

**Garant****Revolving high-performance lathe centre with carbide insert and draw-off nut, Morse taper (MK): 3****Order data**

Order number	321245 3
GTIN	4062406572464
Item class	31Z

**Description****Version:**

- **Punch axis with carbide insert for applications with a high abrasive influence on the centring.**
- **Point angle 60°.**
- **Draw-off nut flattened at the side.**
- **High-precision bearing for high concentricity.**
- **Maintenance-free due to lifetime lubrication.**
- **Special seal prevents ingress of dirt and coolant.**

**Description:**

Lathe centres are mainly used on lathes to support long and slim workpieces, since with these workpieces there would otherwise be a risk of the workpiece bending or moving around as a result of the forces generated.

The lathe centre is secured with a Morse taper. The workpiece is clamped in the chuck and a counterbore is added using a centre drill. After re-clamping, the lathe centre is then inserted.

**Application:**

For machining thin workpieces at high speeds and in high quantities with automatic loading in series production.

**Premium version.** High concentricity due to **high-end bearing**. Designed specially for high speeds and high axial forces. Also suitable for grinding processes.

**Technical description**

Carbide Ø H	11 mm
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maximum speed	12000 min <sup>-1</sup>
Reach B	94 mm
for workpiece weight	300 kg
Centre point length C	30 mm
Morse taper	MT3
Body Ø D	52 mm
maximum radial run-out	0.003 mm
Axial force	4.2 kN
Point angle	60 degrees
Carbide insert	yes
Version	tracking
Push-off screw	yes
Type of product	Centring drill