

**Garant**

**HT chuck with cooling channel bores, BT 40 short, Clamping range  $\varnothing$  D1: 12mm**


**Order data**

Order number	303451 12
GTIN	4045197644794
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 – 308802.

**Note:**

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

**Technical description**

Overhang dimension A	58 mm
Reach L <sub>1</sub>	31 mm

Clamping $\varnothing D_1$	12 mm
suitable reducing adapter	302140; 302135
External $\varnothing D$	42 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

Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40	308801 40
Pull stud Hurco 45° with fitsealed suitable for steep tapers 40	308802 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40

