



ANTRIEBSELEMENTE

Shafts and rollers



If performance is required

www.luetgert-antriebe.de

COMPETENCES - MANUFACTURING OPTIONS

Shafts and rollers for all applications and areas of use

No matter how different the fields of application and uses may be, we offer you the right shaft and roller solution. We manufacture individual pieces (prototypes) and small batches.

Geometry | Manufacturing possibilities

- Turning and grinding up to a maximum length of 4,000 mm
- Machined diameters from 8 mm to 500 mm
- Hardening up to 3,000 mm / larger dimensions or special geometries by arrangement

- Material

- All commercial shaft materials available
- Also special materials such as Cf53, 90MnCrV8
- Or according to specific customer requirements



Surface finish | Tolerances

- Surface finish up to $Ra\ 0.025\ \mu\text{m}$ possible
- Diameters in h6 are standard
- Diameters in h5 and h4 available
- Straightness up to $5\ \mu\text{m}/\text{m}$
- Surface finish Ra up to $0.025\ \mu\text{m}$, $Rz\ 0.1\ \mu\text{m}$
- Concentricity up to $3\ \mu\text{m}$



Heat treatment | Coating

- Inductive surface hardening, hardening depth 4 - 6 mm
- Tempering and stress relieving
- Various coating options for improvement of the properties



SHAFTS AND ROLLERS

Focus on efficiency and precision

Whether it is a matter of material selection, surface finish or processing, we manufacture shafts and rollers and rollers precisely tailored to your requirements.

Shafts

- Shafts in all designs
- A variety of different heat treatments - also partial hardening
- Manufactured from soft or hardened primary material
- High precision turning, milling, drilling and grinding operations
- Designs with journals, threads, milled surfaces, face bores n
- Deep-hole drilled versions

Rollers

- Work rolls (e.g. skin pass rolls, scale break rolls, feed or back-up rolls)
- Straightening rolls (e.g. intermediate rolls, draw-in or stretching rolls)
- Partial hardening possible
- High-precision turning, milling, drilling and grinding operation
- High dimensional accuracy with simultaneous adherence to shape and position tolerances



Lütgert & Co. GmbH A modern foundry and machine factory with 100 years of tradition.

Pinpoint Design and manufacture of drive elements such as belt drives, shafts and couplings.

Solution-oriented, competent support for all topics relating to drive technology. Individual solutions with a constant focus on economic efficiency.

Complete drive solutions We supply standard and special elements, V-belts, bushes, tensioning sets, shafts, motor tensioning systems as well as mechanical contract manufacturing from a single source.



More information required?

www.luetgert-antriebe.de



Our competent team is at your disposal for questions, problem solving, service concepts and maintenance work at any time.

We will also be happy to visit you at your company location for a personal consultation.



Lütgert & Co. GmbH
Friedrichsdorfer Straße 48
33335 Gütersloh | Germany

Phone: +49 5241 7407-0
vertrieb@luetgert-antriebe.de
www.luetgert-antriebe.de

Made in Germany