

PRODUCT PORTFOLIO FOOD INDUSTRY  
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# PRODUCT PORTFOLIO FOOD INDUSTRY

## MEASURING WHEELS MRAPF500/MRANF500

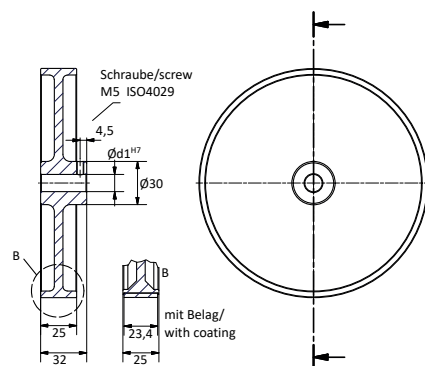
New in our portfolio:

measuring wheels with FDA compliant plastic for encoders with 2 coatings:  
smooth or studded

- \* **Hygienic materials:** Made from FDA-compliant plastic and anodised aluminium.
- \* **High precision:** Exact measurements, ideal for demanding applications
- \* **Temperature range:** Can be used from -30 to +80 °C;
- \* **High reliability:** Optimum adaptation to the surface
- \* **Long service life:** Robust design and high-quality materials for a long service life in demanding environments.
- \* **Compatibility:** Variable bore diameter, compatible with standard rotary encoders.
- \* **Easy cleaning:** Smooth surfaces and special coatings minimise contamination risks and enable compliance with hygiene standards.
- \* **Circumference:** 500 mm  $\pm 1$ .
- \* **Moment of inertia:** 15.3x103 gcm<sup>2</sup>
- \* **Weight:** approx. 475g



## Measuring wheel FDA 500



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COUPLINGS DKPSF

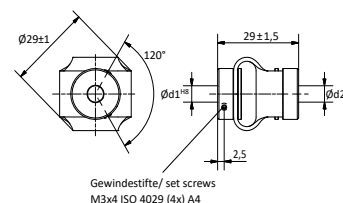
New in our portfolio:

double loop couplings with FDA compliant plastic in 2 sizes:

- \* **Hygienic materials:** Made of FDA-compliant plastic and A4 stainless steel, complies with strict hygiene guidelines.
- \* **Temperature range:** Can be used from -30 to +80 °C, the DKPS have a thermally and electrically decoupling effect.
- \* **High reliability:** Torque transmission up to 2 Nm, reliably compensates lateral, angular and axial misalignments,
- \* **Precise power transmission:** Provides constant, reliable power.
- \* **Long service life:** Robust design and high-quality materials for a long service life durability in harsh environments.
- \* **Maintenance-free:** The design is maintenance-free, so optimum operating times can be achieved.
- \* **Compatibility:** Variable bore diameter, customisable to your requirements. Compatible with many machines in the food and pharmaceutical industries.
- \* **Easy cleaning:** Smooth surfaces and open design minimise the risk of contamination and are resistant to most cleaning agents.
- \* **Versatile:** Robust, flexible design for a wide range of applications.
- \* **Lengths:** Available in 28 mm and 48 mm, with various bore combinations , and optional keyways. **Weight** 35g/90g
- \* Medium torsion spring stiffness with low restoring forces



DKPSF2928



DKPSF4848

