

24
HOURS

Renold brand standard adapted chain despatched in 24 hours. Guaranteed.

Renold's dedicated team of specialist engineers provide a guaranteed 24 hour attachment chain service for BS steel transmission chain, from half inch (08B) to one inch (16B) pitch, with standard M and K attachments, extended pins, and in accordance with customer specifications.

Renold brand is highly fatigue resistant, with breaking loads that exceed all international standards, Renold brand is the benchmark for standard chain applications.

Get an instant quotation over the phone.
Call our UK chain centre on 0161 498 4600

- EXCELLENT SERVICE
- FAST QUOTING
- QUICK DELIVERY



For over 140 years, the Renold group has delivered high precision engineered and power transmission products to customers across the globe.

Our market-leading products can be seen in diverse applications from cement making to chocolate manufacturing, subway trains to power stations, escalators to quarries; in fact, anything that needs to be lifted, moved, rotated or conveyed.

To find out more about our capabilities and how Renold can get your business moving, visit our website www.renold.com.

Note: In conveying applications where chains are not tied, the longer chain can move along in a bowed condition. Renold have developed a chain matching service, which is used when simultaneous operations need to be carried out at different positions in a drive. Renold's high accuracy pitch matching, ensures uniformity of chain length over any given section of the drive. Contact us for more information on this service.



For more information on products or pricing simply call Renold on 0161 498 4600

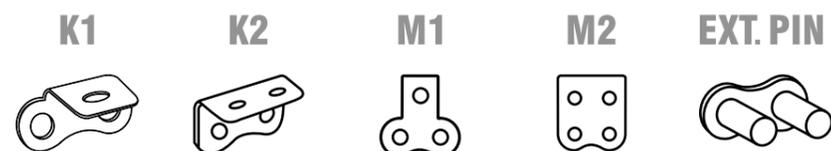
Renold. For all your attachment needs



Renold have a wide range of attachment chains available to suit every need

Hygiene sensitive areas • Standard applications
Water related environments
Highly corrosive • Extreme temperatures

Attachment types:



RENOLD

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RENOLD

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RENOLD Stainless Steel

For environments where high resistance to corrosion is critical.

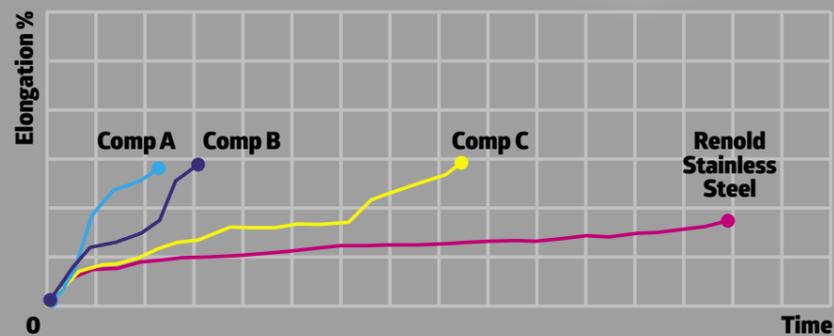
Renold Stainless Steel performs extremely well in environments that are acidic, alkaline, where the chain will be exposed to water and for very extreme temperature conditions (-40° to +400°C) where resistance to corrosion is critical.

Renold Stainless Steel chain should be selected when resistance to chemical action is essential. It is manufactured using FDA approved material and is pre-lubricated with USDA H1 approved lubricant.

All components are made from austenitic rust-proof steel.



Wear performance:



The graph above shows that Renold Stainless Steel performs considerably better than several alternative stainless products. This is due to:

- Excellent corrosive resistance of austenitic stainless steel
- Pins cold drawn up to 1600 N/mm² - providing superior wear performance.
- Rollers are extruded and solid - these perform more effectively compared to a curled roller equivalent.
- Plates manufactured have extremely high hardness; up to 1100 N/mm² - aiding fatigue performance

RENOLD Low Maintenance



Annual Savings
18%
from one of our happy customers.

For applications where lubrication is undesirable or impractical.

PROBLEM

A fabrications manufacturer were having to change their chain every 3 months – causing costly downtime and hindering their efficiency due to excessive wear caused by lubrication regime issues.

The customer was purchasing a commodity, low cost economy chain.

SOLUTION

Renold's experienced engineers analysed the production facility and due to the application of lubricant being undesirable and difficult in areas, Renold recommend their Low Maintenance brand chain.

We have more than doubled the service life of the chain!

SAVINGS

By upgrading to Renold Low Maintenance, our customer has achieved tremendous cost savings due to:

- Reduced downtime/Improved productivity.
- Reduced maintenance costs.
- Doubling the service life of the chain.

SPECIFICATION

Renold's Low Maintenance brand chain uses clever sintered bush technology. The bush works as a metal sponge - full of small holes that are impregnated with lubricant.

During operation, lubricant is released onto the bearing surfaces. When the chain is not in operation, the lubricant returns to the sintered bush.



Cost savings: Figures that speak for themselves

	Previous	Renold
Description	12B1 Competitor Chain with K1 attachments every 8th Pitch	12B1 Renold Low Maintenance brand chain with K1 attachments every 8th pitch
Wear Life (days)	92	212
Total installation cost	£16,330.37	£30,937.33
Total annual cost	£64,831.28	£53,211.59
Cost savings over lifetime per chain		£6,755.05
Total annual savings		£11,615.59

* Renold still recommends lubricating where possible to extend the life of the chain
* Please check dimensions prior to purchase at www.renold.com

RENOLD Syno™

For applications where lubrication is impossible, with added corrosion resistance.

Like Renold Low Maintenance, Renold Syno utilises sintered bush technology to help customers who have difficulty lubricating their chains. Syno is also nickel plated to add protection to corrosive environments:

If you need to operate with minimal lubrication but can't compromise on performance, we can boost your productivity, cut your downtime and save you time and money.

KEY FEATURES

- Outside of chain totally dry-to-the-touch
- Nickel Plated for added corrosion resistance.
- With a food industry-approved lubricant within the sintered bush, this chain will in almost all instances not need relubrication. The roller coating is also suitable for use in the food industry; a unique feature on any chain.

