



## HD chuck short, version HT, SK 40, Clamping range Ø D1: 20 mm



### Order data

Order number	302027 20
GTIN	4062406240028
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 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 Ø D: 49.5 mm

Reach L<sub>1</sub>: 45.5 mm

suitable reducing adapter: 302160; 302155

### Technical description

Clamping $\varnothing D_1$	20 mm
Reach $L_1$	45.5 mm
Overhang dimension A	64.5 mm
External $\varnothing D$	49.5 mm
suitable reducing adapter	302160; 302155
Adapter	SK 40
Arbor standard	DIN 69871
Arbor standard	DIN 69871
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 20,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HPC
Machining strategy	HSC
Type of product	Hydraulic clamping chuck

## Accessories

Pull stud sealed, form B suitable for steep tapers 40	308620 40
Slotted reducing adapter Clamping range $\varnothing D1$ 16 mm	302160 16
Torque insert for Pull studs to SO 7388 suitable for steep tapers 40 SK	308812 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Pull stud Form B suitable for steep tapers 40	308640 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40

Pull stud 45° sealed suitable for steep tapers 40	308760 40
Slotted reducing adapter Clamping range Ø D1 14 mm	302155 14
Slotted reducing adapter Clamping range Ø D1 3 mm	302160 3
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Slotted reducing adapter Clamping range Ø D1 12 mm	302155 12
Slotted reducing adapter Clamping range Ø D1 3 mm	302155 3
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Slotted reducing adapter Clamping range Ø D1 10 mm	302160 10
Slotted reducing adapter Clamping range Ø D1 8 mm	302155 8
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40
Slotted reducing adapter Clamping range Ø D1 6 mm	302160 6
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK	308820 40
Slotted reducing adapter Clamping range Ø D1 4 mm	302155 4
Slotted reducing adapter Clamping range Ø D1 4 mm	302160 4
Pull stud sealed suitable for steep tapers 40	308660 40
Slotted reducing adapter Clamping range Ø D1 5 mm	302160 5
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Slotted reducing adapter Clamping range Ø D1 14 mm	302160 14
Slotted reducing adapter Clamping range Ø D1 12 mm	302160 12
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Slotted reducing adapter Clamping range Ø D1 10 mm	302155 10
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 40 SK	308810 40
Slotted reducing adapter Clamping range Ø D1 6 mm	302155 6
Slotted reducing adapter Clamping range Ø D1 5 mm	302155 5

Pull stud Form A suitable for steep tapers 40	308600 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
Pull stud sealed suitable for steep tapers 40	308635 40
Slotted reducing adapter Clamping range Ø D1 8 mm	302160 8
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Slotted reducing adapter Clamping range Ø D1 16 mm	302155 16
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M