

**Garant**

**Hydraulic clamping chuck HT with cooling channel bores, HSK-A 63 short,  
Clamping range  $\varnothing$  D1: 12 mm**


**Order data**

Order number	307553 12
GTIN	4045197644824
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: 302140; 302135

## Technical description

Overhang dimension A	80 mm
Clamping $\varnothing D_1$	12 mm
Reach $L_1$	54 mm
suitable reducing adapter	302140; 302135
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	302135 6
Slotted reducing adapter Clamping range $\varnothing D1$ 5 mm	302135 5
Slotted reducing adapter Clamping range $\varnothing D1$ 8 mm	302140 8
Slotted reducing adapter Clamping range $\varnothing D1$ 8 mm	302135 8
Slotted reducing adapter Clamping range $\varnothing D1$ 3 mm	302135 3
Slotted reducing adapter Clamping range $\varnothing D1$ 3 mm	302140 3
Slotted reducing adapter Clamping range $\varnothing D1$ 6 mm	302140 6
Slotted reducing adapter Clamping range $\varnothing D1$ 5 mm	302140 5
Slotted reducing adapter Clamping range $\varnothing D1$ 4 mm	302140 4
Slotted reducing adapter Clamping range $\varnothing D1$ 4 mm	302135 4