

Garant

**Hydraulic chuck short, version HT with cooling channel bores, SK 40,
Clamping range \varnothing D1: 12mm**



Order data

Order number	302031 12
GTIN	4045197644763
Item class	31H

Description

Version:

- Very high total rigidity due to optimised design.
- With RFID/Balluffchip bore.
- Axial length adjustment (adjustment 10 mm) available.
- Flexible due to use of reducing sleeves.

Application:

- For drilling, reaming and for light and heavy-duty machining when milling.
- Maximum transmissible torque 550 Nm, version HT (High Torque).
- Ideal damping characteristics, resulting in optimum surface finishes, increased tool life and spindle protection.

Optional extras:

Pull studs (PS) No. 308600 – 308806, PS wrenches No. 308820 – 308835, Reducing adapters No. 302135 – 302187.

Note:

V = Maximum adjustment range!

Caution in the case of extra-long tools and TPC machining.

Technical description

Overhang dimension A	50 mm
Reach L ₁	31 mm

suitable reducing adapter	302140; 302135
Clamping $\varnothing D_1$	12 mm
External $\varnothing D$	42 mm
Adapter	SK 40
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Cooling channel bore	yes
Type of product	Hydraulic clamping chuck

Accessories

Pull stud 45°sealed suitable for steep tapers 40	308765 40
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Slotted reducing adapterwith cooling Clamping range $\varnothing D_1$ 5 mm	302135 5
Pull stud 90°sealed suitable for steep tapers 40	308795 40
Pull studsealed suitable for steep tapers 40	308660 40
Slotted reducing adaptersealed Clamping range $\varnothing D_1$ 3 mm	302140 3
Slotted reducing adaptersealed Clamping range $\varnothing D_1$ 4 mm	302140 4
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Pull studsealed, form B suitable for steep tapers 40	308620 40
Special pull stud with no internal threadsealed suitable for steep tapers 40	308700 40

Pull studsealed, form A suitable for steep tapers 40	308610 40
Pull stud 60°sealed suitable for steep tapers 40	308785 40
Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm	302135 6
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40
Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm	302135 3
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Slotted reducing adaptersealed Clamping range Ø D1 5 mm	302140 5
Pull studForm B suitable for steep tapers 40	308640 40
Slotted reducing adaptersealed Clamping range Ø D1 8 mm	302140 8
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
Pull studsealed, form B suitable for steep tapers 40	308650 40
Pull studsealed suitable for steep tapers 40	308635 40
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Slotted reducing adapterwith cooling Clamping range Ø D1 4 mm	302135 4
Slotted reducing adaptersealed Clamping range Ø D1 6 mm	302140 6
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull studForm A suitable for steep tapers 40	308600 40
	302135 8

Slotted reducing adapter with cooling Clamping range Ø
D1 8 mm

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

308830 40

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

308802 40