

Garant**Revolving lathe centre with digital pressure indicator and extended point,
Morse taper: 3****Order data**

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| Order number | 321720 3 |
| GTIN | 4062406127305 |
| Item class | 31Z |

Description**Version:**

- **The momentary clamping pressure is directly readable on the analogue or digital display on the base body.**
- **The live centre is supported by a disc spring pack with a spring travel of approx. 3.7 mm analogue and 2.6 mm or 2.8 mm digital.**
- **Short sturdy design with active longitudinal axis. Live centre through hardened and finish ground.**
- **Maximum accuracy due to precision roller bearings.**
- **With push-off thread and push-off nut.**
- **With special seal against dirt and coolant ingress, maintenance-free due to lifetime lubrication.**

With extended centre, point angle 60°/40°.

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.

Function:

IP55: Protected against jets of water from all directions and protected against penetration of dust into the inside (protected against dust), also completely protected against touching.

Application:

Whenever **the clamping force should be kept within certain limits**, either to prevent deformation of the component or to ensure secure clamping with sufficient pressure.

- **As a tailstock centre in conjunction with hydro-mechanical face drivers No. 327451 – 327541 because the drive teeth have to dig into the component.**
- **For components that expand significantly due to high machining heat.**
- **For clamping long slender components to prevent lateral displacement.**
- **For clamping heavy components where a controlled clamping force is required.**

Technical description

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| Body Ø | 70 mm |
| for workpiece weight | 300 kg |
| maximum radial run-out | 0.005 mm |
| largest centre point Ø 60° A | 35 mm |
| largest centre point Ø 40° A | 12 mm |
| Centre point length C | 46 mm |
| Morse taper | MT3 |
| Reach B | 150 mm |
| maximum axial clamping force | 1080 daN |
| IP Index of Protection | IP 55 |
| Power supply | energy-harvesting |
| Type of product | Centring drill |