

## Garant

### Hydraulic clamping chuck short, slim, Form ADB, SK 40, Clamping range Ø D1: 20 mm



#### Order data

Order number	302038 20
GTIN	4045197602459
Item class	31A

#### Description

##### Version:

- Radial run-out  $\leq 3 \mu\text{m}$ .
- With Balluffchip bore.
- Axial length adjustment (adjustment 10 mm) available.
- Flexible due to the use of reducing sleeves.
- Coolant pressure up to 80 bar.

##### Application:

For drilling, reaming and finish milling.

##### Supplied with:

Hexagon socket drive with T-handle.

##### Optional extras:

Pull studs (PS) No. 308600 – 308806, PS wrenches No. 308810 – 308830, size 12; 20; 32; Sleeve reducer No. 302135 – 302180.

Back stop screws for direct clamping / use of reducing sleeves on request.

Machining strategy: HSC

Overhang dimension A: 80.5 mm

Ø D<sub>2</sub>: 42 mm

External Ø D: 49.5 mm

Reach L<sub>1</sub>: 61.5 mm

L<sub>2</sub>: 47 mm

Adjustment travel V: 10 mm

#### Technical description

suitable reducing adapter	302160; 302165; 302155; 302150
Thread M	M16×1
Reach L <sub>1</sub>	61.5 mm
L <sub>2</sub>	47 mm
Clamping Ø D <sub>1</sub>	20 mm
Ø D <sub>2</sub>	42 mm
Weight	1.3 kg
Overhang dimension A	80.5 mm
External Ø D	49.5 mm
Adjustment travel V	10 mm
Adapter	SK 40
Arbor standard	ISO 7388-1
Shape	ADB
Through-coolant	yes, with max. 80 bar
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Type of product	Hydraulic clamping chuck

## Accessories

Pull stud sealed suitable for steep tapers 40	308635 40
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
Slotted reducing adapter Clamping range Ø D1 4 mm	302160 4
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
Pull stud Form A suitable for steep tapers 40	308600 40

Slotted reducing adapter Clamping range Ø D1 8 mm	302160 8
Slotted reducing adapter Clamping range Ø D1 14 mm	302155 14
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Slotted reducing adapter Clamping range Ø D1 5 mm	302160 5
Slotted reducing adapter Clamping range Ø D1 14 mm	302160 14
Slotted reducing adapter Clamping range Ø D1 5 mm	302155 5
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Slotted reducing adapter Clamping range Ø D1 16 mm	302160 16
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Slotted reducing adapter Clamping range Ø D1 8 mm	302155 8
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Slotted reducing adapter Clamping range Ø D1 4 mm	302155 4
Pull stud Form B suitable for steep tapers 40	308640 40
Slotted reducing adapter Clamping range Ø D1 6 mm	302155 6
Slotted reducing adapter Clamping range Ø D1 3 mm	302160 3
Slotted reducing adapter Clamping range Ø D1 10 mm	302155 10
Slotted reducing adapter Clamping range Ø D1 6 mm	302160 6
Pull stud sealed suitable for steep tapers 40	308660 40
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40

Slotted reducing adapter Clamping range Ø D1 3 mm	302155 3
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Slotted reducing adapter Clamping range Ø D1 12 mm	302160 12
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Slotted reducing adapter Clamping range Ø D1 16 mm	302155 16
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Slotted reducing adapter Clamping range Ø D1 10 mm	302160 10
Pull stud 45° sealed suitable for steep tapers 40	308765 40
Slotted reducing adapter Clamping range Ø D1 12 mm	302155 12