

Garant
Shrink-fit chuck with cooling channel bores, SK 50 A = 120, Clamping range \varnothing D1: 12mm

Order data

Order number	302308 12
GTIN	4062406544638
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

External \varnothing D	31.4 mm
\varnothing D ₂	24 mm
Overhang dimension A	120 mm
Cooling channel bore	lockable

Clamping $\varnothing D_1$	12 mm
Adapter	SK 50 A = 120
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

Pull studsealed, form B suitable for steep tapers 50	308620 50
Cooling adapter short 4.5° for clamping $\varnothing 9,1-12$ mm	354235 9,1-12
Pull studForm A suitable for steep tapers 50	308600 50
Shrink-fit chuck extension 4.5° without length adjustment screw $\varnothing d / \varnothing D1 25/12$ mm	302410 25/12
Screening plate for coilSU1 for clamping $\varnothing 12-20$ mm	354240 12-20
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 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 no internal threadsealed suitable for steep tapers 50	308720 50
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Shrink-fit chuck extension 4.5° without length adjustment screw $\varnothing d / \varnothing D1 32/12$ mm	302410 32/12
Cooling adapter long 4.5° for clamping $\varnothing 9,1-12$ mm	354236 9,1-12
	308740 50

Special pull stud with internal thread suitable for steep tapers 50

Pull studsealed suitable for steep tapers 50	308660 50
Pull stud 60°sealed suitable for steep tapers 50	308785 50
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/12 mm	302415 20/12
Cooling unit Type CU1	354215 CU1
Pull studsealed, form A suitable for steep tapers 50	308610 50
Pull studsealed, form B suitable for steep tapers 50	308650 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 25/12 mm	302416 25/12
Basic tool mountingfor SK for SK taper shank 50	354225 50
Pull stud 45°sealed suitable for steep tapers 50	308765 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm	302416 32/12
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Screening plate for coilSU1 for clamping Ø 6-12 mm	354240 6-12
Pull studForm B suitable for steep tapers 50	308640 50
Pull stud 45°sealed suitable for steep tapers 50	308760 50
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50