

Garant
Hydraulic chuck HD chuck short, version HT, SK 50, Clamping range \varnothing D1: 20mm

Order data

Order number	302029 20
GTIN	4045197543684
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

suitable reducing adapter	302160; 302165; 302150; 302155
Clamping \varnothing D ₁	20 mm

Reach L ₁	45.5 mm
Overhang dimension A	64.5 mm
External Ø D	49 mm
Adapter	SK 50
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	Hydraulic clamping chuck

Accessories

Slotted reducing adaptersealed Clamping range Ø D1 14 mm	302160 14
Pull stud 45°sealed suitable for steep tapers 50	308765 50
Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm	302155 6
Pull studsealed suitable for steep tapers 50	308660 50
Slotted reducing adapterwith cooling Clamping range Ø D1 5 mm	302155 5
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 50
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Slotted reducing adaptersealed Clamping range Ø D1 8 mm	302160 8
Slotted reducing adaptersealed Clamping range Ø D1 10 mm	302160 10
	302155 10

Slotted reducing adapterwith cooling Clamping range Ø D1 10 mm	
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Slotted reducing adaptersealed Clamping range Ø D1 16 mm	302160 16
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Pull stud 45°sealed suitable for steep tapers 50	308760 50
Slotted reducing adaptersealed Clamping range Ø D1 3 mm	302160 3
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Slotted reducing adaptersealed Clamping range Ø D1 12 mm	302160 12
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Pull stud 60°sealed suitable for steep tapers 50	308785 50
Pull studForm B suitable for steep tapers 50	308640 50
Slotted reducing adapterwith cooling Clamping range Ø D1 4 mm	302155 4
Slotted reducing adaptersealed Clamping range Ø D1 5 mm	302160 5
Pull studForm A suitable for steep tapers 50	308600 50
Slotted reducing adapterwith cooling Clamping range Ø D1 8 mm	302155 8
Pull studsealed, form B suitable for steep tapers 50	308650 50
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Slotted reducing adapterwith cooling Clamping range Ø D1 16 mm	302155 16
Pull studsealed, form A suitable for steep tapers 50	308610 50
Slotted reducing adapterwith cooling Clamping range Ø D1 12 mm	302155 12
Pull studsealed, form B suitable for steep tapers 50	308620 50

Slotted reducing adaptersealed Clamping range Ø D1 6 mm

302160 6

Slotted reducing adaptersealed Clamping range Ø D1 4 mm

302160 4

Slotted reducing adapterwith cooling Clamping range Ø D1 14 mm

302155 14

Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm

302155 3