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*The only true high-performance chain on the market.*



*Maintenance free chain for lubrication-sensitive environments.*



*Superior corrosion resistance for longer working life.*



*Still the benchmark for premier standard transmission chain.*

RENOLD  
Transmission Chain

## Transmission Chain 传输链

Product catalogue 产品样本



**RENOLD**  
Superior Chain Technology

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**RENOLD**  
Superior Chain Technology

[www.renold.com](http://www.renold.com)

**Renold Chain.**  
**Keeping the world moving**  
**and delivering maximum**  
**performance.**

**Renold 链条让世界运转和**  
**提供最大性能**



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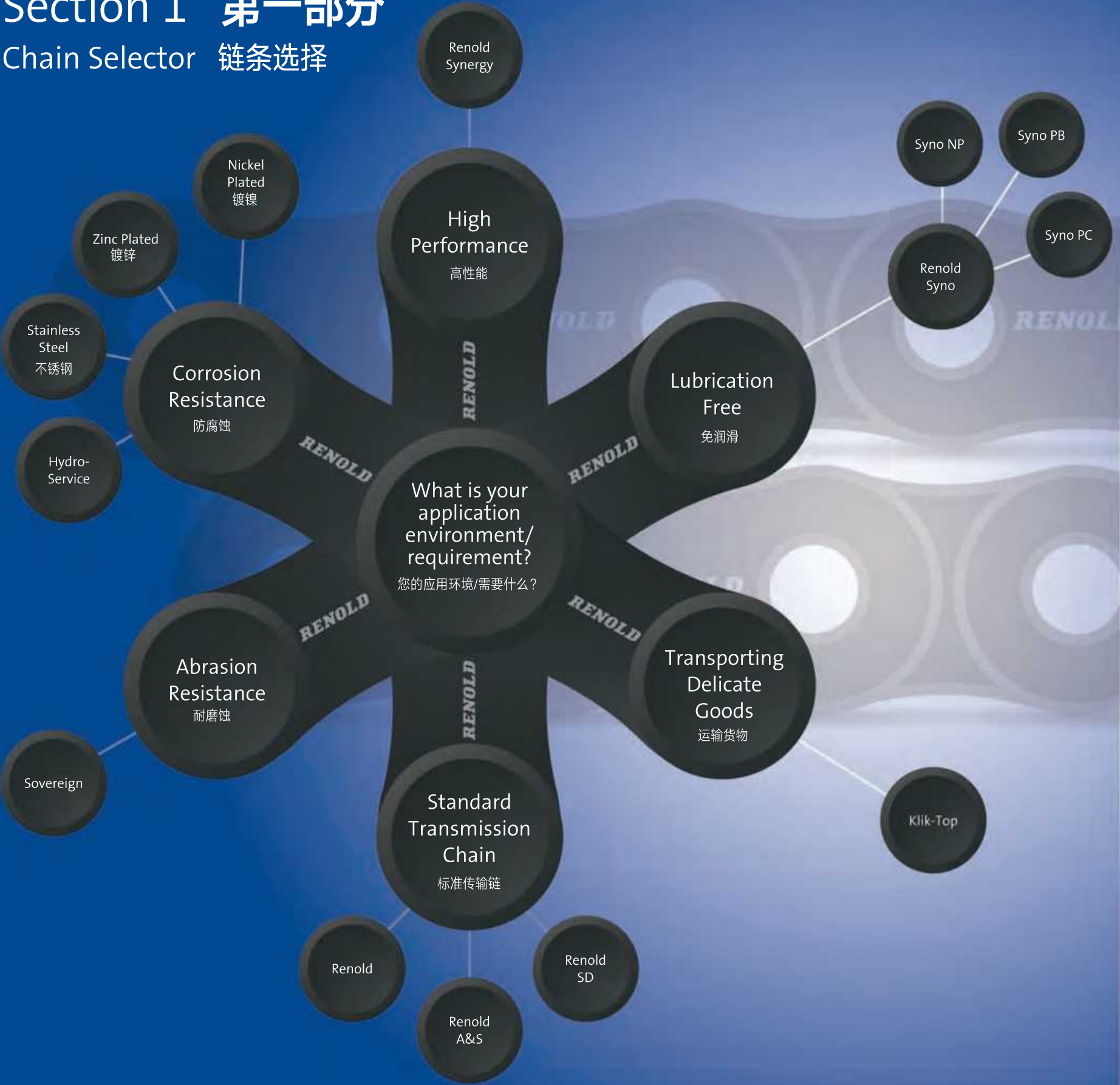
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Section 1 第一部分

Chain Selector 链条选择



链条挑选

在任何行业和应用环境；重型或轻型负荷，室内或室外，清洁或污染，高温或低温，Renold努力提供性能和提高生产力。无论你的工作环境或对链条要求—Renold链条总有一款适合你。

Renold Chain Selector

Behind every conceivable industry and application environment; heavy or light duty, indoor or outdoor, clean or contaminated, high or low temperature, Renold is hard at work delivering performance and increasing productivity. Whatever your working environment or chain requirement – Renold has the chain for you.

| RENOLD |                                                                                                                   |                                        |
|--------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|        | <b>High Performance –</b><br>Synergy: Highly wear resistant                                                       | <b>高性能 –</b><br>高耐磨                    |
|        | <b>Lubrication Free –</b><br>Syno: Maintenance Free                                                               | <b>免润滑 –</b><br>免维护                    |
|        | <b>Corrosion Resistance –</b><br>Hydro-Service: Strength of carbon steel chain with superior corrosion resistance | <b>防腐蚀 –</b><br>拥有碳素链条的强度，同时又有超高的防腐蚀性能 |
|        | Stainless Steel: Excellent corrosion resistance for medium load applications                                      | 不锈钢: 对中等负载应用有非常好的防腐蚀性能                 |
|        | Zinc plated: Corrosion resistance for suitable environments                                                       | 镀锌: 对合适的环境有防腐蚀性能                       |
|        | Nickel plated: Corrosion resistance for suitable environments                                                     | 镀镍: 对合适的环境有防腐蚀性能                       |
|        | <b>Abrasion Resistance –</b><br>Sovereign: Designed for dusty environments                                        | <b>耐磨蚀 –</b><br>针对脏污环境设计               |
|        | <b>Transporting Delicate Goods –</b><br>Klik-Top: Polymer Block chain made easy                                   | <b>运输货物 –</b><br>聚合块链条让一切简单            |
|        | <b>Standard Chain –</b><br>Renold: Premier wear and fatigue resistance for standard chain                         | <b>标准链条 –</b><br>标准链条中耐磨性和耐疲劳性居首       |
|        | Renold A&S: All purpose transmission chain                                                                        | 通用传输链                                  |
|        | Renold SD: Standard Duty transmission chain                                                                       | 标准传输链                                  |

## Section 1 第一部分

European (BS) & ANSI products and dimensions

欧洲 (BS) 和ANSI产品和尺寸

## 零部件和连接链节

Components and Connecting Links



Renold精密钢制滚子链能够有效、灵活地传动动力，在工业应用中，它几乎可以彻底取代有史以来所有曾经被应用过的其他类型链条。

右图所示为一根结构简单的Renold滚子链的外链节和内链节的组成部件。

如图所示，Renold精密钢制滚子链由一系列轴颈轴承组成，它们被具有约束作用的链板固定，彼此之间的位置关系十分精确。每一根轴承包括一个销轴和一个套筒（链条的关注在其上旋转）。销轴和套筒都经过表面硬化处理，允许在较高的压力下铰接在一起，而且可以承受由载荷产生的压力以及通过链条的滚子传递的齿轮作用。

所有链条都按照节距（在邻近两个销轴中心之间的距离）、滚子直径及内链板间的宽度进行分类。由于这些尺寸将决定链轮轮齿的外形及宽度，因此它们被统称为齿轮装置尺寸。

The Renold precision steel roller chain is a highly efficient and versatile means of transmitting mechanical power, which, in the field of industrial applications, has almost completely superseded all other types of chain previously used.

The illustration (right) shows component parts of the outer link and of the inner link of a Renold simple roller chain.

As illustrated, the Renold precision steel roller chain consists of a series of journal bearings held in precise relationship to each other by the constraining link plates. Each bearing consists of a bearing pin and bush on which the chain roller revolves. The bearing pin and bush are case hardened to allow articulation under high pressures, and to contend with the load carrying pressures and gearing action imparted via the chain rollers.

All chains are classified according to pitch (the distance between the centres of adjacent bearing pins), roller diameter and width between inner plates. Collectively, these dimensions are known as the gearing dimensions, as they determine the form and width of the sprocket teeth.



标准链节

图中所示的链条零部件及连接链节仅仅是为了表示可供使用的种类。关于每一种链条的零部件，请参照产品的相应页码

Standard links

The chain parts and connecting links illustrated are only indicative of the types available. Please refer to the appropriate product page for the parts relevant to individual chains.



这些成套的组件适用于各种规格及类型的链条。该装置有两块内链板组成，它们被压在承载滚子的套筒上。（供套筒链使用的内链节没有滚子）

These are complete assemblies for use with all sizes and types of chain. The unit consists of two inner plates pressed on to the bushes which carry the rollers. (Inner links for use with bush chains have no rollers).

