

**Garant**
**Hydraulic chuck short, slim, HSK-A 63, Clamping range  $\varnothing$  D1: 20mm**

**Order data**

Order number	307512 20
GTIN	4045197506405
Item class	31A

**Description**
**Version:**

- Axial length adjustment, adjustment travel 10 mm.
- With RFID/Balluffchip bore.

**Application:**

- High metal removal rate (but not for extreme heavy machining).
- For drilling, reaming, and milling.

**Optional extras:**

Reducing sleeves No. 302135 – 302187, coolant tube No. 309880, socket wrench No. 309890, parallel wipers No. 343720.

**Note:**

A-dimension = 200 mm available on request!

**Technical description**

suitable reducing adapter	302155; 302160; 302165; 302150
$\varnothing$ D <sub>2</sub>	42 mm
Thread M	M16×1
Clamping $\varnothing$ D <sub>1</sub>	20 mm
L <sub>3</sub>	48 mm
Overhang dimension A	90 mm

External Ø D	50 mm
Adjustment travel V	10 mm
Adapter	HSK-A 63
Arbor standard	DIN 69893
Arbor standard	ISO 12164-1
Arbor standard	DIN 69882-7
Shape	A
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
Balluffchip bore	yes
Type of product	Hydraulic clamping chuck

## Accessories

Slotted reducing adaptersealed Clamping range Ø D1 3 mm	302160 3
Slotted reducing adaptersealed Clamping range Ø D1 12 mm	302160 12
Slotted reducing adapterwith cooling Clamping range Ø D1 4 mm	302155 4
Slotted reducing adapterwith cooling Clamping range Ø D1 8 mm	302155 8
Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm	302155 3
Slotted reducing adaptersealed Clamping range Ø D1 5 mm	302160 5
Cylindrical cleanerPlastic Pin Ø 20 mm	343720 20
Slotted reducing adaptersealed Clamping range Ø D1 6 mm	302160 6

Slotted reducing adapterwith cooling Clamping range Ø D1 14 mm	302155 14
Slotted reducing adapterwith cooling Clamping range Ø D1 12 mm	302155 12
Slotted reducing adaptersealed Clamping range Ø D1 10 mm	302160 10
Slotted reducing adaptersealed Clamping range Ø D1 8 mm	302160 8
Slotted reducing adapterwith cooling Clamping range Ø D1 5 mm	302155 5
Slotted reducing adaptersealed Clamping range Ø D1 16 mm	302160 16
Slotted reducing adapterwith cooling Clamping range Ø D1 10 mm	302155 10
Slotted reducing adapterwith cooling Clamping range Ø D1 16 mm	302155 16
Slotted reducing adaptersealed Clamping range Ø D1 4 mm	302160 4
Slotted reducing adaptersealed Clamping range Ø D1 14 mm	302160 14
Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm	302155 6