

Garant
Hydraulic chuck short, version HT, SK 40, Clamping range \varnothing D1: 20mm

Order data

Order number	302028 20
GTIN	4045197513076
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

Reach L_1	45.5 mm
suitable reducing adapter	302160; 302165; 302150; 302155
Overhang dimension A	64.5 mm

Clamping $\varnothing D_1$	20 mm
External $\varnothing D$	49 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
Type of product	Hydraulic clamping chuck

Accessories

Slotted reducing adaptersealed Clamping range $\varnothing D1$ 12 mm	302160 12
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 16 mm	302160 16
Pull studForm A suitable for steep tapers 40	308600 40
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Pull stud Hurco 45° with fitsealed suitable for steep tapers 40	308802 40
Pull studsealed suitable for steep tapers 40	308660 40
Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 10 mm	302155 10
Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 16 mm	302155 16
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 3 mm	302160 3
Wrench for pull studsISO 7388 suitable for ISO taper size 40	308830 40
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 6 mm	302160 6

Slotted reducing adaptersealed Clamping range Ø D1 10 mm	302160 10
Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm	302155 6
Slotted reducing adapterwith cooling Clamping range Ø D1 8 mm	302155 8
Slotted reducing adapterwith cooling Clamping range Ø D1 12 mm	302155 12
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40	308615 40
Slotted reducing adapterwith cooling Clamping range Ø D1 14 mm	302155 14
Pull stud 45°sealed suitable for steep tapers 40	308765 40
Pull stud 90°sealed suitable for steep tapers 40	308795 40
Slotted reducing adaptersealed Clamping range Ø D1 8 mm	302160 8
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
Pull studsealed, form A suitable for steep tapers 40	308610 40
Slotted reducing adaptersealed Clamping range Ø D1 4 mm	302160 4
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Pull studMori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull studsealed, form B suitable for steep tapers 40	308650 40
Pull studForm B suitable for steep tapers 40	308640 40
Slotted reducing adaptersealed Clamping range Ø D1 5 mm	302160 5
	302155 4

Slotted reducing adapterwith cooling Clamping range Ø D1 4 mm	
Slotted reducing adaptersealed Clamping range Ø D1 14 mm	302160 14
Slotted reducing adapterwith cooling Clamping range Ø D1 5 mm	302155 5
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
Pull stud 60°sealed suitable for steep tapers 40	308785 40
Pull stud, 18CrNiMo7Form A suitable for steep tapers 40	308605 40
Special pull stud with no internal threadsealed suitable for steep tapers 40	308700 40
Pull studsealed suitable for steep tapers 40	308635 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull studsealed, form B suitable for steep tapers 40	308620 40
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm	302155 3