

Garant

HD chuck short, version HT with cooling channel bores, SK 40, Clamping range \varnothing D1: 12 mm



Order data

Order number	302031 12
GTIN	4045197644763
Item class	31H

Description

Version:

- **Very high total rigidity due to optimised design.**
- **With Balluffchip bore.**
- **Axial length adjustment available (travel 10 mm).**
- **Flexible due to the use of reducing sleeves.**

Application:

- **For drilling, reaming, and milling.**
- **For heavy-duty milling.**
- **Very high transmitted torques 550 Nm, version HT (High Torque).**
- **Ideal damping characteristics, resulting in optimum surface finishes, increased tool life and spindle protection.**

Optional extras:

Pull studs (PS) No. 308600 – 308806. PS pull stud wrenches No. 308820 – 308835, Sleeves No. 302135 – 302180.

Note:

V = Maximum adjustment range!

Overhang dimension A: 50 mm

External \varnothing D: 42 mm

Reach L_1 : 31 mm

suitable reducing adapter: 302140; 302135

Technical description

Overhang dimension A	50 mm
Reach L ₁	31 mm
suitable reducing adapter	302140; 302135
Clamping Ø D ₁	12 mm
External Ø D	42 mm
Adapter	SK 40
Arbor standard	ISO 7388-1
Arbor standard	DIN 69871
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Cooling channel bore	yes
Type of product	Hydraulic clamping chuck

Accessories

Pull stud sealed, form B suitable for steep tapers 40	308650 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Torque insert for Pull studs to DIN 69872 suitable for steep tapers 40 SK	308810 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Wrench for pull studs ISO 7388 suitable for steep tapers 40 SK	308830 40

Slotted reducing adapter Clamping range Ø D1 8 mm	302135 8
Slotted reducing adapter Clamping range Ø D1 8 mm	302140 8
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
Pull stud Form B suitable for steep tapers 40	308640 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Torque insert for Pull studs to SO 7388 suitable for steep tapers 40 SK	308812 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 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	302140 3
Slotted reducing adapter Clamping range Ø D1 5 mm	302140 5
Slotted reducing adapter Clamping range Ø D1 4 mm	302135 4
Pull stud sealed suitable for steep tapers 40	308635 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull stud Form A suitable for steep tapers 40	308600 40
Slotted reducing adapter Clamping range Ø D1 4 mm	302140 4
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
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Slotted reducing adapter Clamping range Ø D1 3 mm	302135 3
Slotted reducing adapter Clamping range Ø D1 6 mm	302135 6
Pull stud 60° sealed suitable for steep tapers 40	308785 40

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for steep tapers 40 SK	308820 40
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Slotted reducing adapter Clamping range Ø D1 6 mm	302140 6
Pull stud sealed suitable for steep tapers 40	308660 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40