弯板链节

除了专业用途的链条（在这些应用中，弯板链节是一个重要的设计特性）以外，弯板链节只用于链条长度必须等于奇数个节距的情形。我们并不建议这种做法；只要有可能，在设计所有传动装置的时候都应该使其具备充分的总体调整能力，从而确保整根链条中的节距数目为偶数。不要将弯板链节用于存在冲击载荷、高载荷或高速运转的传动装置。

Cranked links

Apart from the specialised chains where the cranked link is an essential design feature, cranked links are used only where the chain length must be an odd number of pitches. This practice is not recommended; all drives should, wherever possible, be designed with sufficient overall adjustment to ensure the use of an even number of pitches throughout the chain. DO NOT USE CRANKED LINKS ON IMPULSIVE, HIGHLY LOADED OR HIGH SPEED DRIVES.

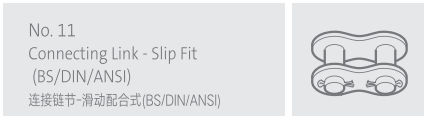


适用于要求达到最佳安全性的各种规格及类型的链条。所提供的链节带有销轴，销轴被铆接在一块链板上。另一块外链板采用过盈配合方式与销轴装配在一起；在链板被装配后，销轴的末端应该被铆接到顶部。

压入配合式连接链节只能使用一次；必须用新的链节更换被拆卸下来的链节。（有关详细说明，请参考“铆接环链”）。

For use with all sizes and types of chain where optimum security is desired. The link is supplied with bearing pins riveted into one outer plate. The other outer plate is an interference fit on the bearing pins, the ends of which should be riveted over after the plate is fitted.

Press fit connecting links should only be used once; new links must be used to replace dismantled links. (See ‘Riveting Chain Endless’ for full instructions).



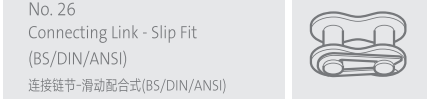
所提供的连接链节有两个被铆接在外链板中的链接销。外链板采用间隙配合方式被装配在链接销上，它被一个穿过每个链接销突出端的开口销固定在适当的位置。

A connecting link supplied with two connecting pins riveted into the outer plate. The outer plate is a clearance fit on the connecting pins and is secured in position by a split pin through the projecting end of each connecting pin.



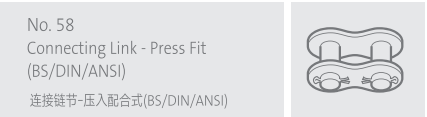
单独一个链节的弯板被压在套筒上，而且在较窄的一端有滚柱组件。采用间隙配合方式的链接销（第128号）被装配在较宽的一端，并且被一个开口销固定。

A single link with cranked plates pressed onto a bush and roller assemble at the narrow end. A clearance fit connecting pin (No. 128) is fitted at the wide end and is secured by a split pin.



仅可用在短节距的链条上。配有两个被铆接在外链板中的链接销，采用间隙配合的连接链板被一个卡环（第27号）固定，卡环卡在销槽内。

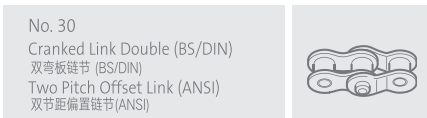
Used on short pitch chains only. Supplied with two connecting pins riveted into the outer plate, the clearance fit connecting plate being secured by means of a spring clip, No. 27, which snaps into the grooves in the pins.



这种标准连接链节适用于ANSI系列链条，也用在高速或恶劣条件下的铆接链上。配有两个被铆接在外链板中的链接销，另一块外链板采用压入配合方式被装配在销上，并且在组装完成后被开口销固定。压入配合式连接链节仅能使用一次；必须用新的链节更换被拆卸下来的链节。

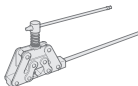
The standard connecting link for ANSI series detachable chains, also used on riveted chains where high speeds or arduous conditions are encountered. Supplied with two connecting pins riveted into the outer plate, the other outer plate being a press fit onto the pins and secured by split pins after assembly.

Press fit connecting links can only be used once; new links must always be used to replace dismantled links.



双弯板链节适用于大多数不同规格和种类的链条。该装置由一个内链节（第4号）和弯板链节组成，弯板链节始终被一个铆接销轴固定在适当的位置。

通过将Renold端部软化的销轴从外链板中压出，螺旋拆节器可以拆节。



对于其他品牌的链条，必须首先磨掉铆接的隆起部分。

Double cranked links are available for most sizes and types of chain. The unit consists of an inner link (No. 4), with cranked links retained permanently in position by a riveted bearing pin.

Screw operated extractors break chain by forcing the Renold end softened bearing pins out of the outer link plates. For other brands of chain, the rivet swell must first be ground away.

# Renold为客户解决问题的链条

## Solution Chains from Renold

## 耐磨寿命保证

### Renold Synergy Wear Life Guarantee

Renold Synergy®可以比你现在非Renold品牌的链条多3倍耐磨寿命\*，不然你下一条将会免费。就是这么简单  
如果你对现在非Renold品牌链条的工作寿命不满意，试试Renold Synergy®，你就会看到生产力的提高，维修时间的降低和成本的节约。  
我们给你的免费替换链条也会比非Renold品牌链条寿命显著地长。

Renold Synergy® will last three times longer in wear\* than your current non-Renold chain or your next chain is free. It's that simple  
If you're experiencing unsatisfactory working life from a non-Renold chain, try Renold Synergy® and you will see productivity increase, downtime cut and costs saved.  
We are so confident that it will significantly outlast any other non-Renold chain that we will give you a replacement chain free.

### 现在就是指定Renold Synergy®- 唯一高性能传动链的最佳时机

There has never been a better time to specify Renold Synergy® – the only high performance transmission chain.

对于这些工业应用和更多应用中Renold Synergy®改变了生产力和效率。

Renold Synergy® has transformed the productivity and efficiency of all these industrial applications and more.

- |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Pharmaceutical 医药</li><li>• Bottling 灌瓶</li><li>• Fruit Washing 水果清洗</li><li>• Iron &amp; Steel 钢铁</li><li>• Packaging 包装</li><li>• Confectionary 糖果</li><li>• Tyre Manufacture 轮胎生产</li><li>• Timber Processing 木材加工</li><li>• Textiles 纺织</li></ul> | <ul style="list-style-type: none"><li>• Pipe Handling Conveyor 管道输送</li><li>• Fibreglass Insulation 玻璃纤维安装</li><li>• Wood Board Processing 木板加工</li><li>• Breeze Block Manufacturing 煤渣块生产</li><li>• Bakery 面包</li><li>• Blast Freezer 气流冷冻器</li><li>• Wool Processing 羊毛加工</li><li>• Furnace Conveyor 炉子运输</li><li>• Steel Crusher 轧钢</li></ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

For more details on the Renold Synergy® Wear Life Guarantee, go to [renold.com/synergypromotion](http://renold.com/synergypromotion)  
更多关于Renold Synergy®磨损寿命保证内容 请访问[renold.com/synergypromotion](http://renold.com/synergypromotion)

\* Under normal operating conditions. For further information on the promotion and the manufacturer's recommendations please go to [renold.com/synergypromotion](http://renold.com/synergypromotion)  
基于正常操作条件。对于推广和生产推荐具体内容请访问 [renold.com/synergypromotion](http://renold.com/synergypromotion)



# Renold为客户解决问题的链条

## Solution Chains from Renold



### 链条为免润滑性能设立新标杆

The Renold Syno range sets a new benchmark for lube-free performance.

#### Renold Syno 镀镍链条

现在触摸干燥链条涵盖了比以往任何时候都要多的性能增强特征。使用最新的技术,Renold使用特殊表面处理来提高镀镍结合。这种类型的电镀不像其他镀镍链条一样易脆裂或剥落。

销轴的涂层可以经摩擦降至最低、延长耐磨使用寿命、减小振动；同时在滚子上使用的经FDA批准的涂料以及在链条内部采用的USDAH1批准的润滑油使它成为食品加工应用的理想选择。

- 触摸手感干燥的链条
- 无需再次润滑
- FDA批准滚子涂层
- 链板上的镀镍不会破裂或剥落
- 卓越的耐腐蚀性
- 在交付使用时，链条的内部已经有食品级的润滑油
- 链条均采用标准尺寸，因为可以实现“同类”互换
- 在标准的链轮上运转
- BS:1/2英寸到1 1/2英寸单排链和双排链(06B-1到24B-1和06B-2到24B-2)
- ANSI:1/2英寸到1 1/4英寸单排链和双排链(40-1到100-1和40-2到100-2)

**Renold Syno**镀镍链条在低润滑或无润滑方面比其他任何可比较的竞争者产品的使用时间都长。他的应用温度范围为零下20度到零上150度，也可提供200度以上的特殊类型。



Syno NP

#### Renold Syno PC chain

**Renold**为难以润滑或无法润滑的环境增加了一个**Syno**产品系列。最新的技术就是引进聚合物钢链。**Renold Syno PC**链条，包括一个聚合物内链节和不锈钢销轴和外片。

因其套筒或滚子不是金属，所以无需润滑来促进金属间的运动。这样就开辟了一个链条水下运作的应环境。

这种结构也代表链条是防腐蚀，重量轻和多用途。如有需要，外片上也可以固定附件。

- 无需润滑
- 可以在湿润的条件下操作，甚至水下。
- 轻量的结构
- 可以添加附件



Syno PC

#### Renold Syno PB chain

在较高载荷及重载型应用中，Renold Syno聚合物套筒链在销轴和套筒之间增加了一个聚合物衬套，这样链条就能够达到较高的耐磨损性及抗疲劳性。

- 绝对不含润滑油
- 耐用而且耐磨聚合物套筒 - Renold独有
- 聚合物滚子经过冲击和载荷能力测试
- 可以在没有润滑油的条件下运行
- 产品可以做28B-40B, ANSI120-200

最适用于不可能或者不便于润滑链条的情形。**Renold Syno**聚合物套筒链的应用如下：

- 露天或需要冲洗的应用环境
- 汽车装配厂或轧钢厂
- 润滑可能会污染产品的应用环境
- 林业、伐木厂或造纸厂
- 纺织厂
- 搅拌厂

润滑可能会使污染物质粘附在链条上，而且可能进入支撑部位，由此使链条受阻的应用环境。由于耐腐蚀的表面处理扩大了Renold Syno聚合物套筒链的应用范围，因此它是一种名副其实的多功能产品。



Syno PB

# Renold为客户解决问题的链条

## Solution Chains from Renold



The Renold Syno range sets a new benchmark for lube-free performance.

