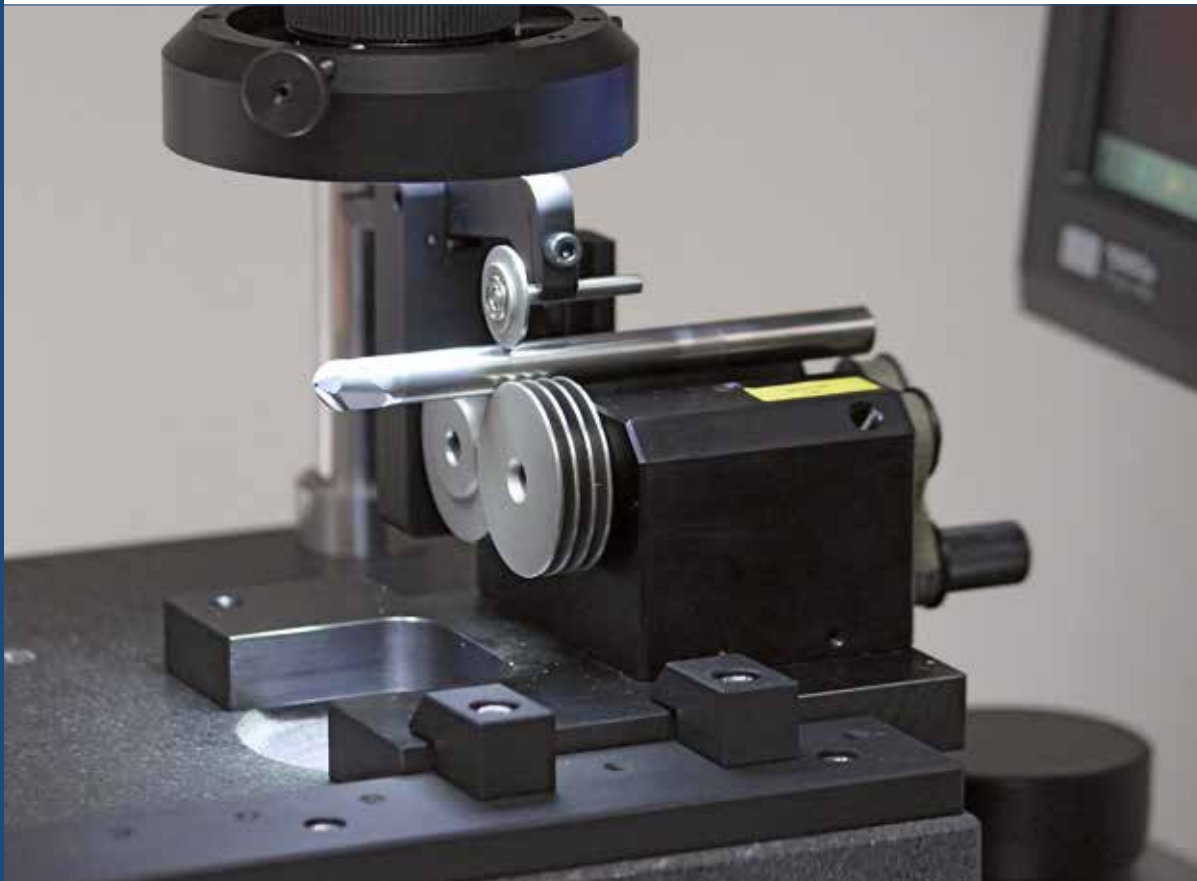


Concentricity gages

Precise runout inspection. Within 10 seconds.
Without prior knowledge. Right next to the machine.



Reduce your production costs - 3 practical tips



Precise runout inspection.
Within 10 seconds.
Without prior knowledge.
Right next to the machine.

1 2 3 4 5 6 7 8 9 10 ... ready!

1

Reduces your internal and external failure costs drastically!

2

Reduces setup and downtime of your expensive machine up to 80 %!

3

Effectively by simple handling.
Indispensable!

The concentricity gages are used for inspection tasks on external, internal and flat faces on rotating parts. Particularly, the concentricity of two or more diameters can be determined and axial run-out measurements performed.

The component is centrelessly mounted on three rollers, in type RPG, RPG AL, RPG mini and RPG micro. The true running accuracy of the workpiece is 0,002 mm.

The robust design with preloaded precision bearings of the supporting rollers increases the longevity of the concentricity gage. The gages are available in various sizes and designs to fit diameters from 0,8 till 240 mm.




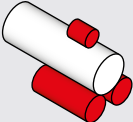

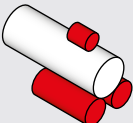

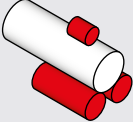

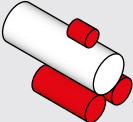

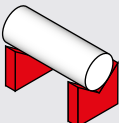

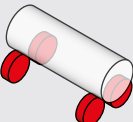

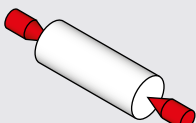


Concentricity gages at a glance

- + High flexibility
- + Quick set-up time
- + For different geometries
- + High true running accuracy



Respond faster. Reduce costs!
Our video evidence, see:
www.spreitzer.de/media

Overview of concentricity gages

| Version | Measurement principle | Workpiece-Ø | Concentricity | Main application |
|---|---|---|---|---|
| RPG micro  | Concentricity gages, centerless  | 0.8 – 10 mm | 0.002 mm preloaded precision bearings | Measuring microscope |
| RPG mini  | Concentricity gages, centerless  | 0.8 – 20 mm 3 – 30 mm | 0.002 mm preloaded precision bearings | Measuring optics suitable for trans- mitted light |
| RPG AL  | Concentricity gages, centerless  | 0.8 – 25 mm 2 – 40 mm 3 – 50 mm 4 – 50 mm | 0.002 mm preloaded precision bearings | Individual testing Serial testing* |
| RPG  | Concentricity gages, centerless  | 0.8 – 25 mm 2 – 40 mm 3 – 50 mm 4 – 50 mm 35 – 100 mm | 0.002 mm preloaded precision bearings | Individual testing Serial testing |
| RPGP  | Concentricity gages with V-blocks  | 1 – 40 mm | 0.002 mm preloaded precision bearings | Individual testing Serial testing* |
| RPGR  | Concentricity gages with roller wheels  | max. 240 mm | 0.002 mm preloaded precision bearings | Individual testing Serial testing* |
| RPGS  | Concentricity gages with tailstocks  | Centre height from 50 – 200 mm Centre width from maximum 200 – 650 mm | – | Individual testing Serial testing* |
| PDE  | Precision rotary unit  | 0 – 32 mm 0 – 100 mm 0 – 136 mm | 0.002 mm (without three-jaw chuck) preloaded precision bearings | Individual testing Serial testing* |

* with options

Concentricity gages – Catalogue order



Order our Concentricity gages catalogue at:

www.spreitzer.de/service/catalogue-order



Concentricity gages – Catalogue download



Download our Concentricity gages catalogue at:

http://www.spreitzer.de/pdf_en/concentricity_gages.pdf

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