

Garant

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



Order data

Order number	302029 20
GTIN	4045197543684
Item class	31H

Description

Version:

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

Application:

- **For drilling, reaming, and milling.**
- **For heavy-duty milling.**
- **Very high transmitted torques 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 pull stud wrenches No. 308820 – 308835, Sleeves No. 302135 – 302180.

Note:

V = Maximum adjustment range!

Overhang dimension A: 64.5 mm

External \varnothing D: 49 mm

Reach L_1 : 45.5 mm

suitable reducing adapter: 302160; 302155

Technical description

suitable reducing adapter	302160; 302155
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Clamping $\varnothing D_1$	20 mm
Reach L_1	45.5 mm
Overhang dimension A	64.5 mm
External $\varnothing D$	49 mm
Adapter	SK 50
Arbor standard	ISO 7388-1
Arbor standard	DIN 69871
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

Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Slotted reducing adapter Clamping range $\varnothing D1$ 5 mm	302160 5
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Pull stud 45° sealed suitable for steep tapers 50	308765 50
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 50 SK	308820 50
Slotted reducing adapter Clamping range $\varnothing D1$ 6 mm	302155 6
Slotted reducing adapter Clamping range $\varnothing D1$ 5 mm	302155 5
Wrench for pull studs ISO 7388 suitable for steep tapers 50 SK	308830 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Pull stud Form B suitable for steep tapers 50	308640 50
Slotted reducing adapter Clamping range $\varnothing D1$ 4 mm	302160 4

Slotted reducing adapter Clamping range Ø D1 16 mm	302160 16
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Torque insert for Pull studs to SO 7388 suitable for steep tapers 50 SK	308812 50
Slotted reducing adapter Clamping range Ø D1 10 mm	302160 10
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Pull stud Form A suitable for steep tapers 50	308600 50
Slotted reducing adapter Clamping range Ø D1 14 mm	302160 14
Slotted reducing adapter Clamping range Ø D1 3 mm	302160 3
Slotted reducing adapter Clamping range Ø D1 14 mm	302155 14
Slotted reducing adapter Clamping range Ø D1 3 mm	302155 3
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 50 SK	308810 50
Slotted reducing adapter Clamping range Ø D1 8 mm	302160 8
Slotted reducing adapter Clamping range Ø D1 4 mm	302155 4
Slotted reducing adapter Clamping range Ø D1 16 mm	302155 16
Slotted reducing adapter Clamping range Ø D1 6 mm	302160 6
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
Slotted reducing adapter Clamping range Ø D1 12 mm	302155 12
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
Pull stud sealed suitable for steep tapers 50	308660 50
Slotted reducing adapter Clamping range Ø D1 12 mm	302160 12
Pull stud sealed, form B suitable for steep tapers 50	308620 50
Slotted reducing adapter Clamping range Ø D1 8 mm	302155 8
Slotted reducing adapter Clamping range Ø D1 10 mm	302155 10
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50

Pull stud 60° sealed suitable for steep tapers 50

308785 50