

Garant
Shrink-fit chucks slim, SK 40 A = 160, Clamping range \varnothing D1: 12 mm

Order data

Order number	302333 12
GTIN	4045197504791
Item class	31A

Description
Version:

- **All shanks hard turned (for smooth running!).**
- **With Balluffchip bore.**
- **Integral tool length adjustment, range 10 mm available only from size 6 upwards!**
- **Extra slim design(reduced interference contour).**

Application:

- **Cutting operations in tool and mould making.**
- **For clamping tools with parallel shank to h6 tolerance.**

Optional extras:

Pull studs (PS) No. 308600 – 308806. PS wrenches No. 308820 – 308835, Shrink-fit chuck extensions No. 302410 – 302419. Shrink-fitting units No. 354210 – 354450.

Machining strategy: HPC

External \varnothing D: 33.9 mm

\varnothing D₂: 18 mm

Technical description

Clamping \varnothing D ₁	12 mm
\varnothing D ₂	18 mm
External \varnothing D	33.9 mm
Adapter	SK 40 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 long 4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/12 mm	302416 25/12
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
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 unit Type SU1	354210 SU1
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/12 mm	302416 32/12
Basic tool mounting for SK for SK taper shank 40 SK	354225 40
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Screening plate for coil SU1 for clamping Ø 6-12 mm	354240 6-12

Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/12 mm	302410 25/12
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Pull stud sealed suitable for steep tapers 40	308660 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Pull stud sealed suitable for steep tapers 40	308635 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/12 mm	302412 32/12
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 25/12 mm	302412 25/12
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
Pull stud Form A suitable for steep tapers 40	308600 40
Cooling adapter short 4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Cooling unit Type CU1	354215 CU1
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/12 mm	302410 32/12
Pull stud Form B suitable for steep tapers 40	308640 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40

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

302417 25/12

Wrench for pull studs ISO 7388 suitable for ISO taper size
40

308830 40

Shrink fit chuck extension 3°, vibration-damped $\varnothing d / \varnothing$
D1 20/12 mm

302415 20/12

Special pull stud with internal thread suitable for steep
tapers 40

308740 40

Pull stud Hurco 90° with fit sealed suitable for steep tapers
40

308806 40