

**AMG**

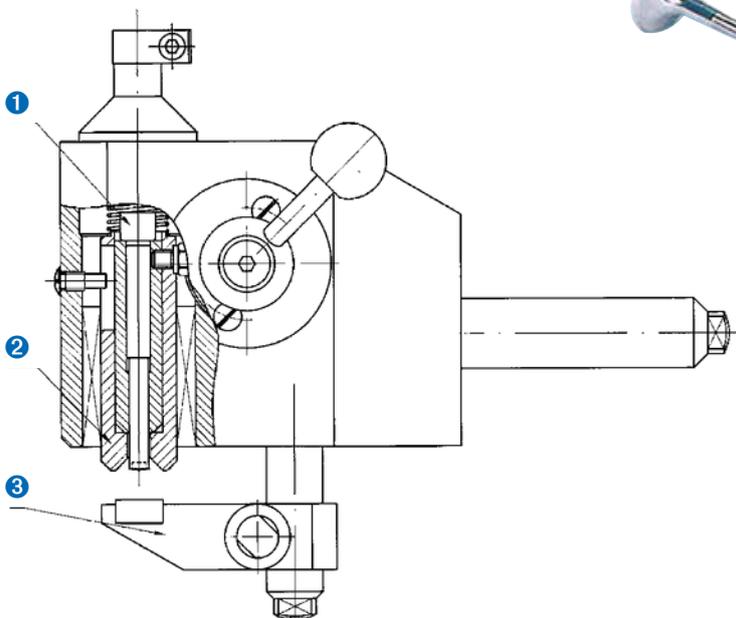
## Self-centering external diameter gauge

The DIATEST outside diameter gauge is a versatile, high-precision instrument designed for use in both production environments and inspection settings.

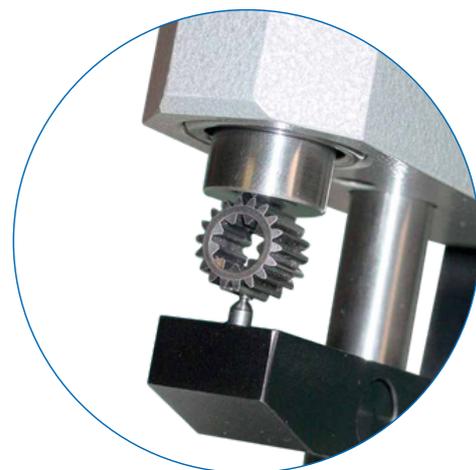
The workpiece is automatically centred via the integrated prism, while the measuring pin transfers displacement directly to the indicator. This ensures consistently accurate and reliable measurements.

- **Standard measuring range  $\varnothing 5$  to  $25$  mm**
- Measuring Pin with **carbide contact point**
- Wear resistant mechanism
- Lower measuring leg adjustable
- Easy retraction of the measuring pin and prism using the hand lever
- Simple calibration using setting discs
- Range  $10$  mm
- **Repeatability  $< 0.001$  mm**
- Weight c.  $4$  kg
- Clamping bore for indicator or transducer  $\varnothing 8\text{h6}$
- Design of lower measuring leg: Standard with spherical or plain support\* (please state when ordering).
- **Special designs on request**

*\*Remark: Lower measuring leg with plain support may decrease measuring accuracy*



1 Measuring Pin 2 Prism 3 Lower measuring leg



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