

Garant**Revolving centering taper, truncated cone, very large Ø / Morse taper: 80/3****Order data**

Order number	323000 80/3
GTIN	4045197774736
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

maximum speed	3500 min ⁻¹
smallest Ø	30 mm
maximum radial run-out	0.005 mm
Morse taper	3

for workpiece weight at D	450 kg
for workpiece weight at D1	250 kg
Taper angle α	60 degrees
Head length L	86 mm
Type of product	Centring drill