

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

**Order data**

Order number	307550 20
GTIN	4045197513083
Item class	31H

**Description**
**Version:**

- **Very high total rigidity due to optimised design.**
- **With RFID/Balluffchip bore.**
- **Axial length adjustment, adjustment travel 10 mm.**
- **Flexible due to use of reducing sleeves.**

**Advantage:**

- **Very high transmitted torque (550 Nm), 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 tube No. 309880, socket wrench No. 309890, reducing adapters No. 302135 – 302187.

**Note:**

Caution in the case of extra-long tools and TPC machining.

**Technical description**

suitable reducing adapter	302150; 302155; 302160; 302165
Clamping $\varnothing$ D <sub>1</sub>	20 mm

Reach L <sub>1</sub>	54 mm
Overhang dimension A	80 mm
External Ø D	52.5 mm
Adjustment travel V	10 mm
Adapter	HSK-A 63 short
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 adaptersealed Clamping range Ø D1 6 mm	302160 6
Slotted reducing adaptersealed Clamping range Ø D1 14 mm	302160 14
Slotted reducing adapterwith cooling Clamping range Ø D1 4 mm	302155 4
Slotted reducing adaptersealed Clamping range Ø D1 10 mm	302160 10
Slotted reducing adapterwith cooling Clamping range Ø D1 8 mm	302155 8
Slotted reducing adapterwith cooling Clamping range Ø D1 5 mm	302155 5
Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm	302155 6
	302155 12

Slotted reducing adapterwith cooling Clamping range Ø  
D1 12 mm

Slotted reducing adapterwith cooling Clamping range Ø  
D1 14 mm

302155 14

Slotted reducing adapterwith cooling Clamping range Ø  
D1 16 mm

302155 16

Slotted reducing adaptersealed Clamping range Ø D1 16  
mm

302160 16

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 10 mm

302155 10

Slotted reducing adaptersealed Clamping range Ø D1 5  
mm

302160 5

Slotted reducing adaptersealed Clamping range Ø D1 8  
mm

302160 8

Slotted reducing adapterwith cooling Clamping range Ø  
D1 3 mm

302155 3

Slotted reducing adaptersealed Clamping range Ø D1 4  
mm

302160 4