

**Garant**
**Hydraulic chuck performance Master Chuck, HSK-A 63 short, Clamping ØD1: 16mm**

**Order data**

Order number	307630 16
GTIN	4067263265634
Item class	31A

**Description**
**Version:**

- Particularly suitable for highly dynamic milling applications.
- Optimised outer contour due to FEM (finite element method) – robustness due to maximum rigidity, higher tool lives, higher metal removal rate, suitable for all machining strategies.
- With RFID/Balluffchip bore.
- Axial length adjustment, adjustment travel 10mm.
- Reducing adapters can be used.
- Temperature resistant up to 170°C for 4 hours.
- Up to 10× more clamping operations possible compared to a standard hydraulic chuck.
- Very low tightening torque of the clamping screw – easy handling.
- Patented new hydraulic clamping system – reliable, durable premium radial run-out.

**Application:**

Universally designed for roughing and finishing operations. For clamping tools with shank tolerance h6.

**Supplied with:**

Hexagon socket drive with T-handle.

**Optional extras:**

Coolant tube No. 309880, socket wrench No. 309890; reducing adapters No. 302140; 302135 302145 302147 each size 12 and No. 302150; 302155; 302160; 302165 each size 20.

**Technical description**

Clamping $\varnothing D_1$	16 mm
Overhang dimension A	79 mm
External $\varnothing D$	52.5 mm
$\varnothing D_2$	38 mm
Adjustment travel V	10 mm
Adapter	HSK-A 63 short
Arbor standard	ISO 12164-1
Arbor standard	DIN 69893
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
Balluffchip bore	yes
Cooling channel bore	no
Type of product	Hydraulic chuck