#### Renold Syno NP chain

This dry-to-the-touch chain now includes more performance enhancing characteristics than ever before. Using the latest techniques, Renold have incorporated special surface treatment processes to improve the bonding of the nickel plating. This type of plating is not prone to chipping or peeling as some other plated chains are prone to doing. The pin coating minimises friction, improving wear life and reducing vibration, while the FDA-approved coating on the roller and the USDA H1-approved lubricant within the chain make it ideal for food processing environments.

- Dry-to-the-touch chain
- Never needs relubrication
- FDA-approved coating on rollers
- Nickel-plating on plates won't chip or peel
- Good resistance to corrosion
- Food industry-approved lubricant inside chain when supplied
- Standard chain dimensions so can be exchanged "like for like"
- Will run on standard sprockets
- BS: ½" to 1½" simplex and duplex (06B-1 to 24B-1 and 06B-2 to 24B-2)
- ANSI: ½" to 1¼" simplex and duplex (40-1 to 100-1 and 40-2 to 100-2)

Renold Syno Nickel Plated chain outlasts any comparable competitor product promoted as low-lube or non-lube. It can be used in temperatures ranging from -20°C to 150°C. Special models for temperatures up to 200°C are also possible.

#### Renold Syno PC chain

Renold has added to its impressive Syno range of chain for applications where lubrication is either difficult or impractical. The latest element is the introduction of a poly-steel chain, Renold Syno PC chain, comprising a polymer inner link and stainless steel pins and outer plates.

With no metal bush or roller there is no lubricant required to facilitate metal-on-metal movement. This opens up applications where the chain could even run submerged in water if required.

This construction also means the chain is corrosion resistant, light weight and versatile. Attachments can be fitted to the outer plates if required.

- No lubrication required
- Can operate in wet conditions, even submerged
- Lightweight construction
- Attachments can be added

#### Renold Syno PB chain

For higher loads and more heavy-duty applications, the Renold Syno range takes on the serious business of wear and fatigue resistance through the addition of a polymer sleeve between the pin and bush.

- Absolutely no lubrication
- Highly durable and wear resistant polymer bush – exclusive to Renold
- Polymer roller tested for impact resistance and load capabilities
- Can be operated without any lubrication
- Available in 28B – 40B and ANSI 120 to 200

Ideal for applications where it is not possible or not advisable to lubricate a chain, Renold Syno Polymer Bush chain can be considered for:

- Outdoor or wash down environments
- Car assembly plants or steel mills
- Environments where lubrication may contaminate products
- Forestry; saw mills or paper mills
- Textile plants
- Mixers

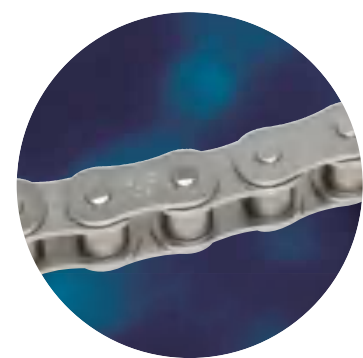
Environments where lubrication may cause contaminants to stick to the chain and possibly get into bearing areas, seizing up the chain.

With a corrosion resistant surface treatment adding to the variety of applications it can cope with, Renold Syno Polymer Bush chain is a truly versatile product.



# Renold为客户解决问题的链条

## Solution Chains from Renold



### 镀镍链

**Renold**镀镍链条提供卓越的防腐蚀性能。这类链条特殊的设计规范特别适合于洗瓶厂这种由于溢水可能导致链条生锈的应用。每一种调整都可以使得链条在防腐蚀的基础上提供最大的耐磨性和抗疲劳性。

#### 特征与优点

- 不含六价铬
- DIN 50021盐雾试验中400小时防锈保护
- 冷镦无缝套筒和滚柱提供了Renold最大性能
- 喷丸链板和滚柱达到我们精益求精的规范
- 耐磨性和抗疲劳性可以提供最大工作寿命
- 润滑可以提高抗磨损性能
- 抗拉强度大约是碳钢的85%

### Nickel Plated chain

Renold Nickel Plated chain delivers excellent corrosion protection. Ideal for applications such as bottling where spillages can lead to corrosion the specification for this chain is designed to optimise its performance. Every modification is made to push the wear and fatigue resistance to the maximum as well as delivering corrosion resistance.

#### Features and benefits:

- Hexavalent chrome free
- 400 hours corrosion protection during salt spray tests to DIN 50021
- Cold extruded, solid bush and roller delivering maximum Renold performance
- Plates and rollers shot peened to our exact specifications
- Wear and fatigue resistance that delivers maximum working life
- Lubrication that improves wear performance
- Tensile strength is approximately 85% that of standard carbon steel chain

# Renold为客户解决问题的链条

## Solution Chains from Renold



### 镀锌链

**Renold**新型镀锌链条。适用于轻度腐蚀的环境，新镀层保持统一外观，取代之前的黄色和蓝色染色，这样能够保证统一的耐腐蚀性。

每一个零件在装配前都镀过锌，链条因其新的表面处理，能够在一般负载下提高耐磨性。

#### 特征与优点

- 不含六价铬
- DIN 50021盐雾试验中250小时防锈保护
- 冷镦无缝套筒和滚子提供了**Renold**最大性能
- 喷丸链板和滚子达到我们精益求精的规范
- 耐磨性和抗疲劳性可以使工作寿命最大化
- 润滑可以提高抗磨损性能
- 拉力强度是标准碳钢链条的大约85%.

### Zinc Plated chain

This is a new zinc plating from Renold. Ideal for applications susceptible to light corrosion, the new plating has one consistent appearance, replacing the yellow and blue chromated versions previously available and delivering the same high levels of corrosion resistance.

Every component is plated before assembly and the chain has improved wear resistance under normal loads due to the new surface treatment.

#### Features and benefits:

- Hexavalent chrome free
- 250 hours corrosion protection during salt spray tests to DIN 50021
- Cold extruded, solid bush and roller delivering maximum Renold performance
- Plates and rollers shot peened to our exact specifications
- Wear and fatigue resistance that delivers maximum working life
- Lubrication that improves wear performance
- Tensile strength is approximately 85% that of standard carbon steel chain



### 不锈钢

Renold不锈钢链条，采用高规格不锈钢制造。

在酸性或碱性环境中，考虑直接接触食物和与水接触的情境下最适用这种链条，极高温或极低温的地方（-40度到+400度）以及有耐腐蚀要求的场合。

当抗化学反应的性能非常重要时，应该选择Renold不锈钢链。他采用得到FDA(美国食品与药品管理局)批准的材料制成，而且还使用得到USDA(美国农业部) H1批准的润滑剂实施了预润滑。

#### 特征与优点

- 所有零件都采用防锈钢材制成
- 所有零件都经过表面处理来消除压力
- 润滑可以改善耐磨性
- 拉力强度是标准碳钢链条的大约65%.

### Stainless Steel chain

Renold Stainless Steel chain is made from high grades of rust-proof steel.

These perform extremely well in environments that are acidic, alkaline, where direct contact with food is a consideration, where the chain will be exposed to water, and for very high or very low temperature locations ( -40° to +400°C ) where resistance to corrosion is a requirement.

Renold Stainless Steel chain should be selected when resistance to chemical action is critical.

It is manufactured using FDA approved material and is prelubricated with USDA H1 approved lubricant.

#### Features and benefits:

- All components made from rust-proof steel
- All components receive surface finishing to remove stress raisers
- Lubrication that improves wear performance
- Tensile strength is approximately 65% that of standard carbon steel chain



### Renold Hydro-Service

**Renold Hydro-Service**链条提供卓越的防腐蚀性，在需要处理水或盐雾的应用中比标准碳钢链多长达30倍的寿命。适用于冲洗环境。**Renold Hydro-Service**同样非常经济而且比不锈钢链条坚固。

每一个零件在装配前都经过机械镀锌工艺处理来确保持续提供防锈保护。表面处理方式不含六价铬，因此可以确保链条的安全性及环保性。

#### 特征与优点

- 卓越防腐蚀性能
- 比一般碳钢持续高达30倍寿命
- 不含六价铬
- DIN 50021盐雾试验中350小时防锈保护
- 冷镦无缝套筒和滚柱提供了**Renold**最大性能
- 喷丸链板和滚柱达到我们精益求精的规范
- 耐磨性和抗疲劳性可以提供最大工作寿命
- 润滑可以提高抗磨损性能

### Renold Hydro-Service

Renold Hydro-Service chain delivers superior corrosion resistance, lasting as much as 30 times longer than standard carbon steel in applications that have to deal with water or salt spray. It is ideal for wash-down environments. Hydro-Service chain is also more economical, and stronger, than stainless steel.

Each component is mechanically treated prior to assembly to ensure consistent, secure protection. The surface treatment is free of hexavalent chrome, complying with legislation relating to environmental and health & safety considerations.

