



## Revolving lathe centre with pressure indicator, Morse taper: 5



### Order data

Order number	321750 5
GTIN	4019208017150
Item class	35R

### Description

#### Version:

- **The adjusting pressure (clamping force) is directly readable on the manometer sight glass in daN.**
- **The live centre, which is supported by a disc-spring pack, has a long spring travel.**
- **Short sturdy design with active longitudinal axis. Live centre through hardened and finish ground.**
- **Maximum accuracy due to precision roller bearings.**
- **With special seal against dirt and coolant ingress, maintenance-free due to lifetime lubrication.**

Point angle 60°.

#### 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:

Whenever **the clamping force has to 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.**

Body Ø D: 95 mm

Reach B: 160.5 mm

largest centre point  $\varnothing$  60° A: 15 mm  
largest centre point  $\varnothing$  30° A: 40 mm  
maximum radial run-out: 0.01 mm  
for workpiece weight: 1600 kg

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## Technical description

largest centre point $\varnothing$ 60° A	15 mm
maximum axial clamping force	1500 daN
Body $\varnothing$ D	95 mm
largest centre point $\varnothing$ 30° A	40 mm
Morse taper	MK5
for workpiece weight	1600 kg
maximum radial run-out	0.01 mm
Reach B	160.5 mm
Type of product	Centring drill