

Garant
Revolving centering taper, truncated cone, very large Ø / Morse taper: 100/3

Order data

Order number	323000 100/3
GTIN	4045197774743
Item class	31Z

Description
Version:

- **Centering taper with truncated cone.**
- **Particularly sturdy design with oversize bearings.**
- **The bearings have a special lubricant and require no maintenance.**
- **The centering taper and tapered arbor are made of high quality material, through hardened and finish ground.**

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 **hollow parts, tubes** etc. Particularly suitable for heavy machining where at the same time high accuracy is required.

Technical description

smallest Ø	30 mm
maximum speed	3000 min ⁻¹
maximum radial run-out	0.005 mm
Morse taper	3

for workpiece weight at D	500 kg
for workpiece weight at D1	250 kg
Taper angle α	75 degrees
Head length L	100 mm
Type of product	Centring drill