#### Features and benefits:

- Superior corrosion resistance
- Last as much as 30 times longer than standard carbon steel
- Hexavalent chrome free
- 350 hours corrosion protection during salt spray tests to DIN 50021
- Cold extruded, solid bush and roller delivering maximum Renold performance
- Plates and rollers shot peened to our exact specifications
- Wear and fatigue resistance that delivers maximum working life
- Lubrication that improves wear performance



# Renold为客户解决问题的链条

## Solution Chains from Renold

### Renold Sovereign

一些应用需要一个特定解决方案。标准链条如果在艰苦的环境中运行就会严重导致降低使用寿命，链条失效和昂贵停机时间，而这些都可以用特别为此应用设计的链条所避免。在制砖、制瓦等可能出现陶瓷或水泥粉尘或碎屑的肮脏、多尘、高磨损的恶劣条件就是**Renold Sovereign**最适合的应用。**Renold Sovereign**包含一个特殊表面处理能够确保有更高的耐磨性。链条可以抵御灰尘和纤维渗入销轴，套筒和链板之间，而一般普通链条早已磨损。

#### 特征与优点

- 零部件富有弹性、坚固耐用
- 在恶劣环境中的耐磨寿命比标准链条长三倍
- 在恶劣环境中的耐磨寿命比低维护链条长四倍
- 降低销轴磨损
- 适用于高速或高载荷环境
- 可靠性强，由此大大降低维护费用
- 最适用于不定期维护或维护受限的环境

### Renold Klik-Top™

**Klik-Top™**聚合物块链可快速安装、具有较高的强度，它能够减少在采用普通聚合物块链时产生的高成本停机时间。

**Klik-Top™**链可以确保其可靠性及质量，并且达到最高的性价比。

最适合于输送诸如玻璃、木材及包装物等易碎物品。

**Klik-Top™**链是您可以信赖的产品。

#### 特征与优点

- 特别构造的新合成夹子
- 保护您的货物不受伤害，保护基础链不受过多磨损
- 用**Klik-Top™**机械快速更换夹子
- 缩短停机时间 - 提高生产力
- 可提供的基础链为08B-1, 12B-1 和16B-1
- 可提供免维护和不锈钢基础链
- 不同颜色夹子标明连接链节的位置

### Renold Sovereign

Some applications demand a specific solution. Trying to run a standard specification chain in a harsh environment will lead to dramatically reduced working life, possible chain failure and expensive downtime and all this can be avoided by specifying the chain that's designed for the job.

Abrasive environments such as brick and tile manufacture, which are characterised by dust and debris, are perfect examples of applications that demand the inclusion of Renold Sovereign chain. Renold Sovereign includes a particular surface treatment that ensures greatly increased wear resistance.

The chain is able to withstand the effect of dust and debris infiltrating the bearing areas between pins, bushes and plates, an effect that would quickly grind away a standard specification chain.

#### Features and benefits:

- Resilient, durable components
- Up to 3 times longer wear life than standard chain in harsh environments
- Up to 4 times longer wear life than low maintenance chain in harsh environments
- Reduced pin wear
- Suitable for high speed or heavy load applications
- Excellent reliability giving reduced maintenance costs
- Ideal for situations of irregular or restricted maintenance

### Renold Klik-Top™

Klik-Top™ polymer block chain is quick to install, strong, and will cut costly downtime experienced when using conventional polymer block chain.

Klik-Top™ chain ensures reliability, quality and great value for money.

Ideal for conveying delicate items such as glass, wood and packaging.

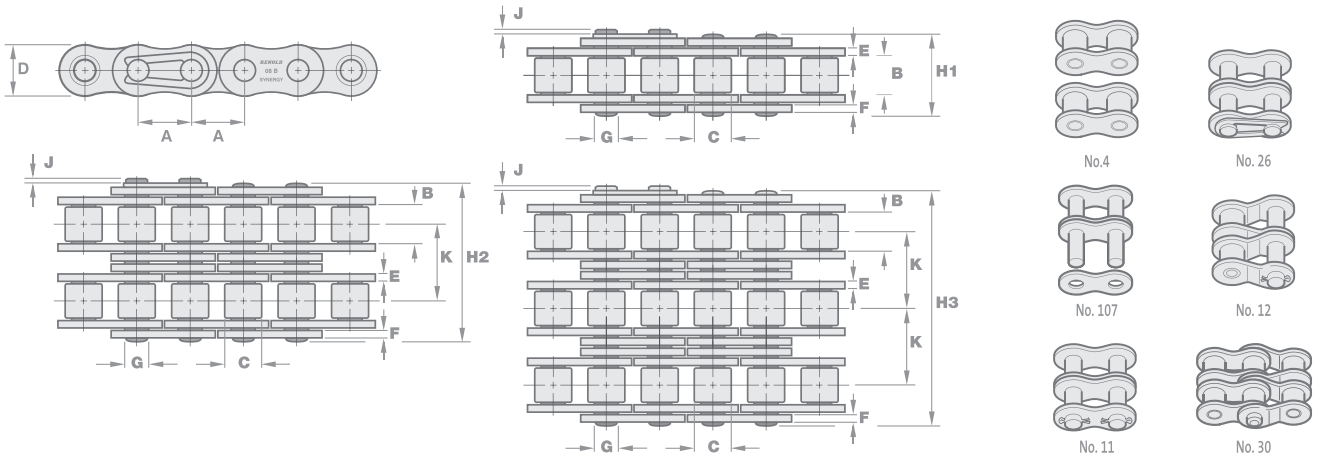
You can have confidence in Klik-Top™ chain.

#### Features and benefits:

- New synthetic clip with special profile
- Protecting your goods from damage and the base chain from wear
- Rapidly exchangeable clip using Klik-Top™ mechanism
- Increase your productivity by reducing downtime
- 08B-1, 12B-1 and 16B-1 base chains available
- Maintenance free and stainless base chains available
- Different coloured clip marks the position of a connecting link

# Renold Synergy®

## High Performance Chain 高性能链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                   |           | Connecting Links |  |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|-----------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight 重量 | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距（英寸）                            | 节距（毫米）     | 内节内宽最小值 MIN  | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止链件附加最大宽度 MAX        | 排距 NOM           | 最小拉力 MIN                          | kg/m      |                  |  |

#### European (BS) Standard - Simplex 欧洲 (BS) 标准 – 单排链

|          |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |      |   |           |
|----------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|------|---|-----------|
| GY06B1*  | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28  | 12.5 | 1.3 | - | 8900   | 0.39 | 4 | 107 26 30 |
| GY08B1   | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45  | 16.5 | 2.0 | - | 17800  | 0.70 | 4 | 107 26 30 |
| 111044   | -     | 0.500 | 12.700 | 3.30  | 7.75  | 9.60  | 1.13 | 0.98 | 4.09  | 9.8  | 2.0 | - | 8900   | 0.30 | 4 | 107 26 30 |
| 111046   | -     | 0.500 | 12.700 | 4.88  | 7.75  | 9.60  | 1.13 | 0.98 | 4.09  | 11.4 | 2.0 | - | 8900   | 0.35 | 4 | 107 26 30 |
| GY08B1NA | -     | 0.500 | 12.700 | 5.21  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45  | 14.5 | 2.0 | - | 17800  | 0.70 | 4 | 107 26 30 |
| GY10B1   | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08  | 18.8 | 2.5 | - | 22200  | 0.96 | 4 | 107 26 30 |
| GY10B1NA | -     | 0.625 | 15.875 | 6.48  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08  | 16.0 | 2.5 | - | 22200  | 0.81 | 4 | 107 26 30 |
| GY12B1   | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72  | 21.9 | 2.6 | - | 28900  | 1.22 | 4 | 107 26 30 |
| GY16B1   | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 4.12 | 3.10 | 8.28  | 34.9 | 2.2 | - | 60000  | 2.80 | 4 | 107 26 12 |
| GY20B1   | 20B-1 | 1.250 | 31.750 | 19.56 | 19.05 | 26.42 | 4.62 | 3.61 | 10.19 | 39.8 | 2.7 | - | 95000  | 3.85 | 4 | 107 26 12 |
| GY24B1   | 24B-1 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.10 | 5.08 | 14.63 | 52.6 | 6.8 | - | 160000 | 7.45 | 4 | 107 11 12 |

#### European (BS) Standard - Duplex 欧洲 (BS) 标准 – 双排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |   |           |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|---|-----------|
| GY06B2* | 06B-2 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28  | 23.0  | 1.3 | 10.24 | 16900  | 0.78  | 4 | 107 26 30 |
| GY08B2  | 08B-2 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45  | 30.4  | 2.0 | 13.92 | 31100  | 1.38  | 4 | 107 26 30 |
| GY10B2  | 10B-2 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08  | 35.4  | 2.5 | 16.59 | 44500  | 1.69  | 4 | 107 26 30 |
| GY12B2  | 12B-2 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72  | 41.4  | 2.6 | 19.46 | 57800  | 2.42  | 4 | 107 26 30 |
| GY16B2  | 16B-2 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 4.12 | 3.10 | 8.28  | 66.8  | 2.2 | 31.88 | 106000 | 5.50  | 4 | 107 26 12 |
| GY20B2  | 20B-2 | 1.250 | 31.750 | 19.56 | 19.05 | 26.42 | 4.62 | 3.61 | 10.19 | 76.7  | 2.7 | 36.45 | 170000 | 7.80  | 4 | 107 26 12 |
| GY24B2  | 24B-2 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.10 | 5.08 | 14.63 | 101.3 | 6.8 | 48.36 | 280000 | 14.80 | 4 | 107 11 12 |

