

**Garant**
**Shrink-fit chuck with cooling channel bores, SK 40 A = 120, Clamping range  $\varnothing$  D1: 18mm**

**Order data**

Order number	302257 18
GTIN	4045197467768
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 RFID / Balluffchip bore.**

With **coolant hole bores** tapped for plugging.

Coolant hole bores at clamping  $\varnothing$  D1: 3, 4 and 5 mm cannot be plugged.

**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, balancing screws set No. 309906 size 180.

**Technical description**

Overhang dimension A	120 mm
Clamping $\varnothing$ D <sub>1</sub>	18 mm
$\varnothing$ D <sub>2</sub>	33 mm
External $\varnothing$ D	40.9 mm

Cooling channel bore	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

Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
Special pull stud with no internal threadsealed suitable for steep tapers 40	308700 40
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
Pull studsealed, form A suitable for steep tapers 40	308610 40
Screening plate for coilSU1 for clamping Ø 12-20 mm	354240 12-20
Pull studsealed, form B suitable for steep tapers 40	308620 40
Wrench for pull studsISO 7388 suitable for ISO taper size 40	308830 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/18 mm	302410 32/18
Shrink-fit unit Type SU1	354210 SU1
Pull studsealed suitable for steep tapers 40	308635 40
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Pull studForm B suitable for steep tapers 40	308640 40
Pull stud 60°sealed suitable for steep tapers 40	308785 40
	308802 40

Pull stud Hurco 45° with fitsealed suitable for steep tapers 40	
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40
Cooling adapter short4.5° for clamping Ø 16,1-22 mm	354235 16,1-22
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Pull stud 90°sealed suitable for steep tapers 40	308795 40
Cooling adapter long4.5° for clamping Ø 16,1-22 mm	354236 16,1-22
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 32/18 mm	302412 32/18
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 45°sealed suitable for steep tapers 40	308765 40
Pull studsealed suitable for steep tapers 40	308660 40
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Pull studForm A suitable for steep tapers 40	308600 40
Cooling unit Type CU1	354215 CU1
Pull studsealed, form B suitable for steep tapers 40	308650 40
Basic tool mountingfor SK for SK taper shank 40	354225 40