

Garant
Shrink-fit chuck with cooling channel bores, SK 50 A = 160, Clamping range \varnothing D1: 16mm

Order data

Order number	302313 16
GTIN	4062406544720
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 \varnothing 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
External \varnothing D	34 mm
Cooling channel bore	lockable
\varnothing D ₂	27 mm

Clamping $\varnothing D_1$	16 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	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

Shrink-fit chuck extension 4.5°with length adjustment screw $\varnothing d / \varnothing D1$ 25/16 mm	302412 25/16
Cooling unit Type CU1	354215 CU1
Pull studForm A suitable for steep tapers 50	308600 50
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Pull stud 60°sealed suitable for steep tapers 50	308785 50
Pull studsealed, form B suitable for steep tapers 50	308620 50
Basic tool mountingfor SK for SK taper shank 50	354225 50
Shrink-fit chuck extension 4.5°without length adjustment screw $\varnothing d / \varnothing D1$ 32/16 mm	302416 32/16
Pull studsealed suitable for steep tapers 50	308660 50
Pull stud 45°sealed suitable for steep tapers 50	308760 50
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Cooling adapter long4.5° for clamping \varnothing 12,1-16 mm	354236 12,1-16
Shrink-fit chuck extension 4.5°with length adjustment screw $\varnothing d / \varnothing D1$ 32/16 mm	302412 32/16
	302410 32/16

Shrink-fit chuck extension 4.5°without length adjustment
screw Ø d / Ø D1 32/16 mm

Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 50
Pull studsealed, form A suitable for steep tapers 50	308610 50
Pull studForm B suitable for steep tapers 50	308640 50
Screening plate for coilSU1 for clamping Ø 12-20 mm	354240 12-20
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/16 mm	302416 25/16
Pull stud 45°sealed suitable for steep tapers 50	308765 50
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Pull studsealed, form B suitable for steep tapers 50	308650 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Cooling adapter short4.5° for clamping Ø 12,1-16 mm	354235 12,1-16
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/16 mm	302410 25/16