\* Straight side plates 直板链

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given. 如果是在提升应用中用到套筒或滚子链，请下单前详细说明方可拿到相应的CE证书。

Also available in European (BS) Standard triplex chain

也可以提供欧洲(BS)标准三排链

询问更多信息：  
电话：400 826 1915  
邮箱：info.cn@renold.com  
www.renold.cn

Also available from Renold  
Renold也可以提供

Roll-Ring Page 70 Chain tensioner

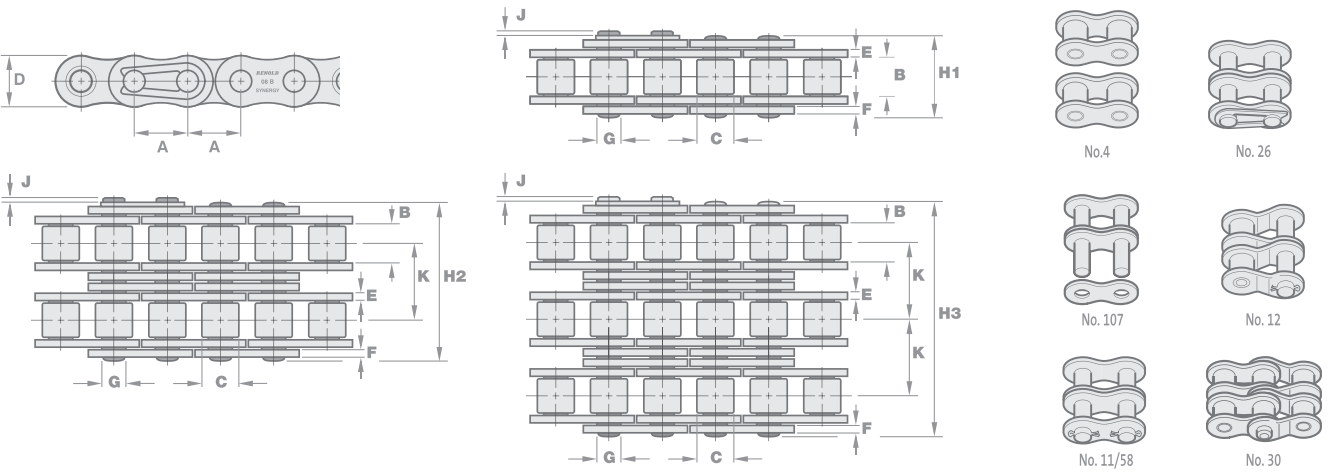
Roll-Ring 张紧器 见70页

拆节器可以徒手拆节见73页  
Pin Extractor Page 73 Cut chain by hand



Renold Synergy®

High Performance Chain 高性能链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |           |            |                      |                  |                         |        | Connecting Links |  |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-----------|------------|----------------------|------------------|-------------------------|--------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam. | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength | Weight | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽最小值      | 滚子最大直径       | 链板最大高度       | 内链板最大宽度           | 外链板最大宽度           | 销轴最大直径    | 销轴最大长度     | 止锁件附加最大宽度            | 间距               | (NEWTONS) 最小拉力          | kg/m   |                  |  |
|                  |          |                                    |            | MIN          | MAX          | MAX          | MAX               | MAX               | MAX       | MAX        | MAX                  | NOM              | MIN                     |        |                  |  |

ANSI Standard - Simplex ANSI标准 - 单排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |       |   |                    |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|-------|---|--------------------|
| GY35A1° | 35-1  | 0.375 | 9.525  | 4.68  | 5.08  | 8.60  | 1.29 | 1.29 | 3.59  | 12.0 | 1.7 | - | 7900   | 0.35  | 4 | 107 26 12 30       |
| GY40A1  | 40-1  | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97  | 16.4 | 2.1 | - | 13900  | 0.60  | 4 | 107 11 26 12 30 30 |
| GY50A1  | 50-1  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08  | 20.4 | 2.7 | - | 21800  | 1.00  | 4 | 107 11 26 12 30 30 |
| GY60A1  | 60-1  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94  | 25.3 | 2.6 | - | 31300  | 1.47  | 4 | 107 11 26 12 30 30 |
| GY80A1  | 80-1  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94  | 32.7 | 3.0 | - | 55600  | 2.80  | 4 | 107 11 58 12 12    |
| GY100A1 | 100-1 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54  | 39.7 | 4.2 | - | 87000  | 4.20  | 4 | 107 11 58 12 12 12 |
| GY120A1 | 120-1 | 1.500 | 38.100 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 49.3 | 5.3 | - | 125000 | 5.70  | 4 | 107 11 58 12 12 12 |
| GY140A1 | 140-1 | 1.750 | 44.450 | 25.23 | 25.40 | 42.23 | 5.61 | 5.61 | 12.71 | 52.9 | 5.2 | - | 170000 | 7.80  | 4 | 107 11 58 12 12 12 |
| GY160A1 | 160-1 | 2.000 | 50.800 | 31.55 | 28.58 | 48.26 | 6.35 | 6.35 | 14.29 | 63.1 | 6.5 | - | 223000 | 10.40 | 4 | 107 11 58 12 12 12 |

ANSI Standard - Duplex ANSI标准 - 双排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |   |                    |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|---|--------------------|
| GY35A2° | 35-2  | 0.375 | 9.525  | 4.68  | 5.08  | 8.60  | 1.29 | 1.29 | 3.59  | 22.2  | 1.7 | 10.13 | 15800  | 0.62  | 4 | 107 26 12 30 30    |
| GY40A2  | 40-2  | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97  | 30.8  | 2.1 | 14.38 | 27800  | 1.20  | 4 | 107 11 26 12 30 30 |
| GY50A2  | 50-2  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08  | 38.4  | 2.7 | 18.11 | 43600  | 1.98  | 4 | 107 11 26 12 30 30 |
| GY60A2  | 60-2  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94  | 48.1  | 2.6 | 22.78 | 62600  | 2.91  | 4 | 107 11 26 12 30 30 |
| GY80A2  | 80-2  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94  | 61.9  | 3.0 | 29.29 | 111200 | 5.50  | 4 | 107 11 58 12 12 12 |
| GY100A2 | 100-2 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54  | 75.4  | 4.2 | 35.76 | 174000 | 8.40  | 4 | 107 11 58 12 12 12 |
| GY120A2 | 120-2 | 1.500 | 38.100 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 94.7  | 5.3 | 45.44 | 250000 | 11.00 | 4 | 107 11 58 12 12 12 |
| GY140A2 | 140-2 | 1.750 | 44.450 | 25.23 | 25.40 | 42.23 | 5.61 | 5.61 | 12.71 | 101.8 | 5.2 | 48.87 | 340000 | 15.50 | 4 | 107 11 58 12 12 12 |
| GY160A2 | 160-2 | 2.000 | 50.800 | 31.55 | 28.58 | 48.26 | 6.35 | 6.35 | 14.29 | 121.6 | 6.5 | 58.55 | 446000 | 20.60 | 4 | 107 11 58 12 12 12 |

\* Bush Chain 套筒链

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given. 如果是在提升应用中用到套筒或滚子链，请下载前详细说明方可拿到相应的CE证书。

Also available in ANSI Standard triplex chain

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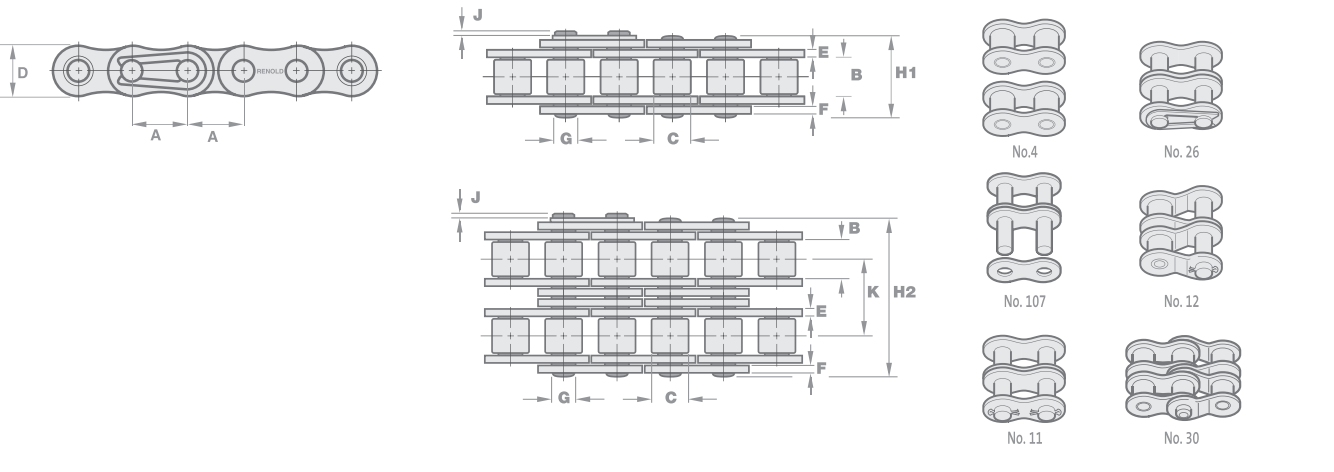
Roll-Ring Page 70  
Chain tensiometer

