

Garant
Shrink-fit chuck with cooling channel bores, SK 40 A = 120, Clamping range \varnothing D1: 12mm

Order data

Order number	302257 12
GTIN	4045197467737
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

Clamping \varnothing D ₁	12 mm
Overhang dimension A	120 mm
\varnothing D ₂	24 mm
External \varnothing D	31.4 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 studsealed, form B suitable for steep tapers 40	308650 40
Pull studsealed, form A suitable for steep tapers 40	308610 40
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/12 mm	302412 32/12
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Pull studsealed suitable for steep tapers 40	308660 40
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Cooling adapter short4.5° for clamping Ø 9,1-12 mm	354235 9,1-12
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Screening plate for coilSU1 for clamping Ø 12-20 mm	354240 12-20
Pull studForm B suitable for steep tapers 40	308640 40

Pull studsealed suitable for steep tapers 40	308635 40
Basic tool mountingfor SK for SK taper shank 40	354225 40
Special pull stud with no internal threadsealed suitable for steep tapers 40	308700 40
Pull studForm A suitable for steep tapers 40	308600 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Pull stud 60°sealed suitable for steep tapers 40	308785 40
Pull studsealed, form B suitable for steep tapers 40	308620 40
Screening plate for coilSU1 for clamping Ø 6-12 mm	354240 6-12
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm	302410 32/12
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm	302416 32/12
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 25/12 mm	302412 25/12
Pull stud 45°sealed suitable for steep tapers 40	308765 40
Pull stud 90°sealed suitable for steep tapers 40	308795 40
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/12 mm	302415 20/12
Cooling unit Type CU1	354215 CU1
Cooling adapter long4.5° for clamping Ø 9,1-12 mm	354236 9,1-12
Pull stud Hurco 45° with fitsealed suitable for steep tapers 40	308802 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/12 mm	302416 25/12
Shrink-fit unit Type SU1	354210 SU1
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40

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

308830 40

Shrink-fit chuck extension 4.5° without length adjustment
screw $\varnothing d / \varnothing D1$ 25/12 mm

302410 25/12