

**Garant**
**Revolving lathe centre shock absorbing, Morse taper: 4**

**Order data**

Order number	321405 4
GTIN	4045197720955
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: 68 mm

Reach B: 111 mm

largest centre point Ø A: 35 mm

maximum radial run-out: 0.005 mm

maximum speed: 4000 min<sup>-1</sup>

for workpiece weight: 600 kg

## Technical description

Reach B	111 mm
largest centre point $\varnothing$ A	35 mm
for workpiece weight	600 kg
Body $\varnothing$ D	68 mm
maximum radial run-out	0.005 mm
maximum speed	4000 min <sup>-1</sup>
Morse taper	MT4
Type of product	Centring drill