Roll-Ring 张紧器  
见70页

拆节器可以徒手拆节见73页  
Pin Extractor Page 73  
Cut chain by hand

Renold Syno®

Maintenance Free Chain 免维护链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |           |            |                      |                  |                                   |        | Connecting Links |  |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-----------|------------|----------------------|------------------|-----------------------------------|--------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam. | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径       | 链板最大高度       | 内链板最大宽度           | 外链板最大宽度           | 销轴最大直径    | 销轴最大长度     | 止锁件附加最大宽度            | 排距               | 最小拉力 MIN                          | kg/m   |                  |  |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |      |   |                    |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|------|---|--------------------|
| 06B1SN* | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28  | 12.5 | 1.1 | - | 8900   | 0.40 | 4 | 107 26 30          |
| 08B1SN  | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.81 | 1.55 | 4.45  | 17.0 | 2.0 | - | 17800  | 0.73 | 4 | 107 11 26 30 30    |
| 10B1SN  | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 2.04 | 1.55 | 5.08  | 19.6 | 1.4 | - | 22200  | 1.01 | 4 | 107 11 26 30 30    |
| 12B1SN  | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 2.42 | 1.81 | 5.72  | 23.6 | 2.5 | - | 28900  | 1.30 | 4 | 107 11 26 30 30    |
| 16B1SN  | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 20.20 | 3.76 | 3.06 | 8.27  | 35.0 | 3.0 | - | 60000  | 2.72 | 4 | 107 11 26 12 30 30 |
| 20B1SN  | 20B-1 | 1.250 | 31.750 | 19.56 | 19.05 | 25.30 | 4.46 | 4.16 | 10.17 | 41.4 | 2.1 | - | 95000  | 3.75 | 4 | 107 11 26 12 30 30 |
| 24B1SN  | 24B-1 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.08 | 4.88 | 14.63 | 52.6 | 5.1 | - | 160000 | 7.35 | 4 | 107 11 12 30 30    |

European (BS) Standard - Duplex 欧洲(BS)标准 - 双排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |   |                    |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|---|--------------------|
| 06B2SN* | 06B-2 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28  | 23.0  | 1.1 | 10.24 | 16900  | 0.76  | 4 | 107 26 30 30       |
| 08B2SN  | 08B-2 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.81 | 1.55 | 4.45  | 30.9  | 2.0 | 13.92 | 31100  | 1.40  | 4 | 107 11 26 30 30    |
| 10B2SN  | 10B-2 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 2.04 | 1.55 | 5.08  | 36.2  | 1.4 | 16.59 | 44500  | 1.93  | 4 | 107 11 26 30 30    |
| 12B2SN  | 12B-2 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 2.42 | 1.81 | 5.72  | 43.1  | 2.5 | 19.46 | 57800  | 2.47  | 4 | 107 11 26 30 30    |
| 16B2SN  | 16B-2 | 1.000 | 25.400 | 17.02 | 15.88 | 20.20 | 3.76 | 3.06 | 8.27  | 66.8  | 3.0 | 31.88 | 106000 | 5.40  | 4 | 107 11 26 12 30 30 |
| 20B2SN  | 20B-2 | 1.250 | 31.750 | 19.56 | 19.05 | 25.30 | 4.46 | 4.16 | 10.17 | 77.8  | 2.1 | 36.45 | 170000 | 7.06  | 4 | 107 11 26 12 30 30 |
| 24B2SN  | 24B-2 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.08 | 4.88 | 14.63 | 101.0 | 5.0 | 48.36 | 280000 | 14.70 | 4 | 107 11 12 30 30    |

\* Straight side plates 直板链

Standard attachments for Syno Nickel Plated chain are not dimensionally identical to those for standard transmission chain. Transverse pitch and width across attachment is different.

镀锌链条标准附件尺寸并一定等同于标准传输链。排距和跨越附件宽度不一样。

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Chain Wear Guide  
Page 73

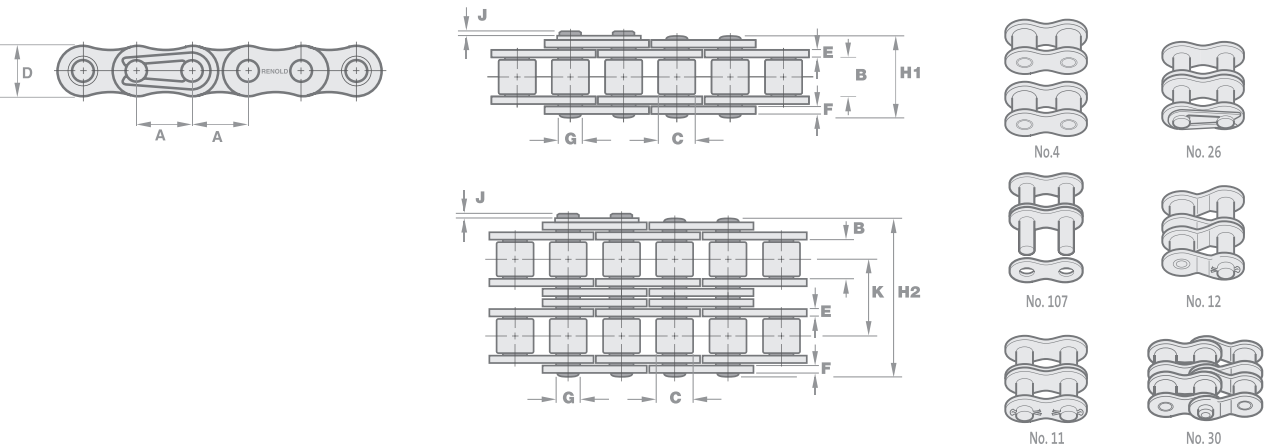
Roll-Ring Page 70  
Chain tensiometer

Roll-Ring 张紧器  
见70页

拆节器可以徒手拆节见73页  
Pin Extractor Page 73  
Cut chain by hand

Renold Syno®

Maintenance Free Chain 免维护链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                            | Connecting Links |          |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|--------------------------------------------|------------------|----------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 MIN | Weight 重量 kg/m   | 可提供的连接链节 |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              |                                            |                  |          |

ANSI Standard - Simplex ANSI 标准 - 单排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | K |       |      |                   |
|---------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|---|-------|------|-------------------|
| 40A1SN  | 40-1  | 0.500 | 12.700 | 7.85  | 7.92  | 11.70 | 1.76 | 1.55 | 3.97 | 16.9 | 2.0 | - | 13900 | 0.67 | 4 107 11 26 30    |
| 50A1SN  | 50-1  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.42 | 2.04 | 5.08 | 21.1 | 2.5 | - | 21800 | 1.12 | 4 107 11 26 30    |
| 60A1SN  | 60-1  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 3.23 | 2.45 | 5.95 | 27.0 | 2.5 | - | 31300 | 1.73 | 4 107 11 26 30    |
| 80A1SN  | 80-1  | 1.000 | 25.400 | 15.75 | 15.88 | 23.00 | 4.06 | 3.06 | 7.92 | 33.7 | 3.1 | - | 55600 | 2.90 | 4 107 11 26 12 30 |
| 100A1SN | 100-1 | 1.250 | 31.750 | 18.90 | 19.05 | 25.30 | 4.46 | 4.16 | 9.53 | 40.6 | 3.5 | - | 87000 | 3.61 | 4 107 11 12 30    |

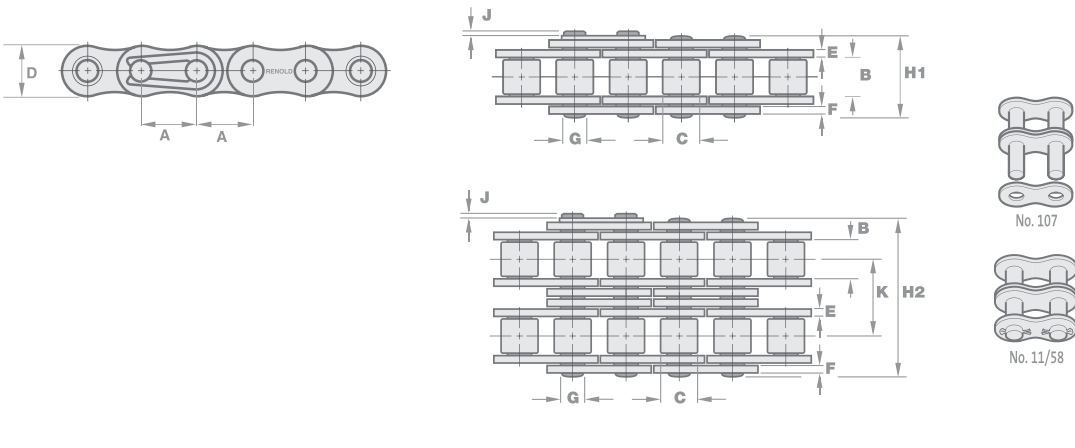
ANSI Standard - Duplex ANSI 标准 - 双排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G    | H2   | J   | K     |        |      |                   |
|---------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|-------|--------|------|-------------------|
| 40A2SN  | 40-2  | 0.500 | 12.700 | 7.85  | 7.92  | 11.70 | 1.76 | 1.55 | 3.97 | 31.3 | 2.0 | 14.38 | 27800  | 1.30 | 4 107 11 26 30    |
| 50A2SN  | 50-2  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.42 | 2.04 | 5.08 | 39.2 | 2.5 | 18.11 | 43600  | 2.11 | 4 107 11 26 30    |
| 60A2SN  | 60-2  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 3.23 | 2.45 | 5.95 | 49.8 | 2.5 | 22.78 | 62600  | 3.46 | 4 107 11 26 30    |
| 80A2SN  | 80-2  | 1.000 | 25.400 | 15.75 | 15.88 | 23.00 | 4.06 | 3.06 | 7.92 | 63.0 | 3.1 | 29.29 | 111200 | 5.60 | 4 107 11 26 12 30 |
| 100A2SN | 100-2 | 1.250 | 31.750 | 18.90 | 19.05 | 25.30 | 4.46 | 4.16 | 9.53 | 76.4 | 3.5 | 35.76 | 174000 | 6.95 | 4 107 11 12 30    |

