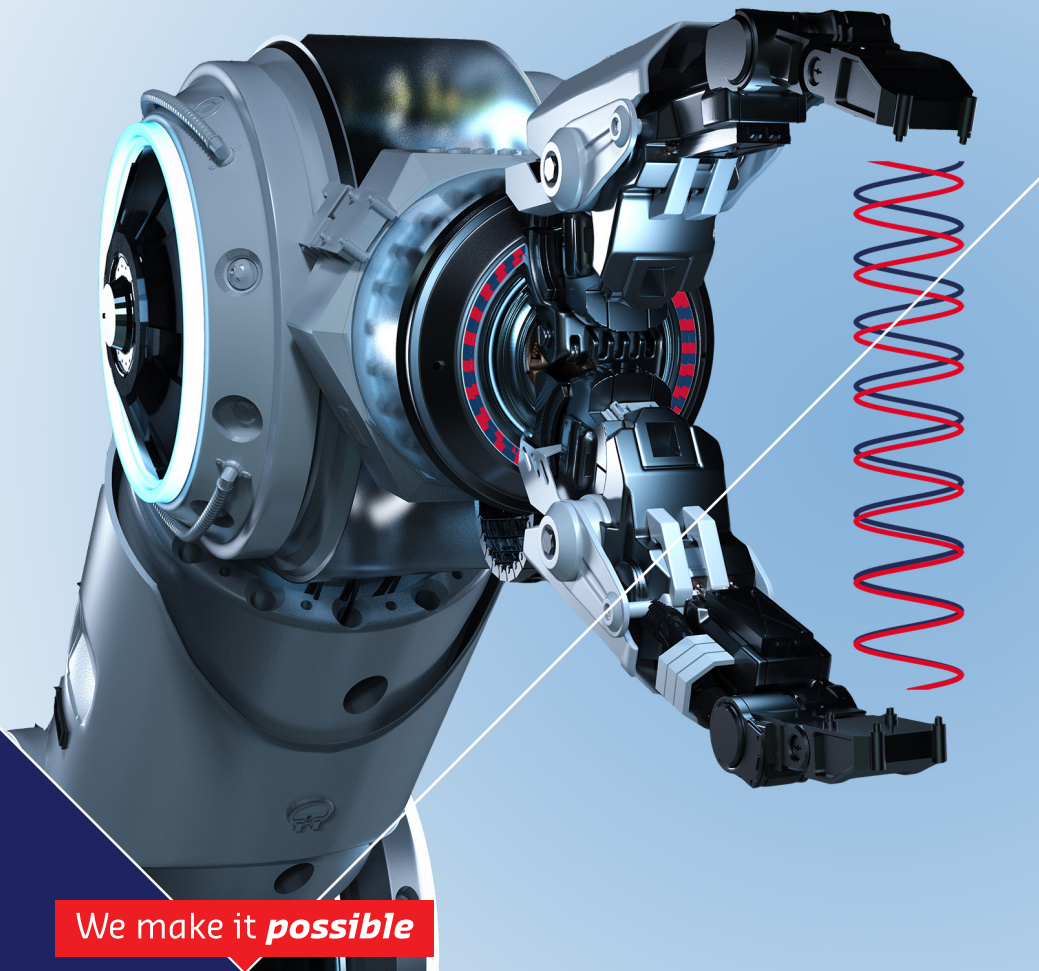




HUTCHINSON®



We make it **possible**

Nonius Magnet Rings

INDUSTRIAL APPLICATIONS

Genuine parts produced in our factories in Europe



HUTCHINSON NONIUS MAGNET RINGS

Hutchinson Nonius magnet rings consist of 2 magnetic tracks.

The **Master track** is composed of an even number of magnetized poles. This first track is used for high precision position definition.

The second track referred as the **Nonius track** has one less pair of poles than the Master track. This track is used to calculate an absolute position by calculating the offset to the Master track.

The elastic properties of the rubber, combined with good rubber-metal adhesion, ensure good performance under extreme environments.

The combination of magnetic rings with Hall effect sensors of the iC-MU series create absolute position measuring systems.

Hutchinson Nonius magnet rings respond efficiently to industrial applications. They are fully adapted to robots used in medical applications, for automated production lines or machine tools.

FEATURES

- ▶ Magnetic vulcanized rubber compound
- ▶ Bonding stainless steel insert
- ▶ Temperature range -40 to 140 °C
- ▶ Dimensions from 20 to 90 mm
- ▶ Axial & radial designs



BENEFITS

- ▶ Optimized magnetic signal
- ▶ Optimum adhesion adapted to high speed
- ▶ Permanent magnetic material
- ▶ Thin design for downsized housing (1,1mm for axial design)
- ▶ Adapted to robotic and motor control applications
- ▶ Compatible with the iC-MU Series from iC-Haus

