

Garant
Shrink-fit chuck with cooling channel bores, SK 40 short, Clamping range Ø D1: 14mm

Order data

Order number	302252 14
GTIN	4045197287861
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 **cooling channel bores** and tapped for plugging.

Cooling channel 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.

Technical description

Ø D ₂	27 mm
Overhang dimension A	80 mm
Clamping Ø D ₁	14 mm
External Ø D	34 mm

Cooling channel bore	lockable
Adapter	SK 40 short
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 suitable for steep tapers 40	308635 40
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/12 mm	302415 20/12
Screening plate for coilsU1 for clamping Ø 12-20 mm	354240 12-20
Shrink-fit unit Type SU1	354210 SU1
Pull stud 60°sealed suitable for steep tapers 40	308785 40
Pull studsealed suitable for steep tapers 40	308660 40
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
Pull studsealed, form B suitable for steep tapers 40	308650 40
Pull studsealed, form B suitable for steep tapers 40	308620 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm	302410 32/12
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 25/14 mm	302417 25/14
	302416 32/12

Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/12 mm	
Pull studMori-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 25/14 mm	302416 25/14
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 25/12 mm	302412 25/12
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 32/14 mm	302412 32/14
Wrench for pull studsISO 7388 suitable for ISO taper size 40	308830 40
Shrink-fit chuck extension 4.5°without length adjustment screw, with through coolant holes Ø d / Ø D1 32/14 mm	302414 32/14
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Cooling adapter short4.5° for clamping Ø 12,1-16 mm	354235 12,1-16
Pull stud 45°sealed suitable for steep tapers 40	308765 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/14 mm	302416 32/14
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Pull stud 90°sealed suitable for steep tapers 40	308795 40
Cooling unit Type CU1	354215 CU1
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 32/12 mm	302412 32/12
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/14 mm	302410 32/14
Pull studsealed, form A suitable for steep tapers 40	308610 40
Pull studForm B suitable for steep tapers 40	308640 40
Basic tool mountingfor SK for SK taper shank 40	354225 40
	308820 40

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872)
suitable for ISO taper size 40

Cooling adapter long 4.5° for clamping Ø 12,1-16 mm	354236 12,1-16
---	----------------

Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
--	-----------

Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
--	-----------

Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/12 mm	302410 25/12
--	--------------

Pull stud Form A suitable for steep tapers 40	308600 40
---	-----------

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 Ø d / Ø D1 25/12 mm	302416 25/12
--	--------------

Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/14 mm	302410 25/14
--	--------------

Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 25/14 mm	302412 25/14
---	--------------