Standard attachments for Syno Nickel Plated chain are not dimensionally identical to those for standard transmission chain. Transverse pitch and width across attachment is different. Syno镀镍链条标准附件尺寸并一定等同于标准传输链。排距和跨越附件宽度不一样。

Renold Syno®

Maintenance Free Chain 免维护链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                            | Connecting Links |          |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|--------------------------------------------|------------------|----------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 MIN | Weight 重量 kg/m   | 可提供的连接链节 |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              |                                            |                  |          |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|        |       | A    | A     | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |      |        |
|--------|-------|------|-------|-------|-------|-------|------|------|-------|------|-----|---|--------|------|--------|
| 28B1SP | 28B-1 | 1.75 | 44.45 | 30.99 | 27.94 | 37.08 | 7.62 | 6.35 | 12.71 | 64.2 | 6.8 | - | 200000 | 8.1  | 107 11 |
| 32B1SP | 32B-1 | 2.00 | 50.80 | 30.99 | 29.21 | 42.29 | 7.11 | 6.35 | 14.29 | 63.4 | 8.0 | - | 250000 | 10.1 | 107 11 |
| 40B1SP | 40B-1 | 2.50 | 63.50 | 39.30 | 39.37 | 52.96 | 8.13 | 8.13 | 19.85 | 78.2 | 9.5 | - | 355000 | 14.3 | 107 11 |

European (BS) Standard - Duplex 欧洲(BS)标准 - 双排链

|        |       | A    | A     | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |      |        |
|--------|-------|------|-------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|------|--------|
| 28B2SP | 28B-2 | 1.75 | 44.45 | 30.99 | 27.94 | 37.08 | 7.62 | 6.35 | 12.71 | 123.7 | 6.8 | 59.56 | 360000 | 15.9 | 107 11 |
| 32B2SP | 32B-2 | 2.00 | 50.80 | 30.99 | 29.21 | 42.29 | 7.11 | 6.35 | 14.29 | 122.0 | 8.0 | 58.55 | 450000 | 17.1 | 107 11 |
| 40B2SP | 40B-2 | 2.50 | 63.50 | 39.30 | 39.37 | 52.96 | 8.13 | 8.13 | 19.85 | 150.5 | 9.5 | 72.29 | 694000 | 27.1 | 107 11 |

| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                            | Connecting Links |          |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|--------------------------------------------|------------------|----------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 MIN | Weight 重量 kg/m   | 可提供的连接链节 |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              |                                            |                  |          |

ANSI Standard - Simplex ANSI 标准 - 单排链

|         |       | A    | A     | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |      |           |
|---------|-------|------|-------|-------|-------|-------|------|------|-------|------|-----|---|--------|------|-----------|
| 120A1SP | 120-1 | 1.50 | 38.10 | 25.50 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 49.3 | 5.3 | - | 125000 | 5.2  | 107 11 58 |
| 140A1SP | 140-1 | 1.75 | 44.45 | 25.73 | 25.40 | 42.23 | 5.61 | 5.61 | 12.71 | 52.9 | 5.2 | - | 170000 | 6.8  | 107 11    |
| 160A1SP | 160-1 | 2.00 | 50.80 | 31.55 | 28.58 | 48.26 | 6.35 | 6.35 | 14.29 | 63.1 | 6.5 | - | 223000 | 8.9  | 107 11 58 |
| 200A1SP | 200-1 | 2.50 | 63.50 | 38.00 | 39.67 | 60.33 | 8.13 | 8.13 | 19.85 | 76.9 | 9.0 | - | 347000 | 14.6 | 107 11 58 |

ANSI Standard - Duplex ANSI 标准 - 双排链

|         |       | A    | A     | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |      |           |
|---------|-------|------|-------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|------|-----------|
| 120A2SP | 120-2 | 1.50 | 38.10 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 94.7  | 5.3 | 45.44 | 250000 | 10.3 | 107 11 58 |
| 140A2SP | 140-2 | 1.75 | 44.45 | 25.23 | 25.40 | 42.23 | 5.61 | 5.61 | 12.71 | 101.8 | 5.2 | 48.87 | 340000 | 13.9 | 107 11 58 |
| 160A2SP | 160-2 | 2.00 | 50.80 | 31.55 | 28.58 | 48.26 | 6.35 | 6.35 | 14.29 | 121.6 | 6.5 | 58.55 | 446000 | 17.6 | 107 11 58 |
| 200A2SP | 200-2 | 2.50 | 63.50 | 37.85 | 39.67 | 60.33 | 8.13 | 8.13 | 19.85 | 148.5 | 9.0 | 71.55 | 694000 | 28.9 | 107 11 58 |

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Chain Wear Guide Page 73



简单测量链条延长 Measure chain extension easily 链条量规见73页

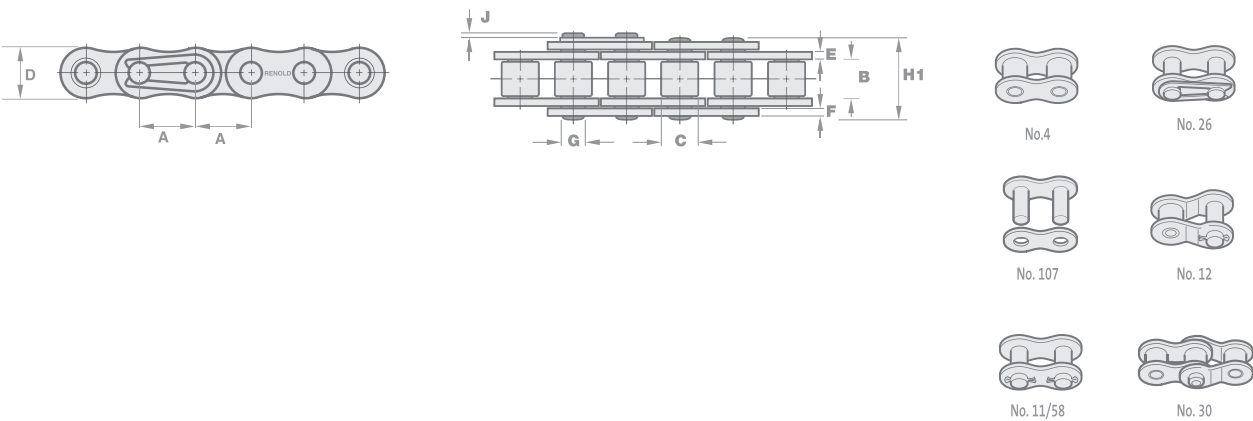


Roll-Ring Page 70 Chain tensioner Roll-Ring 张紧器 见70页



# Renold Syno® PC

Maintenance Free Chain 免维护链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |

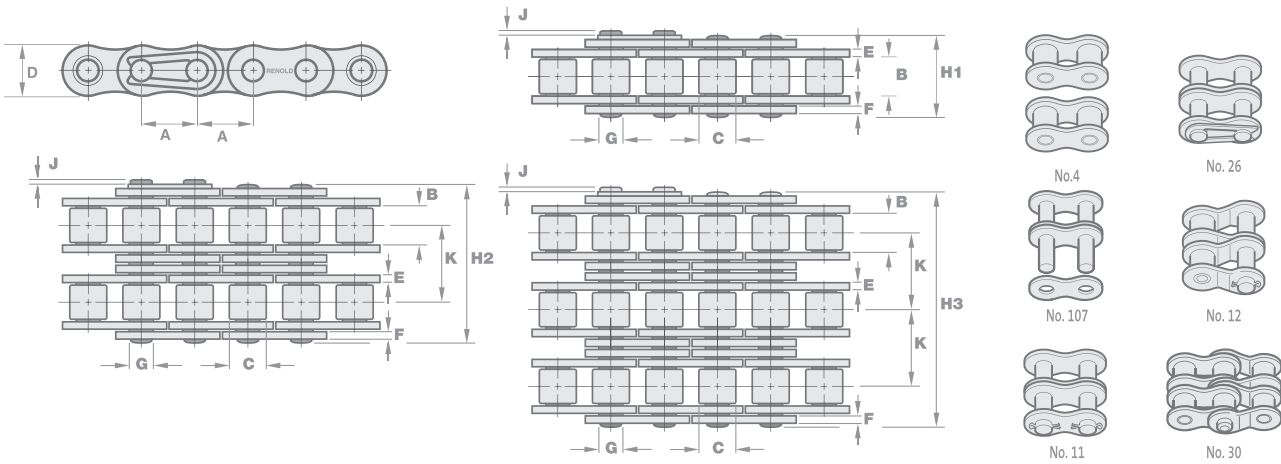
European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|         |       | A     | A      | B    | C    | D     | E    | F    | G    | H1   | J | K |      |      |             |
|---------|-------|-------|--------|------|------|-------|------|------|------|------|---|---|------|------|-------------|
| 1215359 | 06B-1 | 0.375 | 9.525  | 5.72 | 6.35 | 8.20  | 1.30 | 1.04 | 3.28 | 12.5 | - | - | 800  | 0.22 | 4 107 26 12 |
| 1215360 | 08B-1 | 0.500 | 12.700 | 7.75 | 8.51 | 11.50 | 1.80 | 1.55 | 4.45 | 16.5 | - | - | 1600 | 0.38 | 4 107 11 26 |

