

Garant

Shrink-fit chuck with cooling channel bores, SK 50 short, Clamping range Ø D1: 12 mm



Order data

Order number	302292 12
GTIN	4045197288516
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 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.

Machining strategy: HPC

Cooling channel bore: lockable

Overhang dimension A: 80 mm

External Ø D: 31.4 mm

Ø D₂: 24 mm

Technical description

Overhang dimension A	80 mm
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Ø D ₂	24 mm
Clamping Ø D ₁	12 mm
External Ø D	31.4 mm
Cooling channel bore	lockable
Adapter	SK 50 short
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 stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Pull stud sealed suitable for steep tapers 50	308660 50
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud Form B suitable for steep tapers 50	308640 50
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 25/12 mm	302417 25/12
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Cooling adapter short 4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
	302416 25/12

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 25/12 mm

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, with through coolant holes Ø d / Ø D1 32/12 mm

302414 32/12

Wrench for pull studs ISO 7388 suitable for ISO taper size
50

308830 50

Pull stud sealed, form B suitable for steep tapers 50

308620 50

Shrink fit chuck extension 3°, vibration-damped Ø d / Ø
D1 20/12 mm

302415 20/12

Pull stud sealed, form A suitable for steep tapers 50

308610 50

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 25/12 mm

302410 25/12

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872)
suitable for ISO taper size 50

308820 50

Basic tool mounting for SK for SK taper shank 50 SK

354225 50

Screening plate for coil SU1 for clamping Ø 12-20 mm

354240 12-20

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 25/12 mm

302412 25/12

Pull stud 90° sealed suitable for steep tapers 50

308795 50

Pull stud 60° sealed suitable for steep tapers 50

308785 50

Shrink-fit unit Type SU1

354210 SU1

Torque insert for Pull studs to DIN 69872 suitable for ISO
taper size 50

308810 50

Screening plate for coil SU1 for clamping Ø 6-12 mm

354240 6-12

Cooling adapter long 4.5° for clamping Ø 9,1-12 mm

354236 9,1-12

Pull stud Form A suitable for steep tapers 50

308600 50

Torque insert for Pull studs to SO 7388 suitable for ISO
taper size 50

308812 50

Cooling unit Type CU1

354215 CU1

308720 50

Special pull stud with no internal thread sealed suitable for steep tapers 50

Pull stud 45° sealed suitable for steep tapers 50

308765 50

Shrink-fit chuck extension 4.5° without length adjustment
screw $\varnothing d / \varnothing D1$ 32/12 mm

302416 32/12

Shrink-fit chuck extension 4.5° without length adjustment
screw $\varnothing d / \varnothing D1$ 32/12 mm

302410 32/12