

Garant

Shrink-fit chuck with cooling channel bores, SK 50 A = 120, Clamping range \varnothing D1: 14mm



Order data

Order number	302308 14
GTIN	4062406544645
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	120 mm
Cooling channel bore	lockable
Clamping \varnothing D ₁	14 mm
External \varnothing D	34 mm

Ø D ₂	27 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	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

Pull stud Form B suitable for steep tapers 50	308640 50
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 25/14 mm	302410 25/14
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 50
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 25/12 mm	302412 25/12
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 25/14 mm	302417 25/14
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/14 mm	302416 32/14
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Shrink-fit chuck extension 4.5°without length adjustment screw, with through coolant holes Ø d / Ø D1 32/14 mm	302414 32/14
	302410 32/12

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

Cooling adapter long 4.5° for clamping Ø 12,1-16 mm 354236 12,1-16

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 32/12 mm 302416 32/12

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 25/12 mm 302416 25/12

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872)
suitable for ISO taper size 50 308820 50

Shrink-fit chuck extension 4.5° with length adjustment
screw Ø d / Ø D1 32/12 mm 302412 32/12

Special pull stud with internal thread suitable for steep
tapers 50 308740 50

Pull stud sealed, form A suitable for steep tapers 50 308610 50

Pull stud 45° sealed suitable for steep tapers 50 308765 50

Cooling adapter short 4.5° 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 32/14 mm 302410 32/14

Pull stud 45° sealed suitable for steep tapers 50 308760 50

Pull stud sealed, form B suitable for steep tapers 50 308650 50

Screening plate for coil SU1 for clamping Ø 12-20 mm 354240 12-20

Cooling unit Type CU1 354215 CU1

Pull stud Form A suitable for steep tapers 50 308600 50

Shrink-fit chuck extension 4.5° with length adjustment
screw Ø d / Ø D1 32/14 mm 302412 32/14

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 25/12 mm 302410 25/12

Shrink-fit chuck extension 4.5° with length adjustment
screw Ø d / Ø D1 25/14 mm 302412 25/14

Pull stud sealed suitable for steep tapers 50 308660 50

Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1
20/12 mm 302415 20/12

Basic tool mountingfor SK for SK taper shank 50	354225 50
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Pull stud 60°sealed suitable for steep tapers 50	308785 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/14 mm	302416 25/14