

Garant

Hydraulic chuck HT with cooling channel bores, HSK-A 63 short, Clamping range \varnothing D1: 20mm



Order data

Order number	307553 20
GTIN	4045197644848
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

Reach L ₁	54 mm
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Overhang dimension A	80 mm
suitable reducing adapter	302150; 302155; 302160; 302165
Clamping $\varnothing D_1$	20 mm
External $\varnothing D$	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	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Machining strategy	HPC
Type of product	Hydraulic clamping chuck

Accessories

Slotted reducing adaptersealed Clamping range $\varnothing D1$ 16 mm	302160 16
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 14 mm	302160 14
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 4 mm	302160 4
Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 12 mm	302155 12
Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 8 mm	302155 8
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 3 mm	302160 3
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 5 mm	302160 5

Slotted reducing adapterwith cooling Clamping range Ø D1 14 mm	302155 14
Slotted reducing adaptersealed Clamping range Ø D1 12 mm	302160 12
Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm	302155 6
Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm	302155 3
Slotted reducing adapterwith cooling Clamping range Ø D1 5 mm	302155 5
Slotted reducing adaptersealed Clamping range Ø D1 8 mm	302160 8
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 16 mm	302155 16
Slotted reducing adapterwith cooling Clamping range Ø D1 10 mm	302155 10
Slotted reducing adaptersealed Clamping range Ø D1 6 mm	302160 6