

Garant
Shrink-fit chuck, SK 50 short, Clamping range \varnothing D1: 16 mm

Order data

Order number	302285 16
GTIN	4045197288141
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.

Overhang dimension A: 80 mm

External \varnothing D: 34 mm

\varnothing D₂: 27 mm

Technical description

Clamping \varnothing D ₁	16 mm
Overhang dimension A	80 mm
\varnothing D ₂	27 mm
External \varnothing D	34 mm

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 sealed, form B suitable for steep tapers 50	308650 50
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
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Shrink-fit unit Type SU1	354210 SU1
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/16 mm	302412 32/16
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/16 mm	302410 25/16
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 25/16 mm	302417 25/16
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Cooling adapter short 4.5° for clamping Ø 12,1-16 mm	354235 12,1-16
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 25/16 mm	302412 25/16
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 32/16 mm	302419 32/16
	302416 32/16

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 32/16 mm

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 25/16 mm 302416 25/16

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

Basic tool mounting for SK for SK taper shank 50 SK 354225 50

Pull stud 90° sealed suitable for steep tapers 50 308795 50

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

Pull stud, 18CrNiMo7 sealed, form B suitable for steep
tapers 50 308615 50

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

Special pull stud with no internal thread sealed suitable for
steep tapers 50 308700 50

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50 308605 50

Pull stud sealed suitable for steep tapers 50 308660 50

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

Pull stud Form B suitable for steep tapers 50 308640 50

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

Special pull stud with no internal thread sealed suitable for
steep tapers 50 308720 50

Torque insert for Pull studs to DIN 69872 suitable for ISO
taper size 50 308810 50

Shrink-fit chuck extension 4.5° without length adjustment
screw Ø d / Ø D1 32/16 mm 302410 32/16

Torque insert for Pull studs to SO 7388 suitable for ISO
taper size 50 308812 50

Cooling unit Type CU1 354215 CU1

Pull stud Form A suitable for steep tapers 50 308600 50

Pull stud sealed, form B suitable for steep tapers 50 308620 50

Shrink-fit chuck extension 4.5° without length adjustment
screw, with through coolant holes Ø d / Ø D1 32/16 mm 302414 32/16

