

Garant**Revolving lathe centre for interchangeable heads, Morse taper: 3****Order data**

Order number	321265 3
GTIN	4045197774446
Item class	31Z

Description**Version:**

- **With extended centre and draw-off nut, specially for CNC machines.**
- **Complete tool hardened and ground.**
- **Special roller bearings for high loads and speeds.**
- **Live centre through hardened, can be reground many times.**
- **Maintenance-free due to lifetime lubrication.**
- **Special seal prevents ingress of dirt and coolant.**

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 high loads and speeds, specially for NC machines.

Flexible application thanks to exchangeable inserts. For general use on turrets and counter-spindles on CNC machines.

Optional extras:

Exchangeable inserts No. 320627 - 320631

Note:

Changing the inserts in the key surfaces by counter-rotation.

Draw-off nut for NC machines to remove tip from tailstock sleeve.

Technical description

suitable for colour code	K12
maximum speed	12000 min ⁻¹
for workpiece weight	400 kg
External Ø D ₁	12 mm
Shank Ø D ₂	25 mm
L ₂	10 mm
maximum radial run-out	0.005 mm
Length 1	56 mm
Morse taper	MT3
Type of product	Centring drill

Accessories

Insert for the revolving lathe centre Type 1	320625 1
Insert for the revolving lathe centre Type 5	320625 5
Insert for the revolving lathe centre Type 2	320625 2
Insert for the revolving lathe centre Type 4	320625 4
Insert for the revolving lathe centre Type 6	320625 6
Insert for the revolving lathe centre Type 3	320625 3