

**Garant**
**HT chuck with cooling channel bores, BT 40 short, Clamping range Ø D1: 16 mm**

**Order data**

Order number	303451 16
GTIN	4045197644800
Item class	31H

**Description**
**Version:**

- **Very high overall stiffness due to optimised design.**
- **Axial length adjustment, adjustment travel 10 mm.**

**Advantage:**

- **Maximum transmissible torque 550 Nm, version HT (High Torque), for high process reliability.**
- **Ideal damping characteristics, resulting in optimum surface finishes, increased tool life and spindle protection.**
- **Temperature resistance up to 120 °C.**

**Application:**

**Especially for heavy-duty milling.**

**Supplied with:**

Hexagon cross-bar wrench.

**Optional extras:**

Pull studs (PS) No. 308760 – 308806.

Overhang dimension A: 72.5 mm

External Ø D: 46 mm

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

**Technical description**

Overhang dimension A	72.5 mm
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Clamping $\varnothing D_1$	16 mm
Reach $L_1$	45.5 mm
External $\varnothing D$	46 mm
Adapter	BT 40 short
Arbor standard	ISO 7388-2
Arbor standard	JIS B6339
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HPC
Machining strategy	HSC
Cooling channel bore	yes
Type of product	Hydraulic clamping chuck

## Accessories

Pull stud 60° sealed suitable for steep tapers 40	308785 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40
Torque insert for Pull studs to SO 7388 suitable for steep tapers 40 SK	308812 40
	308820 40

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872)  
suitable for steep tapers 40 SK

Torque insert for Pull studs to DIN 69872 suitable for steep  
tapers 40 SK

308810 40

Hurco 60° pull stud with bore and fit sealed suitable for  
steep tapers 40

308803 40

Pull stud Hurco 45° with bore and fit sealed suitable for  
steep tapers 40

308801 40

Pull stud Hurco 90° with bore and fit sealed suitable for  
steep tapers 40

308805 40

Pull-stud 60° sealed suitable for steep tapers 40

308780 40

Pull stud Hurco 60° with fit sealed suitable for steep tapers  
40

308804 40