Strength through Service
Renold Gears has been manufacturing high quality, high specification gear units for over 100 years and has always been at the leading edge of gear technology with innovative products and power transmission solutions.

Interchangeability
Many of the products from Renold Gears are dimensionally interchangeable with other manufacturers gear units, allowing a trouble free replacement of gearboxes, in most cases upgrading the capacity through state of the art technology and materials.

Custom Made
Renold Gears is unique in its ability to offer custom made products designed to meet customers exacting requirements without compromise on availability and cost. From complete package solutions to individual precision replacement gears, all can be tailor made to meet specific applicational requirements.

Available
The most popular ranges of gearboxes are available from local distribution stock, backed up by extensive stocks from our manufacturing plant in the UK.
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A medium power torsionally flexible coupling combining shock absorbing and misalignment capacity, used in the widest range of industries and applications

**Coupling capacity**
- Maximum power @ 100rpm: 45kW
- Maximum torque: 4308Nm

**Features and benefits**
- Torsionally flexible - shock absorbing, extending machine life
- Maintenance free - minimum number of wearing parts
- Misalignment capabilities allowing flexibility in installation
- Jaw Wrap allows external wrap fitting of elastomeric element
- Cost effective - offering low cost product with a high quality design
- Jaw Wrap ensures machinery downtime kept to a minimum so ensuring continued process
- Dimensionally interchangeable with other Spider Jaw Couplings - Lovejoy, Browning & Fenner

**Standard range comprises**
- Shaft to shaft
- Taper bush
- Pilot bored
- Bored and keywayed to customers requirements

**Applications**
- Bulk handling
- Compressors
- Generator sets
- Metals manufacture
- Pumps
- Conveyor drives
- Paper converting
- Logging
- General industrial applications

**General details**

Coupling materials available include:
- Cast iron half bodies
- Sintered iron half bodies
- Aluminium half bodies

Elements available include:
- Nitrile (standard)
- Urethane
- Hytrel
- Bronze

Can be certified for use in potentially explosive atmospheres containing gas or dust, according to ATEX directive 94/9/EC.

The couplings are classified for equipment group 2 category 2 GD equipment.

Contact Renold for further details.
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<th>With half body combinations</th>
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<th>B mm</th>
<th>C1 mm</th>
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**Ordering code**

- **Half Body**
  - SPDR 110 HBDY CI
  - Material: SI - Sintered Iron (Sizes SPDR35 - SPDR75)
    - CI - Cast iron (Sizes SPDR95 - SPDR350)
    - AL - Aluminium (Sizes SPDR70 - SPDR110)

- **Element Kit**
  - SPDR 110 ELMT NI
  - Material: NI - Nitrile (All sizes)
    - UR - Urethane (Available for sizes SPDR50 - SPDR295)
    - Hy - Hytrel (Available for sizes SPDR50 - SPDR295)

*1 Power and Torque values quoted are for Nitrile Rubber elements (NBR).

Urethane elements have around 1.5 times the torque capacity, but provide less damping effect.

Hytrel elements offer around 2.5 times the torque capacity but have even less damping effect and are best used for continuous load applications rather than cyclic or stop/start situations.

Please contact Renold technical department for more information on these alternative element materials.
Power and Torque values quoted are for Nitrile Rubber elements (NBR). Urethane elements have 1.5 times the torque capacity, but provide less damping effect. Hytrel elements offer 2.5 times the torque capacity but have even less damping effect and are best used for continuous load applications rather than cyclic or stop/start situations. Please contact Renold technical department for more information on these alternative element materials.

Statement:
When ordering a complete coupling you should select two half bodies and one element. If in doubt refer to Renold Sales.
The best range of solution chain products available anywhere

**RENOLD Synergy™**
- High performance
- Superior wear life
- Outstanding fatigue resistance

**RENOLD Syno™**
- Maintenance free
- Self-lubricating chain
- Food industry-approved lubricant

**RENOLD**
- Best premium chain
- Leading performance
- Solid bush / solid roller / end softened pin

**Hydro-Service™**
- Superior corrosion resistant coating
- Alternative choice to stainless steel chain
- Will not chip or peel
- Hexavalent chrome-free

**Steel Pin Bush Roller Chain**
- Manufactured to international stds
- Full range of pitch alternatives
- Breaking loads 13 to 900 kN as std
- Attachments to suit varied applications

**Leaf Chain**
- Comprehensive ranges used worldwide for safety critical lifting applications
- 100 years experience in developing and maintaining lifting chain

**Steel Knuckle Chain**
- Heavy duty, detachable elevator chains
- Integral K type attachments
- Breaking loads from 642kN to 1724kN
- Sealed joint to extend chain life

**Roll-Ring™**
- Revolutionary chain tensioner
- Installed in seconds and self adjusting
- Maintenance free
- Also acts as noise damper

**Customised Engineering Chain**
- Wide range to suit specialised applications using high specification materials and treatment processes
- Designed in close collaboration with customer

**Smartlink™**
- Load monitoring technology
- Technical reports & data logging

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