

**Garant**

**Shrink-fit chucks 4.5° with retainer function, SK 50 A = 80, Clamping Ø D1: 20 mm**


**Order data**

Order number	302314 20
GTIN	4045197883940
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

External Ø D: 50 mm

Ø D<sub>2</sub>: 44 mm

suitable tool grinding 129100: 20

## Technical description

Ø D <sub>2</sub>	44 mm
Clamping Ø D <sub>1</sub>	20 mm
External Ø D	50 mm
suitable tool grinding 129100	20
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	≤ 3 µm
Machining strategy	HPC
Machining strategy	HSC
Type of product	Shrink-fit chuck

## Accessories

Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Pull stud 45° sealed suitable for steep tapers 50	308765 50
Basic tool mounting for SK for SK taper shank 50 SK	354225 50
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Pull stud Form B suitable for steep tapers 50	308640 50
	308740 50

Special pull stud with internal thread suitable for steep tapers 50

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50

308820 50

Pull stud Form A suitable for steep tapers 50

308600 50

Wrench for pull studs ISO 7388 suitable for ISO taper size 50

308830 50

Shrink-fit unit Type SU1

354210 SU1

Torque insert for Pull studs to ISO 7388 suitable for ISO taper size 50

308812 50

Pull stud sealed suitable for steep tapers 50

308660 50

Subframe cupboard

354290

Pull stud 90° sealed suitable for steep tapers 50

308790 50

Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50

308810 50

Screening plate for coil SU1 for clamping  $\varnothing$  20-32 mm

354240 20-32

Special pull stud with no internal thread sealed suitable for steep tapers 50

308720 50

Pull stud sealed, form B suitable for steep tapers 50

308650 50

Special pull stud with no internal thread sealed suitable for steep tapers 50

308700 50

Pull stud sealed, form B suitable for steep tapers 50

308620 50

Cooling unit Type CU1

354215 CU1

Pull stud sealed, form A suitable for steep tapers 50

308610 50

Pull stud 90° sealed suitable for steep tapers 50

308795 50

Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50

308615 50

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50

308605 50