

Garant
Shrink-fit chuck with cooling channel bores, SK 50 A = 160, Clamping range Ø D1: 10mm

Order data

Order number	302313 10
GTIN	4062406544706
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.**

With **coolant hole bores** tapped for plugging.

Coolant hole bores at clamping Ø D1: 3, 4 and 5 mm cannot be plugged.

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
Ø D ₂	24 mm
Clamping Ø D ₁	10 mm
Cooling channel bore	lockable

External Ø D	31.4 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

Cooling unit Type CU1	354215 CU1
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/10 mm	302416 25/10
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Pull studsealed, form B suitable for steep tapers 50	308650 50
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 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 25/10 mm	302410 25/10
Pull stud 45°sealed suitable for steep tapers 50	308760 50
Shrink-fit chuck extension 4.5°without length adjustment screw, with through coolant holes Ø d / Ø D1 32/10 mm	302414 32/10
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 32/10 mm	302412 32/10
Pull studsealed, form A suitable for steep tapers 50	308610 50

Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 25/10 mm	302412 25/10
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/10 mm	302410 32/10
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Basic tool mountingfor SK for SK taper shank 50	354225 50
Pull stud 60°sealed suitable for steep tapers 50	308785 50
Pull stud 45°sealed suitable for steep tapers 50	308765 50
Screening plate for coilSU1 for clamping Ø 6-12 mm	354240 6-12
Pull studsealed, form B suitable for steep tapers 50	308620 50
Pull studForm A suitable for steep tapers 50	308600 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/10 mm	302416 32/10
Cooling adapter long4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/10 mm	302415 20/10
Pull studForm B suitable for steep tapers 50	308640 50
Cooling adapter short4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Pull studsealed suitable for steep tapers 50	308660 50