

**Garant**
**Shrink-fit chuck, SK 50 A = 160, Clamping range  $\varnothing$  D1: 18mm**

**Order data**

Order number	302310 18
GTIN	4045197288745
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.**

**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**

Overhang dimension A	160 mm
$\varnothing$ D <sub>2</sub>	33 mm
Clamping $\varnothing$ D <sub>1</sub>	18 mm
External $\varnothing$ D	41 mm
Adapter	SK 50 A = 160
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

Basic tool mounting for SK for SK taper shank 50	354225 50
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 50	308790 50
Pull stud sealed suitable for steep tapers 50	308660 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
Pull stud 45° sealed suitable for steep tapers 50	308765 50
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/18 mm	302410 32/18
Pull stud sealed, form A suitable for steep tapers 50	308610 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50

Pull studsealed, form B suitable for steep tapers 50	308620 50
Pull studForm B suitable for steep tapers 50	308640 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Shrink-fit chuck extension 4.5°with length adjustment screw $\varnothing d / \varnothing D1$ 32/18 mm	302412 32/18
Pull studForm A suitable for steep tapers 50	308600 50
Cooling unit Type CU1	354215 CU1
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Cooling adapter long4.5° for clamping $\varnothing 16,1-22$ mm	354236 16,1-22