

**Garant**
**Slim hydraulic chuck, BT 40 A = 160, Clamping  $\varnothing$  D1: 12 mm**

**Order data**

Order number	303467 12
GTIN	4045197868916
Item class	31A

**Description**
**Version:**

- **Extremely slim design (3° contour).**
- **Ideal damping characteristics.**
- **Axial length adjustment facility.**
- **Shanks hard turned.**

**Application:**

- **Especially for tool and mould making.**
- **Wherever reduced interference contours are required.**
- **For drilling, reaming and milling.**
- **For clamping tools with shank tolerance h6.**

**Supplied with:**

Hexagon socket drive with T-handle.

**Optional extras:**

Pull studs (PS) No. 308760 – 308806, Slotted reducing sleeves No. 302135 – 302180.

$\varnothing$  D<sub>2</sub>: 22 mm

$\varnothing$  D<sub>3</sub>: 37.9 mm

External  $\varnothing$  D: 49.5 mm

L<sub>2</sub>: 114 mm

**Technical description**

Clamping $\varnothing$ D <sub>1</sub>	12 mm
$\varnothing$ D <sub>3</sub>	37.9 mm
L <sub>2</sub>	114 mm

External Ø D	49.5 mm
Ø D <sub>2</sub>	22 mm
Adapter	BT 40 A = 160
Arbor standard	JIS B6339
Arbor standard	ISO 7388-2
Shape	AD
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Hydraulic clamping chuck

## Accessories

Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Slotted reducing adapter Clamping range Ø D1 3 mm	302135 3
Pull stud 45° sealed suitable for steep tapers 40	308765 40
Slotted reducing adapter Clamping range Ø D1 3 mm	302140 3
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Slotted reducing adapter Clamping range Ø D1 5 mm	302135 5
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Hurco 60° pull stud with bore and fit sealed suitable for steep tapers 40	308803 40
Pull stud Hurco 60° with fit sealed suitable for steep tapers 40	308804 40
Pull stud Hurco 90° with bore and fit sealed suitable for steep tapers 40	308805 40
Slotted reducing adapter Clamping range Ø D1 6 mm	302135 6

Slotted reducing adapter Clamping range Ø D1 5 mm	302140 5
Slotted reducing adapter Clamping range Ø D1 6 mm	302140 6
Pull-stud 60° sealed suitable for steep tapers 40	308780 40
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40
Slotted reducing adapter Clamping range Ø D1 4 mm	302135 4
Slotted reducing adapter Clamping range Ø D1 8 mm	302135 8
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK	308820 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Slotted reducing adapter Clamping range Ø D1 8 mm	302140 8
Slotted reducing adapter Clamping range Ø D1 4 mm	302140 4
Torque insert for Pull studs to ISO 7388 suitable for steep tapers 40 SK	308812 40
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 40 SK	308810 40
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40