

**Garant**
**SK shrink-fit chuck, SK 40 A = 160, Clamping range  $\varnothing$  D1: 14 mm**

**Order data**

Order number	302258 14
GTIN	4045197288042
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<sub>2</sub>: 27 mm

**Technical description**

Clamping $\varnothing$ D <sub>1</sub>	14 mm
$\varnothing$ D <sub>2</sub>	27 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

Pull stud 45° sealed suitable for steep tapers 40	308765 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Cooling adapter short 4.5° for clamping Ø 12,1-16 mm	354235 12,1-16
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/14 mm	302416 32/14
Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes Ø d / Ø D1 32/12 mm	302414 32/12
Pull stud Form A suitable for steep tapers 40	308600 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/12 mm	302412 32/12
Basic tool mounting for SK for taper shank 40 SK	354225 40
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/14 mm	302410 25/14
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/12 mm	302416 32/12
	302417 25/14

Shrink fit chuck extension 3°, vibration-damped  $\varnothing d / \varnothing$   
D1 25/14 mm

Pull stud Form B suitable for steep tapers 40

308640 40

Shrink-fit chuck extension 4.5° without length adjustment  
screw  $\varnothing d / \varnothing$  D1 25/14 mm

302416 25/14

Shrink-fit chuck extension 4.5° with length adjustment  
screw  $\varnothing d / \varnothing$  D1 25/14 mm

302412 25/14

Torque insert for Pull studs to SO 7388 suitable for steep  
tapers 40 SK

308812 40

Torque insert for Pull studs to DIN 69872 suitable for steep  
tapers 40 SK

308810 40

Shrink-fit chuck extension 4.5° with length adjustment  
screw  $\varnothing d / \varnothing$  D1 32/14 mm

302412 32/14

Cooling adapter long 4.5° for clamping  $\varnothing$  12,1-16 mm

354236 12,1-16

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

308801 40

Pull stud sealed suitable for steep tapers 40

308635 40

Cooling unit Type CU1

354215 CU1

Pull stud stud sealed, form A suitable for steep tapers 40

308610 40

Pull stud 90° sealed suitable for steep tapers 40

308790 40

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40

308605 40

Shrink-fit chuck extension 4.5° without length adjustment  
screw  $\varnothing d / \varnothing$  D1 32/14 mm

302410 32/14

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

302410 32/12

Pull stud sealed suitable for steep tapers 40

308660 40

Screening plate for coil SU1 for clamping  $\varnothing$  12-20 mm

354240 12-20

Pull stud Mazak sealed, form A suitable for steep tapers  
40M

308670 40M

Pull stud sealed, form B suitable for steep tapers 40

308650 40

Pull stud 60° sealed suitable for steep tapers 40

308785 40

Shrink fit chuck extension 3°, vibration-damped  $\varnothing d / \varnothing$   
D1 25/12 mm

302417 25/12

Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Shrink-fit chuck extension 4.5° without length adjustment screw $\varnothing d / \varnothing D1$ 25/12 mm	302416 25/12
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK	308820 40
Shrink-fit chuck extension 4.5° without length adjustment screw $\varnothing d / \varnothing D1$ 25/12 mm	302410 25/12
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Shrink fit chuck extension 3°, vibration-damped $\varnothing d / \varnothing D1$ 20/12 mm	302415 20/12
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes $\varnothing d / \varnothing D1$ 32/14 mm	302414 32/14
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Shrink-fit chuck extension 4.5° with length adjustment screw $\varnothing d / \varnothing D1$ 25/12 mm	302412 25/12
Shrink-fit unit Type SU1	354210 SU1