

Garant

**Hydraulic clamping chuck HD chuck short, version HT, SK 50, Clamping range
Ø D1: 32 mm**



Order data

Order number	302029 32
GTIN	4045197586957
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 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 pull stud wrenches No. 308820 – 308835, Sleeves No. 302135 – 302180.

Note:

V = Maximum adjustment range!

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

Machining strategy: HPC

Overhang dimension A: 81 mm

External Ø D: 72 mm

Reach L₁: 62 mm

suitable reducing adapter: 302180; 302175

Technical description

Clamping $\varnothing D_1$	32 mm
suitable reducing adapter	302180; 302175
Reach L_1	62 mm
Overhang dimension A	81 mm
External $\varnothing D$	72 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	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Type of product	Hydraulic clamping chuck

Accessories

Pull stud 45° sealed suitable for steep tapers 50	308765 50
Slotted reducing adapter Clamping range $\varnothing D1$ 18 mm	302175 18
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Pull stud Form A suitable for steep tapers 50	308600 50
Pull stud sealed suitable for steep tapers 50	308660 50
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Slotted reducing adapter Clamping range $\varnothing D1$ 14 mm	302175 14
Slotted reducing adapter Clamping range $\varnothing D1$ 25 mm	302175 25

Slotted reducing adapter Clamping range Ø D1 10 mm	302180 10
Slotted reducing adapter Clamping range Ø D1 10 mm	302175 10
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
Slotted reducing adapter Clamping range Ø D1 20 mm	302180 20
Slotted reducing adapter Clamping range Ø D1 20 mm	302175 20
Slotted reducing adapter Clamping range Ø D1 25 mm	302180 25
Slotted reducing adapter Clamping range Ø D1 12 mm	302180 12
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Slotted reducing adapter Clamping range Ø D1 8 mm	302175 8
Slotted reducing adapter Clamping range Ø D1 16 mm	302175 16
Pull stud Form B suitable for steep tapers 50	308640 50
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Slotted reducing adapter Clamping range Ø D1 14 mm	302180 14
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Slotted reducing adapter Clamping range Ø D1 18 mm	302180 18
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
Slotted reducing adapter Clamping range Ø D1 6 mm	302180 6
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
Pull stud sealed, form B suitable for steep tapers 50	308620 50
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Slotted reducing adapter Clamping range Ø D1 8 mm	302180 8
Slotted reducing adapter Clamping range Ø D1 16 mm	302180 16
Slotted reducing adapter Clamping range Ø D1 12 mm	302175 12
Slotted reducing adapter Clamping range Ø D1 6 mm	302175 6

Torque insert for Pull studs to DIN 69872 suitable for ISO
taper size 50

308810 50