

Garant

Shrink-fit chuck with cooling channel bores, SK 50 short, Clamping range Ø D1: 8 mm



Order data

Order number	302292 8
GTIN	4045197288493
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: 27 mm

Ø D₂: 21 mm

Technical description

Ø D ₂	21 mm
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Overhang dimension A	80 mm
Clamping $\varnothing D_1$	8 mm
External $\varnothing D$	27 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	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

Pull stud Form A suitable for steep tapers 50	308600 50
Cooling adapter long 4.5° for clamping \varnothing 6-9 mm	354236 6-9
Screening plate for coil SU1 for clamping \varnothing 6-12 mm	354240 6-12
Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes $\varnothing d / \varnothing D1$ 25/8 mm	302414 25/8
Shrink-fit chuck extension 4.5° with length adjustment screw $\varnothing d / \varnothing D1$ 20/8 mm	302412 20/8
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Cooling adapter short 4.5° for clamping \varnothing 6-9 mm	354235 6-9
Basic tool mounting for SK for SK taper shank 50 SK	354225 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Shrink-fit chuck extension 4.5° with length adjustment screw $\varnothing d / \varnothing D1$ 25/8 mm	302412 25/8
	302416 20/8

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 20/8 mm

Pull stud sealed, form B suitable for steep tapers 50

308620 50

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 25/8 mm

302416 25/8

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

308830 50

Pull stud 60° sealed suitable for steep tapers 50

308785 50

Shrink fit chuck extension 3°, vibration-damped Ø d / Ø
D1 20/8 mm

302415 20/8

Pull stud sealed, form B suitable for steep tapers 50

308650 50

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

308820 50

Cooling unit Type CU1

354215 CU1

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

308810 50

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50

308605 50

Pull stud sealed suitable for steep tapers 50

308660 50

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

308812 50

Pull stud 90° sealed suitable for steep tapers 50

308790 50

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 25/8 mm

302410 25/8

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

308720 50

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

308700 50

Pull stud, 18CrNiMo7 sealed, form B suitable for steep
tapers 50

308615 50

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 20/8 mm

302410 20/8

Pull stud Form B suitable for steep tapers 50

308640 50

Pull stud 45° sealed suitable for steep tapers 50

308765 50

Pull stud 45° sealed suitable for steep tapers 50	308760 50
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Shrink-fit unit Type SU1	354210 SU1