



Hydraulic clamping chuck HD chuck short, version HT, SK 50, Clamping range Ø D1: 20 mm



Order data

Order number	302037 20
GTIN	4062406240035
Item class	32A

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: 64.5 mm

External Ø D: 49.5 mm

Reach L₁: 45.5 mm

suitable reducing adapter: 302160; 302165; 302150; 302155

Technical description

Clamping $\varnothing D_1$	20 mm
External $\varnothing D$	49.5 mm
Reach L_1	45.5 mm
suitable reducing adapter	302160; 302165; 302150; 302155
Overhang dimension A	64.5 mm
Adapter	SK 50
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 20,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Type of product	Hydraulic clamping chuck

Accessories

Pull stud 90° sealed suitable for steep tapers 50	308795 50
Pull stud sealed suitable for steep tapers 50	308660 50
Slotted reducing adapter Clamping range $\varnothing D1$ 4 mm	302155 4
Slotted reducing adapter Clamping range $\varnothing D1$ 6 mm	302160 6
Slotted reducing adapter Clamping range $\varnothing D1$ 6 mm	302155 6
Slotted reducing adapter Clamping range $\varnothing D1$ 3 mm	302155 3
Slotted reducing adapter Clamping range $\varnothing D1$ 10 mm	302155 10
Slotted reducing adapter Clamping range $\varnothing D1$ 14 mm	302160 14
Slotted reducing adapter Clamping range $\varnothing D1$ 4 mm	302160 4
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Slotted reducing adapter Clamping range $\varnothing D1$ 14 mm	302155 14
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50

Slotted reducing adapter Clamping range Ø D1 16 mm	302155 16
Slotted reducing adapter Clamping range Ø D1 5 mm	302155 5
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Slotted reducing adapter Clamping range Ø D1 10 mm	302160 10
Pull stud Form A suitable for steep tapers 50	308600 50
Slotted reducing adapter Clamping range Ø D1 12 mm	302160 12
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
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
Slotted reducing adapter Clamping range Ø D1 8 mm	302160 8
Slotted reducing adapter Clamping range Ø D1 3 mm	302160 3
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 45° sealed suitable for steep tapers 50	308765 50
Slotted reducing adapter Clamping range Ø D1 5 mm	302160 5
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
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Slotted reducing adapter Clamping range Ø D1 16 mm	302160 16

Slotted reducing adapter Clamping range \varnothing D1 8 mm

302155 8