

**Garant**

**Shrink-fit chucks 4.5° with retainer function, SK 40 A = 80, Clamping Ø D1: 16 mm**


**Order data**

Order number	302312 16
GTIN	4045197883902
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: HPC

External Ø D: 42 mm

Ø D<sub>2</sub>: 33 mm

suitable tool grinding 129100: 16

## Technical description

Ø D <sub>2</sub>	33 mm
Clamping Ø D <sub>1</sub>	16 mm
External Ø D	42 mm
suitable tool grinding 129100	16
Adapter	SK 40 A = 80
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

Pull stud Form A suitable for steep tapers 40	308600 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
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
	308802 40

Pull stud Hurco 45° with fit sealed suitable for steep tapers 40

Pull stud sealed suitable for steep tapers 40 308635 40

Wrench for pull studs ISO 7388 suitable for ISO taper size 40 308830 40

Pull stud 45° sealed suitable for steep tapers 40 308760 40

Pull stud 60° sealed suitable for steep tapers 40 308785 40

Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40 308630 40

Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40 308801 40

Cooling unit Type CU1 354215 CU1

Pull stud Form B suitable for steep tapers 40 308640 40

Pull stud 90° sealed suitable for steep tapers 40 308795 40

Pull stud 90° sealed suitable for steep tapers 40 308790 40

Subframe cupboard 354290

Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40 308810 40

Pull stud Hurco 90° with fit sealed suitable for steep tapers 40 308806 40

Special pull stud with no internal thread sealed suitable for steep tapers 40 308700 40

Screening plate for coil SU1 for clamping Ø 12-20 mm 354240 12-20

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40 308820 40

Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40 308812 40

Shrink-fit unit Type SU1 354210 SU1

Basic tool mounting for SK for SK taper shank 40 SK 354225 40

Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40 308625 40

Pull stud sealed suitable for steep tapers 40 308660 40

Pull stud sealed, form B suitable for steep tapers 40 308620 40

Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40