

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

**Order data**

Order number	302095 12
GTIN	4045197868657
Item class	31A

**Description**
**Version:**

- **Extremely slim design (3° contour)**
- **Processed surface structure.**
- **With RFID/Balluffchip bore.**
- **Axial length adjustment possible.**
- **Shanks hard turned.**
- **Reducing adapters can be used.**

**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 (AB) No. 308600 – 308806, AB pull stud wrenches No. 308820 / 308835, Reducing sleeves No. 302135 – 302187.

**Technical description**

$\varnothing$ D <sub>3</sub>	38.7 mm
Overhang dimension A	160 mm
L <sub>2</sub>	122 mm
Clamping $\varnothing$ D <sub>1</sub>	12 mm
$\varnothing$ D <sub>2</sub>	22 mm

External Ø D	49.5 mm
Adapter	SK 40 A = 160
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Balluffchip bore	yes
Type of product	Hydraulic clamping chuck

## Accessories

Pull studsealed, form B suitable for steep tapers 40	308650 40
Pull studsealed, form B suitable for steep tapers 40	308620 40
Pull stud 60°sealed suitable for steep tapers 40	308785 40
Pull stud 45°sealed suitable for steep tapers 40	308760 40
Pull stud Hurco 90° with fitsealed suitable for steep tapers 40	308806 40
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Pull studForm A suitable for steep tapers 40	308600 40
Pull stud 90°sealed suitable for steep tapers 40	308790 40
Pull studsealed suitable for steep tapers 40	308635 40
ER chuck key1/2 inch socket for ER collet chuck 40	309700 40
Pull studMazak, form A suitable for steep tapers 40M	308670 40M
ER chuck key for ER collet chuck 40	309680 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
	308630 40

Pull studMori-Seiki, sealed, form A suitable for steep tapers 40

Pull stud 90°sealed suitable for steep tapers 40

308795 40

Pull stud, 18CrNiMo7Form A suitable for steep tapers 40

308605 40

Wrench for pull studsISO 7388 suitable for ISO taper size 40

308830 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 studForm B suitable for steep tapers 40

308640 40

Special pull stud with no internal threadsealed suitable for steep tapers 40

308700 40

Hurco 45° pull stud with 4-mm bore and fitsealed suitable for steep tapers 40

308801 40

Pull studsealed suitable for steep tapers 40

308660 40

Pull studsealed, form A suitable for steep tapers 40

308610 40

Pull studMori-Seiki, sealed, form A suitable for steep tapers 40

308625 40

Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 40

308615 40