

**Garant**
**Shrink-fit chuck slim, SK 50 A = 160, Clamping range  $\varnothing$  D1: 12mm**

**Order data**

Order number	302344 12
GTIN	4045197505446
Item class	31A

**Description**
**Version:**

- All shanks hard turned (for smooth running!).
- With RFID / Balluffchip bore.
- Integral tool length adjustment, range 10 mm available only from size 6 upwards!
- Extra slim design(reduced interference contour).

**Application:**

- Cutting operations in tool and mould making.
- For clamping tools with parallel shank to h6 tolerance.

**Optional extras:**

Pull studs (PS) No. 308600 – 308806. PS wrenches No. 308820 – 308835, Shrink-fit chuck extensions No. 302410 – 302419. Shrink-fitting units No. 354210 – 354450.

**Technical description**

Clamping $\varnothing$ D <sub>1</sub>	12 mm
$\varnothing$ D <sub>2</sub>	18 mm
Overhang dimension A	160 mm
External $\varnothing$ D	33.9 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

Pull studForm B suitable for steep tapers 50	308640 50
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Cooling unit Type CU1	354215 CU1
Basic tool mountingfor SK for SK taper shank 50	354225 50
Pull stud 45°sealed suitable for steep tapers 50	308765 50
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/12 mm	302410 25/12
Shrink-fit unit Type SU1	354210 SU1
Pull stud 45°sealed suitable for steep tapers 50	308760 50
Pull studsealed, form B suitable for steep tapers 50	308620 50
Pull studsealed, form B suitable for steep tapers 50	308650 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm	302410 32/12
Cooling adapter short4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 32/12 mm	302412 32/12
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 50	308600 50
Pull studsealed, form A suitable for steep tapers 50	308610 50
Pull studsealed suitable for steep tapers 50	308660 50
Shrink-fit chuck extension 4.5°without length adjustment screw $\varnothing d / \varnothing D1$ 25/12 mm	302416 25/12
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Shrink fit chuck extension 3°, vibration-damped $\varnothing d / \varnothing D1$ 20/12 mm	302415 20/12
Screening plate for coilSU1 for clamping $\varnothing$ 6-12 mm	354240 6-12
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 50
Shrink-fit chuck extension 4.5°with length adjustment screw $\varnothing d / \varnothing D1$ 25/12 mm	302412 25/12
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud 60°sealed suitable for steep tapers 50	308785 50
Cooling adapter long4.5° for clamping $\varnothing$ 9,1-12 mm	354236 9,1-12
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Screening plate for coilSU1 for clamping $\varnothing$ 12-20 mm	354240 12-20