

## Garant

### Revolving lathe centre shock absorbing, Morse taper: 5



#### Order data

Order number	321405 5
GTIN	4045197720962
Item class	31Z

#### Description

##### Version:

- **Point angle 60°.**
- **Sprung live centre to compensate pressure and length, shock-absorbing.**
- **Live centre of through hardened tool steel precision ground to match the bearing.**
- **Precision roller bearing, lubricated for life.**
- **Shaft seal prevents ingress of dirt and coolant.**
- **Extremely rigid version with additional shaft bearing.**
- **Entire tool is hardened and ground.**

Precision version.

##### 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 damping impacts.**
- **For compensating thermal expansion.**
- **Suitable for use with face drivers.**

Body Ø D: 92 mm

Reach B: 146 mm

largest centre point Ø A: 40 mm

maximum radial run-out: 0.005 mm

maximum speed: 3500 min<sup>-1</sup>

for workpiece weight: 1000 kg

## Technical description

largest centre point $\varnothing$ A	40 mm
maximum speed	3500 min <sup>-1</sup>
Morse taper	MK5
Body $\varnothing$ D	92 mm
for workpiece weight	1000 kg
Reach B	146 mm
maximum radial run-out	0.005 mm
Type of product	Centring drill