

Garant
Shrink-fit chuck with cooling channel bores, SK 40 A = 120, Clamping range Ø D1: 20 mm

Order data

Order number	302257 20
GTIN	4045197467775
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.**

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

Coolant hole bores at clamping Ø 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.

Machining strategy: HPC

Cooling channel bore: lockable

External Ø D: 41.2 mm

Ø D₂: 33 mm

Technical description

Ø D ₂	33 mm
Clamping Ø D ₁	20 mm

External Ø D	41.2 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

Cooling adapter long 4.5° for clamping Ø 16,1-22 mm	354236 16,1-22
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
Cooling unit Type CU1	354215 CU1
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 Form B suitable for steep tapers 40	308640 40
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Pull stud sealed suitable for steep tapers 40	308660 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
	308810 40

Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40

Special pull stud with no internal thread sealed suitable for steep tapers 40

308720 40

Basic tool mounting for SK for SK taper shank 40 SK

354225 40

Cooling adapter short 4.5° for clamping Ø 16,1-22 mm

354235 16,1-22

Pull stud sealed, form B suitable for steep tapers 40

308620 40

Shrink-fit unit Type SU1

354210 SU1

Special pull stud with internal thread suitable for steep tapers 40

308740 40

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

308802 40

Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40

308630 40

Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/20 mm

302416 32/20

Pull stud Form A suitable for steep tapers 40

308600 40

Pull stud 45° sealed suitable for steep tapers 40

308760 40

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

308605 40

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 32/20 mm

302412 32/20

Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40

308625 40

Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/20 mm

302410 32/20

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

308830 40

Screening plate for coil SU1 for clamping Ø 20-32 mm

354240 20-32

Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40

308615 40

Pull stud sealed suitable for steep tapers 40

308635 40

308820 40

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872)
suitable for ISO taper size 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