

## Garant

**Shrink-fit chucks slim, with cooling channel bore, SK 40 A = 120, Clamping range  $\varnothing$  D1: 10 mm**



### Order data

Order number	302326 10
GTIN	4045197721211
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).
- With cooling channel bores.

#### 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

Cooling channel bore: not lockable

External  $\varnothing$  D: 33.9 mm

$\varnothing$  D<sub>2</sub>: 18 mm

### Technical description

Clamping $\varnothing$ D <sub>1</sub>	10 mm
$\varnothing$ D <sub>2</sub>	18 mm
External $\varnothing$ D	33.9 mm

Cooling channel bore	not lockable
Adapter	SK 40 A = 120
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

Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
Pull stud Form B suitable for steep tapers 40	308640 40
Cooling adapter long 4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes Ø d / Ø D1 32/10 mm	302414 32/10
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/10 mm	302416 32/10
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/10 mm	302412 32/10
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 25/10 mm	302417 25/10
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40

Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 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	308700 40
Shrink-fit chuck extension 4.5° without length adjustment screw $\varnothing d / \varnothing D1$ 25/10 mm	302416 25/10
Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes $\varnothing d / \varnothing D1$ 25/10 mm	302414 25/10
Pull stud sealed suitable for steep tapers 40	308660 40
Shrink-fit chuck extension 4.5° without length adjustment screw $\varnothing d / \varnothing D1$ 25/10 mm	302410 25/10
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud sealed suitable for steep tapers 40	308635 40
Pull stud Form A suitable for steep tapers 40	308600 40
Screening plate for coil SU1 for clamping $\varnothing$ 6-12 mm	354240 6-12
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Basic tool mounting for SK for SK taper shank 40 SK	354225 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 $\varnothing d / \varnothing D1$ 25/10 mm	302412 25/10
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
Shrink-fit unit Type SU1	354210 SU1
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40

Cooling adapter short 4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/10 mm	302410 32/10
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/10 mm	302415 20/10
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Cooling unit Type CU1	354215 CU1
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40