

Garant
Shrink-fit chuck, SK 50 A = 160, Clamping range \varnothing D1: 12 mm

Order data

Order number	302310 12
GTIN	4045197288714
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.**

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

External \varnothing D: 31.4 mm

\varnothing D₂: 24 mm

Technical description

\varnothing D ₂	24 mm
Clamping \varnothing D ₁	12 mm
External \varnothing D	31.4 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	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

Cooling adapter short 4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
Basic tool mounting for SK for SK taper shank 50 SK	354225 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
Pull stud sealed, form B suitable for steep tapers 50	308620 50
Cooling adapter long 4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Pull stud stud sealed, form A suitable for steep tapers 50	308610 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 25/12 mm	302416 25/12
Pull stud 45° sealed suitable for steep tapers 50	308765 50
Shrink-fit unit Type SU1	354210 SU1

Screening plate for coil SU1 for clamping Ø 6-12 mm	354240 6-12
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 25/12 mm	302417 25/12
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Pull stud sealed suitable for steep tapers 50	308660 50
Pull stud Form A suitable for steep tapers 50	308600 50
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/12 mm	302415 20/12
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
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 25/12 mm	302412 25/12
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/12 mm	302410 32/12
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° without length adjustment screw Ø d / Ø D1 32/12 mm	302416 32/12
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
Pull stud Form B suitable for steep tapers 50	308640 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 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