SU1 for clamping Ø 12-20 mm | 354240 12-20 |
| Pull stud 90° sealed suitable for steep tapers 50 | 308790 50 |
| Wrench for pull studs ISO 7388 suitable for ISO taper size 50 | 308830 50 |
| Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50 | 308810 50 |
| Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50 | 308615 50 |
| Pull stud 90° sealed suitable for steep tapers 50 | 308795 50 |
| Pull stud sealed, form B suitable for steep tapers 50 | 308620 50 |
| Cooling unit Type CU1 | 354215 CU1 |
| Shrink-fit unit Type SU1 | 354210 SU1 |
| Subframe cupboard | 354290 |
| Basic tool mounting for SK for SK taper shank 50 | 354225 50 |
| Pull stud Form A suitable for steep tapers 50 | 308600 50 |
| Pull stud 45° sealed suitable for steep tapers 50 | 308765 50 |
| Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50 | 308812 50 |
| Pull stud 60° sealed suitable for steep tapers 50 | 308785 50 |