

Conveyor chain

Our precision conveyor chain consists of a series of journal bearings held in precise relationship to each other by constraining link plates.

- Maximum chain strength and resistance to wear are achieved by strict control of the material specification and by using state of the art heat treatment processes.
- The consistent overall tolerances of Renold chain make it ideal for conveying systems requiring precise alignment on multi-strand chain layouts.
- Breaking loads exceed the minimum international standards.
- Correct chain selection is essential for optimum performance. Renold's experienced design team are always available to freely advise on particular products and applications.

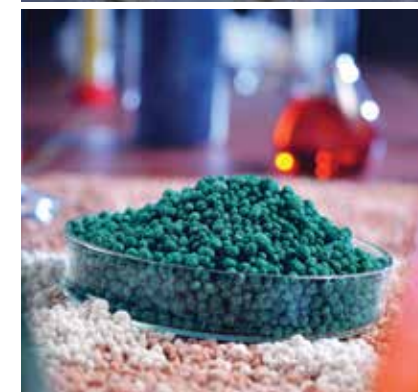


Chain for specific applications

The name Renold is synonymous with high quality, Renold products utilise the latest technology and are designed for long life with minimum maintenance requirements.

Just some of the industries supplied:

- Agriculture
- Construction
- Energy
- Food & Drink
- Leisure & Theme park
- Materials handling
- Mining & Quarrying
- Packaging
- Pharmaceutical
- Printing
- Transportation



Inverted Tooth Chain

Our range comprises the entire spectrum of inverted tooth chains, individually tailored for the specific application at hand. This includes matching sprockets to ensure optimum functioning.

Special design features:

- Fast, with speeds up to 50 m/s
- Extremely smooth, quiet operation with easy assembly
- Low-maintenance and durable thanks to rolling pivots
- Little lubrication needed
- Customised overall solutions based on your specific requirements
- Resistant to extreme temperatures and ambient conditions

Renold Chain

Superior Chain Solutions



We also manufacture a large range of gears and couplings



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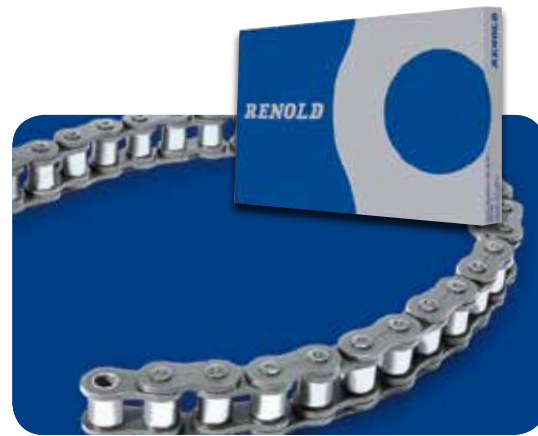
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Transmission chain

RENOLD

Premium Chain

- Spin riveted pins
- High waist plate shape gives better stress distribution
- Hardened and shot peened plates
- Solid roller and solid bush
- Components manufactured to the highest specifications for unbeatable accuracy



RENOLD A&S

Standard Chain

- Sizes range from 4mm to 2.5 inch pitch
- A wide range of M, K and extended pin attachments available
- Solid extruded roller and bush
- Wedge riveted pins
- Wider waist plates give better stress distribution



RENOLD SD

Economy Chain

- Wedge riveted pins
- Value chain with Renold manufacturing standards
- Also available in DIN standards
- Competitive prices and delivery
- Consistent quality



For your production environment

Attachment Chain

Our 72 hour service covers half-inch (08B) to one-inch pitch (16B) transmission chain with standard K attachments, M attachments and extended pins for standard carbon steel BS chain.



Hot

Cold

Food

Fast

Corrosion

Abrasion

Renold specialise in chain to run in challenging production environments. We can offer a range of heat and surface treatments and lubricants suited to your specific production environment (-60°C to 400°C).

We can also pair to a tolerance of 0.01% for applications using chains in parallel.

Solution chain

RENOLD Synergy™



- Profiled components and special pin surface coating enhance wear resistance
- Pre-stressed surfaces increase fatigue resistance
- Triple punch holing ensures controlled positional location of pin

RENOLD Syno™

- Food industry-approved lubricant within the sintered bush
- No lubrication normally required
- Outside of chain totally dry-to-the-touch

Sovereign™

- Resilient, durable components
- Up to 3 times longer wear life than standard chain in harsh environments
- Suitable for high speed or heavy load applications

Hydro-Service™

- 350 hours corrosion protection during salt spray tests to DIN 50021
- Lasts as much as 30 times longer than standard carbon steel in corrosive environments

Stainless Steel

- All components made from austenitic rust-proof steel
- All components receive surface finishing to remove stress raisers

