

**Garant**
**SK shrink-fit chuck, SK 40 A = 160, Clamping range  $\varnothing D_1$ : 16 mm**

**Order data**

Order number	302258 16
GTIN	4045197288059
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.

External  $\varnothing D$ : 34 mm

$\varnothing D_2$ : 27 mm

**Technical description**

$\varnothing D_2$	27 mm
Clamping $\varnothing D_1$	16 mm
External $\varnothing D$	34 mm
Adapter	SK 40 A = 160
Arbor standard	ISO 7388-1
Arbor standard	DIN 69871

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

Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/16 mm	302410 32/16
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 25/16 mm	302417 25/16
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/16 mm	302416 32/16
Pull stud sealed suitable for steep tapers 40	308660 40
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/16 mm	302412 32/16
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
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 40	308700 40
	308801 40

Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40

Pull stud Form B suitable for steep tapers 40	308640 40
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 40 SK	308810 40
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/16 mm	302410 25/16
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Pull stud Form A suitable for steep tapers 40	308600 40
Cooling unit Type CU1	354215 CU1
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK	308820 40
Cooling adapter short 4.5° for clamping Ø 12,1-16 mm	354235 12,1-16
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Pull stud sealed suitable for steep tapers 40	308635 40
Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes Ø d / Ø D1 32/16 mm	302414 32/16
Basic tool mounting for SK for taper shank 40 SK	354225 40
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/16 mm	302416 25/16
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Torque insert for Pull studs to SO 7388 suitable for steep tapers 40 SK	308812 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
Shrink-fit unit Type SU1	354210 SU1
Shrink-fit chuck extension 4.5° with length adjustment screw $\varnothing d / \varnothing D1$ 25/16 mm	302412 25/16
Shrink fit chuck extension 3°, vibration-damped $\varnothing d / \varnothing D1$ 32/16 mm	302419 32/16
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40