

**Garant**
**Shrink-fit chuck slim, SK 40 A = 160, Clamping range  $\varnothing$  D1: 10mm**

**Order data**

Order number	302333 10
GTIN	4045197504784
Item class	31A

**Description**
**Version:**

- All shanks hard turned (for smooth running!).
- With RFID / 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.

**Technical description**

$\varnothing$ D <sub>2</sub>	18 mm
Clamping $\varnothing$ D <sub>1</sub>	10 mm
Overhang dimension A	160 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

Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Shrink-fit chuck extension 4.5°without length adjustment screw, with through coolant holes Ø d / Ø D1 32/10 mm	302414 32/10
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 25/10 mm	302412 25/10
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/10 mm	302415 20/10
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull stud Hurco 45° with fitsealed suitable for steep tapers 40	308802 40
Pull studsealed, form B suitable for steep tapers 40	308620 40
Pull studForm B suitable for steep tapers 40	308640 40
Pull studForm A suitable for steep tapers 40	308600 40
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 32/10 mm	302412 32/10

Cooling unit Type CU1	354215 CU1
Pull stud 90°sealed suitable for steep tapers 40	308795 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/10 mm	302410 32/10
Basic tool mountingfor SK for SK taper shank 40	354225 40
Pull studsealed suitable for steep tapers 40	308635 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/10 mm	302416 25/10
Pull stud 45°sealed suitable for steep tapers 40	308765 40
Pull studsealed suitable for steep tapers 40	308660 40
Pull studsealed, form B suitable for steep tapers 40	308650 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud 60°sealed suitable for steep tapers 40	308785 40
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Screening plate for coilSU1 for clamping Ø 6-12 mm	354240 6-12
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Shrink-fit unit Type SU1	354210 SU1
Cooling adapter long4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40
Cooling adapter short4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Wrench for pull studsISO 7388 suitable for ISO taper size 40	308830 40
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Pull studsealed, form A suitable for steep tapers 40	308610 40
Special pull stud with no internal threadsealed suitable for steep tapers 40	308700 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/10 mm	302410 25/10