



HUTCHINSON®



We make it **possible**

Magnet Rings

HEAVY-DUTY APPLICATIONS



Customize your encoder



APPLICATION

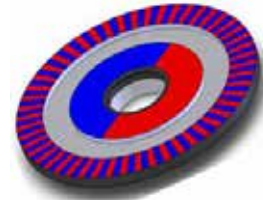
- ▶ Encoders
- ▶ Motors
- ▶ Actuators

APPLICATION BENEFITS

- ▶ Resistant to a wide temperature range : -40°C to +160°C.
- ▶ Resistant to transmissions, high speeds and accelerations.
- ▶ Resistant to abrasive, dust, mud, sand, salt, oil, grease and water.
- ▶ Available with a dynamic or static sealing function.

PRODUCT DESCRIPTION

- ▶ Elasto-Ferrite Magnetic Rubber molded and bonded to a metal insert.
- ▶ Combining elastic properties and strong rubber/insert adhesion.
- ▶ Compatible with sensor technologies such as Hall Effect and magnetoresistive.
- ▶ Adapted for hollow shafts for Heavy-Duty applications or severe environments.



TECHNICAL BENEFITS

- ▶ Customized magnetic tracks with or without singularity.
- ▶ Resistance to shock and vibrations : 500g and 2000 Hz.
- ▶ Strong bonding process ideal for high speeds up to 25000 RPM.
- ▶ Magnetic performance adapted to each application and customer requirement.



MARKETS



Aerospace



Defense



Energy



Railway



Industry

You will find in the catalogue our standard designs.
We also offer reinforced solutions through an RFQ submission.

