

Garant

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


Order data

Order number	307553 20
GTIN	4045197644848
Item class	31H

Description
Version:

- **Very high total rigidity due to optimised design.**
- **With Balluffchip bore.**
- **Axial length adjustment available, adjustment travel 10 mm.**
- **Flexible due to the 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 pipe No. 30 9880, Coolant pipe wrench No. 30 9890

Note:

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

Overhang dimension A: 80 mm

External \varnothing D: 52.5 mm

Reach L_1 : 54 mm

suitable reducing adapter: 302150; 302155; 302160; 302165

Technical description

Reach L_1	54 mm
Overhang dimension A	80 mm
suitable reducing adapter	302150; 302155; 302160; 302165
Clamping $\varnothing D_1$	20 mm
External $\varnothing D$	52.5 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 adapter Clamping range $\varnothing D1$ 6 mm	302155 6
Slotted reducing adapter Clamping range $\varnothing D1$ 8 mm	302155 8
Slotted reducing adapter Clamping range $\varnothing D1$ 14 mm	302160 14
Slotted reducing adapter Clamping range $\varnothing D1$ 3 mm	302160 3
Slotted reducing adapter Clamping range $\varnothing D1$ 5 mm	302155 5
Slotted reducing adapter Clamping range $\varnothing D1$ 8 mm	302160 8
Slotted reducing adapter Clamping range $\varnothing D1$ 5 mm	302160 5
Slotted reducing adapter Clamping range $\varnothing D1$ 12 mm	302160 12
Slotted reducing adapter Clamping range $\varnothing D1$ 10 mm	302155 10
Slotted reducing adapter Clamping range $\varnothing D1$ 6 mm	302160 6

Slotted reducing adapter Clamping range Ø D1 14 mm	302155 14
Slotted reducing adapter Clamping range Ø D1 16 mm	302160 16
Slotted reducing adapter Clamping range Ø D1 4 mm	302160 4
Slotted reducing adapter Clamping range Ø D1 12 mm	302155 12
Slotted reducing adapter Clamping range Ø D1 3 mm	302155 3
Slotted reducing adapter Clamping range Ø D1 16 mm	302155 16
Slotted reducing adapter Clamping range Ø D1 4 mm	302155 4
Slotted reducing adapter Clamping range Ø D1 10 mm	302160 10