



## HPH chuck, SK 40, Clamping range $\varnothing$ D1: 20 mm



### Order data

Order number	302190 20
GTIN	2050001671264
Item class	33W

### Description

#### Version:

Very high total rigidity due to optimised design. With Balluffchip bore. Suitable for minimum quantity lubrication.

Hydraulic clamping chuck, version **HPH** (High Performance Holder).

#### Advantage:

- **Very high transmitted torque, providing high process reliability.**
- **Ideal damping characteristics, resulting in optimum surface finishes, increased tool life and spindle protection.**

#### Application:

- **Especially for heavy-duty milling.**
- **For clamping tools with shank tolerance h6.**

#### Supplied with:

Hexagon cross-bar wrench.

#### Optional extras:

Pull studs (PS) No. 308600 – 308806.

PS wrenches No. 308820 – 308835. Reducing sleeves No. 302135 – 302180.

Overhang dimension A: 95 mm

External  $\varnothing$  D: 50 mm

L<sub>1</sub>: 76 mm

### Technical description

Clamping $\varnothing$ D <sub>1</sub>	20 mm
Overhang dimension A	95 mm

L <sub>1</sub>	76 mm
External Ø D	50 mm
Adapter	SK 40
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
Type of product	Hydraulic clamping chuck

## Accessories

Slotted reducing adapter Clamping range Ø D1 8 mm	302160 8
Slotted reducing adapter Clamping range Ø D1 8 mm	302155 8
Slotted reducing adapter Clamping range Ø D1 14 mm	302155 14
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
Slotted reducing adapter Clamping range Ø D1 5 mm	302155 5
Slotted reducing adapter Clamping range Ø D1 4 mm	302155 4
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Slotted reducing adapter Clamping range Ø D1 12 mm	302155 12
Pull stud sealed, form B suitable for steep tapers 40	308650 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
	308820 40

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872)  
suitable for ISO taper size 40

Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Pull stud Form B suitable for steep tapers 40	308640 40
Slotted reducing adapter Clamping range Ø D1 6 mm	302160 6
Slotted reducing adapter Clamping range Ø D1 12 mm	302160 12
Slotted reducing adapter Clamping range Ø D1 14 mm	302160 14
Slotted reducing adapter Clamping range Ø D1 5 mm	302160 5
Pull stud sealed suitable for steep tapers 40	308660 40
Pull stud 90° sealed suitable for steep tapers 40	308790 40
Slotted reducing adapter Clamping range Ø D1 16 mm	302155 16
Slotted reducing adapter Clamping range Ø D1 16 mm	302160 16
Slotted reducing adapter Clamping range Ø D1 4 mm	302160 4
Pull stud 45° sealed suitable for steep tapers 40	308760 40
Pull stud sealed suitable for steep tapers 40	308635 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
Slotted reducing adapter Clamping range Ø D1 10 mm	302155 10
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
Pull stud 45° sealed suitable for steep tapers 40	308765 40
Slotted reducing adapter Clamping range Ø D1 3 mm	302155 3
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
Pull stud Form A suitable for steep tapers 40	308600 40
Slotted reducing adapter Clamping range Ø D1 10 mm	302160 10
Slotted reducing adapter Clamping range Ø D1 6 mm	302155 6

Slotted reducing adapter Clamping range Ø D1 3 mm	302160 3
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
Pull stud 90° sealed suitable for steep tapers 40	308795 40
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
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40