

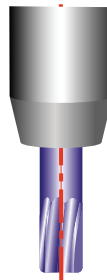
# Can your workpieces be produced using 3 or 4 axes? Simultaneous machining or with positioning?

If one or more limit values exceeded, please contact the factory



## Workpiece weight

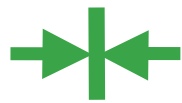
- max. 800 kg without support
- max. 1,600 kg with support



Ø / L

## Dimensions

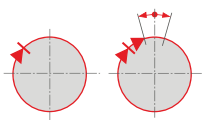
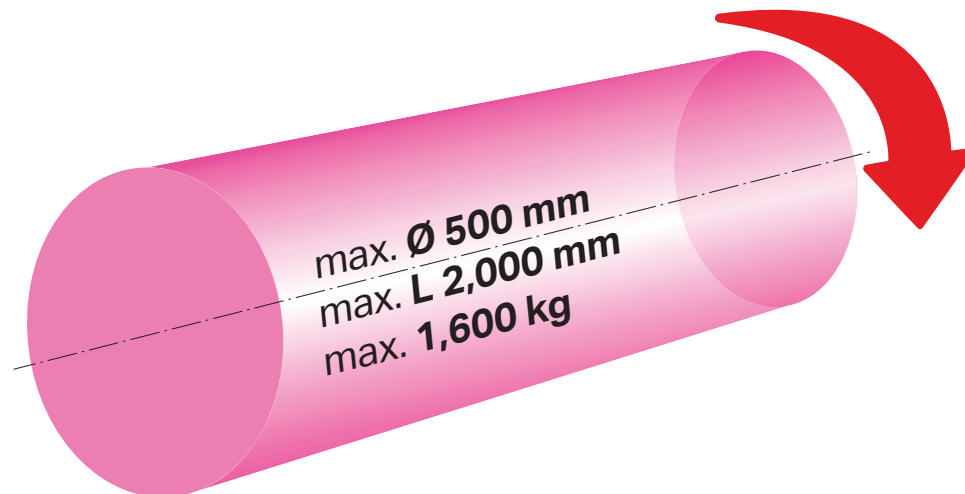
- max. Ø 500 mm
- max. length 2,000 mm



5,000 Nm

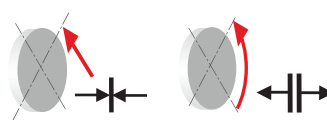
... ± 1"

4th axis



## Accuracies

- P min. ± 1"
- spindle radial/axial run-out 0.002 mm



## Machining forces

- max. 5,000 Nm when clamped
- max. 650 Nm during feed



## Gear unit load

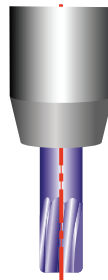
- centric max. 20 kgm<sup>2</sup>

Multi-part clamping? Multiple spindles?  
Simultaneous 5-axis machining or 4+1?



#### Workpiece weight

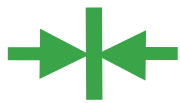
- max. 160 kg



Ø / L

#### Dimensions

- max. Ø 500 mm
- max. length 500 mm

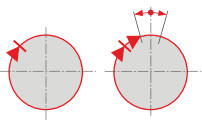
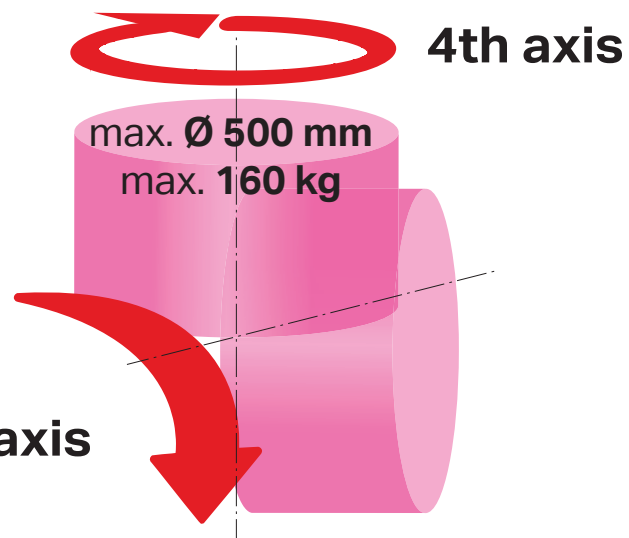


4<sup>th</sup> 2,000 Nm

5<sup>th</sup> 7,000 Nm

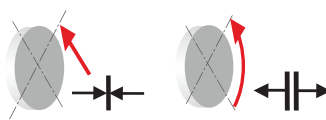
4<sup>th</sup> ... ± 1"

5<sup>th</sup> ... ± 1"



#### Accuracies

- P min. ± 1"
- spindle radial/axial run-out 0.002 mm



#### Machining forces

- clamped, 4<sup>th</sup> max. 2,000 Nm
- 5<sup>th</sup> max. 7,000 Nm
- max. 650 Nm during feed



#### Gear unit load

- centric max. 20 kgm<sup>2</sup>