

**Garant**
**Shrink-fit chuck 3°, BT 40 A = 90, Clamping range Ø D1: 3 mm**

**Order data**

Order number	303443 3
GTIN	4062406110635
Item class	31A

**Description**
**Version:**

- All shanks hard turned.
- Extra slim design (3° contour).

**Application:**

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

**Optional extras:**

Pull studs (PS) No. 308760 – 308806, shrink-fit chuck extensions No. 302410, sizes 12/3 and 12/4, shrink-fit units No. 354210 – 304450, PS wrenches No. 308820 – 308835.

**Note:**

No length adjustment available!

External Ø D: 14 mm

Ø D<sub>2</sub>: 9 mm

**Technical description**

Clamping Ø D <sub>1</sub>	3 mm
External Ø D	14 mm
Ø D <sub>2</sub>	9 mm
Adapter	BT 40 A = 90
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	≤ 3 μm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

## Accessories

Torque insert for Pull studs to DIN 69872 suitable for steep tapers 40 SK	308810 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Torque insert for Pull studs to SO 7388 suitable for steep tapers 40 SK	308812 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
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40
Pull-stud 60° sealed suitable for steep tapers 40	308780 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK	308820 40
Hurco 60° pull stud with bore and fit sealed suitable for steep tapers 40	308803 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40

Pull stud Hurco 90° with fit sealed 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	308765 40