



## Hydraulic chuck HPH, HSK-A 63, Clamping range $\varnothing$ D1: 12mm



### Order data

Order number	307610 12
GTIN	2050001671134
Item class	33W

### Description

#### Version:

- **Very high total rigidity due to optimised design.**
- **With Balluffchip bore.**
- **Axial adjustment available.**
- **Flexible due to use of reducing sleeves.**

#### 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:

Coolant feed pipe No. 309880, Plug-in socket No. 309890, Reducing sleeves No. 302135 - 302180, for size 12; 20, and 32.

Overhang dimension A: 90 mm

$\varnothing$  D<sub>3</sub>: 38 mm

$\varnothing$  D<sub>2</sub>: 32 mm

External  $\varnothing$  D: 52.5 mm

L<sub>1</sub>: 64 mm

L<sub>2</sub>: 37 mm

## Technical description

Clamping $\varnothing D_1$	12 mm
$L_2$	37 mm
$\varnothing D_3$	38 mm
Overhang dimension A	90 mm
transmissible torque $M_D$	200 N·m
$\varnothing D_2$	32 mm
Weight	1.3 kg
$L_1$	64 mm
Adjustment travel V	10 mm
Thread M	M10×1
External $\varnothing D$	52.5 mm
Adapter	HSK-A 63
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Shape	A
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HPC
Machining strategy	HSC
Type of product	Hydraulic clamping chuck

## Accessories

Slotted reducing adapter with cooling Clamping range $\varnothing D1$ 8 mm	302135 8
Slotted reducing adapter sealed Clamping range $\varnothing D1$ 8 mm	302140 8
	302140 5

Slotted reducing adapter sealed Clamping range Ø D1 5 mm

Slotted reducing adapter with cooling Clamping range Ø D1 3 mm

302135 3

Slotted reducing adapter with cooling Clamping range Ø D1 5 mm

302135 5

Slotted reducing adapter with cooling Clamping range Ø D1 6 mm

302135 6

Slotted reducing adapter sealed Clamping range Ø D1 3 mm

302140 3

Slotted reducing adapter with cooling Clamping range Ø D1 4 mm

302135 4

Slotted reducing adapter sealed Clamping range Ø D1 6 mm

302140 6

Slotted reducing adapter sealed Clamping range Ø D1 4 mm

302140 4