



Hydraulic chuck HPH, HSK-A 63, Clamping range \varnothing D1: 20mm



Order data

Order number	307610 20
GTIN	2050001671158
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: 100 mm

\varnothing D₃: 48 mm

\varnothing D₂: 42 mm

External \varnothing D: 52.5 mm

L₁: 74 mm

L₂: 45 mm

Technical description

L ₁	74 mm
Ø D ₃	48 mm
transmissible torque M _b	500 N·m
Overhang dimension A	100 mm
Ø D ₂	42 mm
L ₂	45 mm
Weight	1.5 kg
Clamping Ø D ₁	20 mm
Adjustment travel V	10 mm
Thread M	M16×1
External Ø 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	≤ 3 µm
Machining strategy	HPC
Machining strategy	HSC
Type of product	Hydraulic clamping chuck

Accessories

Slotted reducing adapter sealed Clamping range Ø D1 6 mm	302160 6
Slotted reducing adapter sealed Clamping range Ø D1 14 mm	302160 14
	302155 14

Slotted reducing adapter with cooling Clamping range Ø D1 14 mm	
Slotted reducing adapter sealed Clamping range Ø D1 3 mm	302160 3
Slotted reducing adapter sealed Clamping range Ø D1 12 mm	302160 12
Slotted reducing adapter sealed Clamping range Ø D1 4 mm	302160 4
Slotted reducing adapter with cooling Clamping range Ø D1 16 mm	302155 16
Slotted reducing adapter with cooling Clamping range Ø D1 3 mm	302155 3
Slotted reducing adapter with cooling Clamping range Ø D1 6 mm	302155 6
Slotted reducing adapter sealed Clamping range Ø D1 5 mm	302160 5
Slotted reducing adapter with cooling Clamping range Ø D1 4 mm	302155 4
Slotted reducing adapter with cooling Clamping range Ø D1 12 mm	302155 12
Slotted reducing adapter with cooling Clamping range Ø D1 10 mm	302155 10
Slotted reducing adapter sealed Clamping range Ø D1 8 mm	302160 8
Slotted reducing adapter with cooling Clamping range Ø D1 5 mm	302155 5
Slotted reducing adapter sealed Clamping range Ø D1 10 mm	302160 10
Slotted reducing adapter sealed Clamping range Ø D1 16 mm	302160 16
Slotted reducing adapter with cooling Clamping range Ø D1 8 mm	302155 8