

Garant

Revolving high-performance lathe centre with carbide insert and draw-off nut, Morse taper (MK): 4



Order data

Order number	321245 4
GTIN	4062406572471
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

Body Ø D	60 mm
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maximum radial run-out	0.003 mm
for workpiece weight	600 kg
Carbide Ø H	14 mm
Reach B	106 mm
Centre point length C	35 mm
Morse taper	MT4
maximum speed	10000 min ⁻¹
Axial force	6 kN
Point angle	60 degrees
Carbide insert	yes
Version	tracking
Push-off screw	yes
Type of product	Centring drill