Garant

Hydraulic chuck performance Master Chuck, HSK-A 100 short, Clamping ØD1: 12mm



Order data

Order number	307635 12
GTIN	4067263265689
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

\varnothing D232 mmExternal \varnothing D52.5 mmOverhang dimension A83 mmClamping \varnothing D112 mmAdapterHSK-A 100 shortArbor standardISO 12164-1Arbor standardDIN 69893ShapeABalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity \le 3 μ mMachining strategyHSCMachining strategyHPCRalluffship horeYes	Adjustment travel V	10 mm
Overhang dimension A83 mmClamping Ø D₁12 mmAdapterHSK-A 100 shortArbor standardISO 12164-1Arbor standardDIN 69893ShapeABalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity≤ 3 μmMachining strategyHSCMachining strategyHPC	\varnothing D ₂	32 mm
Clamping \varnothing D112 mmAdapterHSK-A 100 shortArbor standardISO 12164-1Arbor standardDIN 69893ShapeABalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity \leq 3 μ mMachining strategyHSCMachining strategyHPC	External Ø D	52.5 mm
AdapterHSK-A 100 shortArbor standardISO 12164-1Arbor standardDIN 69893ShapeABalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity≤ 3 μmMachining strategyHSCMachining strategyHPC	Overhang dimension A	83 mm
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 $\leq 3 \mu m$ Machining strategy HSC Machining strategy HPC	Clamping Ø D₁	12 mm
Arbor standard DIN 69893 Shape A Balance quality G at rotational speed G 2.5 at 25,000 rpm Concentricity $\leq 3 \mu m$ Machining strategy HSC Machining strategy HPC	Adapter	HSK-A 100 short
ShapeABalance quality G at rotational speedG 2.5 at 25,000 rpmConcentricity≤ 3 μmMachining strategyHSCMachining strategyHPC	Arbor standard	ISO 12164-1
Balance quality G at rotational speed Concentricity ≤ 3 μm Machining strategy HSC Machining strategy HPC	Arbor standard	DIN 69893
Concentricity ≤ 3 μm Machining strategy HSC Machining strategy HPC	Shape	Α
Machining strategy HSC Machining strategy HPC	Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Machining strategy HPC	Concentricity	≤ 3 µm
3 3/	Machining strategy	HSC
Ralluffchin hore	Machining strategy	HPC
bandine bore yes	Balluffchip bore	yes
Cooling channel bore no	Cooling channel bore	no
Type of product Hydraulic chuck	Type of product	Hydraulic chuck