

RENOLD

HiTec Couplings
Product Range



The complete solution

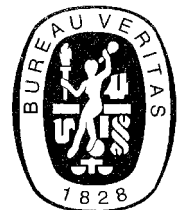
RENOLD HiTec Couplings

Renold Hi-Tec Couplings has been a world leader in the design and manufacture of flexible couplings for over 50 years.

- Measurement of torsional stiffness up to 220 kNm
- Full scale radial and axial stiffness measurement
- Misalignment testing of couplings up to 2 metres in diameter
- Noise attenuation testing
- Latest CAD technology
- Torsional vibration analysis
- Transient and finite element analysis



- World class manufacturing
- Total quality system
- Latest machining and tooling technology
- Static and dynamic balance capability
- Integrated cellular manufacturing
- Synchronised work flow



Product Range

The product range comprises of rubber in compression couplings, developed over 50 years for the complete range of diesel and industrial applications. In particular, our design capability and innovation is recognised in customising couplings to meet customers specific requirements

RENOLD Hi -Tec Couplings deliver the durability, reliability and long life that customers demand.

RENOLD Hi-Tec Couplings is “the complete solution”.

DCB Range

The unrivalled quality and endurance capability designed into every DCB coupling make it ideally suited for marine propulsion, power generation and reciprocating compressor applications where long life, fail safe operation and control of resonant torsional vibrations are essential. Maximum torque range 5520 kNm.

Applications

- Marine Propulsion
- Reciprocating Compressors
- High Power Generator Sets
- Rail Traction



HTB Range

The HTB Coupling is a high temperature blind assembly coupling designed for mounting inside bell housings

Applications

- Marine Propulsion
- Compressors
- Generator and Pump Sets
- Rail Traction



RB Range

General purpose, cost effective range available in either shaft to shaft or flywheel to shaft configurations with a maximum torque of 41 kNm.

Applications

- Generator and Pump Sets
- Metal manufacture
- Pulp and Paper Industry
- Compressors
- Bulk Handling
- General Industrial Applications



PM Range

This range of couplings is specially designed for heavy industrial applications providing exceptional protection against severe shock loads and vibration. Maximum torque 6000 kNm.

Applications

- Metal manufacture
- Pumps, Fans and Compressors
- Power Generation
- General Heavy Duty Industrial Applications
- Mining
- Cranes and Hoists
- Pulp and Paper Industry



MSC Range

This innovative coupling has been designed to satisfy a vast spectrum of diesel drive and compressor applications providing low linear stiffness and control of resonant torsional vibration with intrinsically fail safe operation. Maximum torque 375 kNm.

Applications

- Marine Propulsion
- Compressors
- High Power Generator Sets



RENOLD

HiTec Couplings

112 Parkinson Lane
Halifax HX1 3QH
United Kingdom
Tel: +44 (0) 1422 255000
Fax: +44 (0) 1422 255100
E-mail: sales@hitec.renold.com
www.renold.com

Renold Couplings & Gears

100 Bourne Street
Westfield
NY 14787 - 9706
USA
Tel: +1 716 326 3121
Toll free: +1 800 879 2529
Fax: +1 716 326 8229
E-mail: ainfo@renold.com

Renold Hi-Tec Couplings SA

Antoni Gaudi, 21
08850 - GAVÁ
Barcelona
Spain
Tel: +34 (93) 6380558
Fax: +34 (93) 6380737
E-mail: renold@renold-hitec.com

Brampton Renold

Z.I.A. Rue de la Pointe
B.P. 359 - 59473
SECLIN CEDEX
France
Tel: +33 (0) 3 20 16 2929
Fax: +33 (0) 3 20 16 2900

Renold Australia Propriety Ltd

508 - 520 Wellington Rd
Mulgrave Victoria 3170
Australia
Tel: +61 (0) 3 9262 33 33
Fax: +61 (0) 3 9561 85 61

Arnold & Stolzenberg GmbH

PO Box 1635 + 1645
D-37557 Einbeck
Germany
Tel: +49 (0) 5562-81-163
Fax: +49 (0) 5562-81-194

For other country distributors please contact
Renold Hi Tec Couplings.

Whilst all reasonable care in compiling the information
contained in this brochure is taken, no responsibility is
accepted for printing errors.

All information contained in this brochure is subject to
change after the date of publication.

RENOLD