也可按要求提供ANSI尺寸  
ANSI sizes available on request

# Renold Hydro-Service

Corrosion Resistant Chain 防腐蚀链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |      |             |
|--------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|------|-------------|
| 06B1HS | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.26  | 1.30 | 1.04 | 3.28  | 13.5 | 3.3 | - | 8900   | 0.39 | 4 107 26 30 |
| 08B1HS | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.81 | 1.55 | 1.55 | 4.45  | 17.0 | 3.9 | - | 17800  | 0.70 | 4 107 26 30 |
| 10B1HS | 10B-1 | 0.625 | 15.880 | 9.65  | 10.16 | 14.73 | 1.55 | 1.55 | 5.08  | 18.8 | 1.3 | - | 22200  | 0.92 | 4 107 26 30 |
| 12B1HS | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.13 | 1.80 | 1.80 | 5.72  | 21.9 | 1.1 | - | 28900  | 1.20 | 4 107 26 30 |
| 16B1HS | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.76 | 3.10 | 8.28  | 36.1 | 5.4 | - | 60000  | 2.80 | 4 107 26 12 |
| 20B1HS | 20B-1 | 1.250 | 31.750 | 19.56 | 19.05 | 26.42 | 4.62 | 3.61 | 10.19 | 43.2 | 6.1 | - | 95000  | 3.85 | 4 107 26 12 |
| 24B1HS | 24B-1 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.10 | 5.08 | 14.63 | 53.4 | 6.6 | - | 160000 | 7.45 | 4 107 11 12 |

European (BS) Standard - Duplex 欧洲(BS)标准 - 双排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |             |
|--------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|-------------|
| 06B2HS | 06B-2 | 0.375 | 9.525  | 5.72  | 6.35  | 8.26  | 1.30 | 1.04 | 3.28  | 23.0  | 1.3 | 10.24 | 16900  | 0.74  | 4 107 26 30 |
| 08B2HS | 08B-2 | 0.500 | 12.700 | 7.75  | 8.51  | 11.81 | 1.55 | 1.55 | 4.45  | 30.4  | 1.5 | 13.92 | 31100  | 1.38  | 4 107 26 30 |
| 10B2HS | 10B-2 | 0.625 | 15.875 | 9.65  | 10.16 | 14.73 | 1.55 | 1.55 | 5.08  | 35.4  | 1.3 | 16.59 | 44500  | 1.80  | 4 107 26 30 |
| 12B2HS | 12B-2 | 0.750 | 19.050 | 11.68 | 12.07 | 16.13 | 1.80 | 1.80 | 5.72  | 41.4  | 1.1 | 19.46 | 57800  | 2.40  | 4 107 26 30 |
| 16B2HS | 16B-2 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.76 | 3.10 | 8.28  | 68.0  | 5.4 | 31.88 | 106000 | 5.50  | 4 107 26 12 |
| 20B2HS | 20B-2 | 1.250 | 31.750 | 19.56 | 19.05 | 26.42 | 4.62 | 3.61 | 10.19 | 76.7  | 2.7 | 36.45 | 170000 | 7.80  | 4 107 26 12 |
| 24B2HS | 24B-2 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.10 | 5.08 | 14.63 | 101.3 | 6.8 | 48.36 | 280000 | 14.80 | 4 107 11 12 |

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Chain Wear Guide Page 73



简单测量链条延长  
Measure chain extension easily  
链条量规见73页



Roll-Ring Page 70 Chain tensioner  
Roll-Ring 张紧器见70页

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Chain Wear Guide Page 73



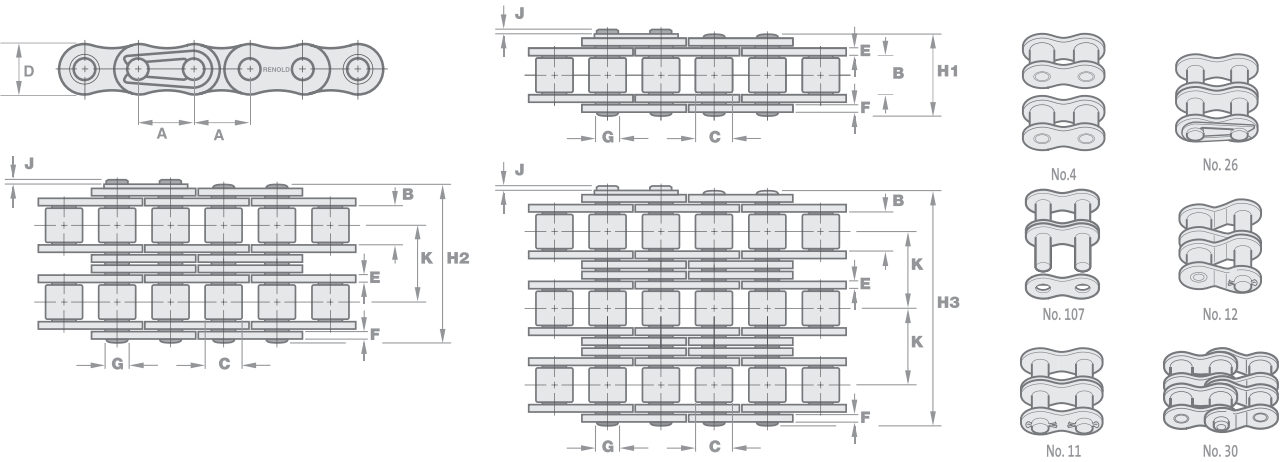
简单测量链条延长  
Measure chain extension easily  
链条量规见73页



Roll-Ring Page 70 Chain tensioner  
Roll-Ring 张紧器见70页

Renold Hydro-Service

Corrosion Resistant Chain  防腐链条



| Chain Ref.       |          | Technical Details (mm)  详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |  |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |  |

ANSI Standard - Simplex    ANSI 标准 - 单排链

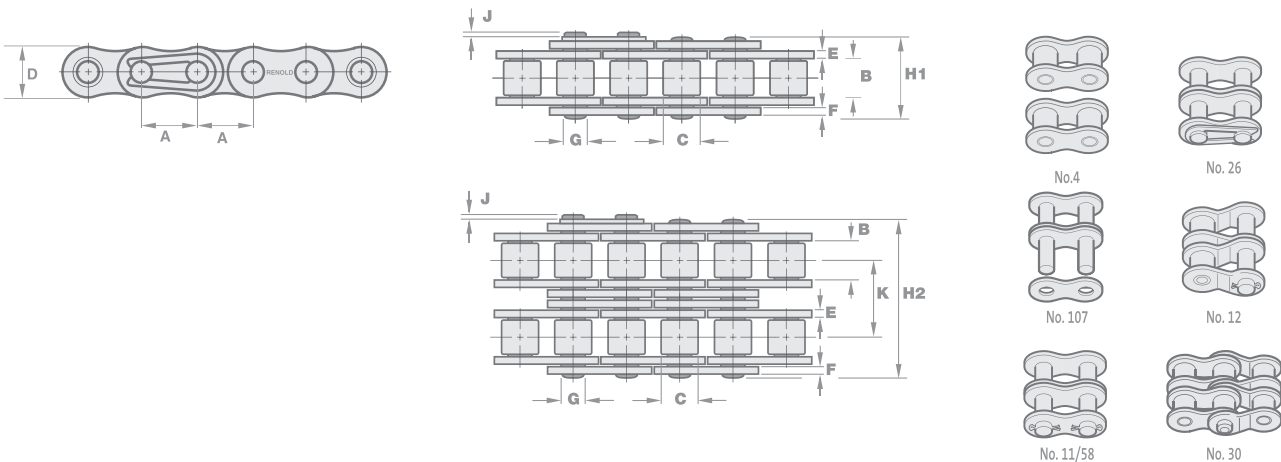
|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |      |   |              |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|------|---|--------------|
| 25A1HS  | 25-1  | 0.250 | 6.350  | 3.10  | 3.30  | 6.02  | 0.76 | 0.76 | 2.30  | 8.6  | 0.8 | - | 3500   | 0.13 | 4 | 107 30       |
| 35A1HS  | 35-1  | 0.375 | 9.525  | 4.68  | 5.08  | 9.05  | 1.30 | 1.30 | 3.59  | 12.0 | 1.1 | - | 7900   | 0.33 | 4 | 107 26 30    |
| 40A1HS  | 40-1  | 0.500 | 12.700 | 7.85  | 7.92  | 12.07 | 1.55 | 1.55 | 3.98  | 16.4 | 1.4 | - | 13900  | 0.60 | 4 | 107 11 26 30 |
| 50A1HS  | 50-1  | 0.625 | 15.875 | 9.40  | 10.16 | 15.09 | 2.03 | 2.03 | 5.09  | 20.4 | 1.1 | - | 21800  | 1.00 | 4 | 107 11 26 30 |
| 60A1HS  | 60-1  | 0.750 | 19.050 | 12.57 | 11.91 | 18.10 | 2.39 | 2.39 | 5.96  | 25.3 | 1.1 | - | 31300  | 1.47 | 4 | 107 11 26 30 |
| 80A1HS  | 80-1  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94  | 32.7 | 3.0 | - | 55600  | 2.80 | 4 | 107 11 26 12 |
| 100A1HS | 100-1 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54  | 39.7 | 4.2 | - | 87000  | 4.20 | 4 | 107 11 26 12 |
| 120A1HS | 120-1 | 1.500 | 38.100 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 49.3 | 5.3 | - | 125000 | 5.70 | 4 | 107 11 26 12 |

ANSI Standard - Duplex    ANSI 标准 - 双排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H2   | J   | K     |        |       |   |              |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|-------|--------|-------|---|--------------|
| 25A2HS  | 25-2  | 0.250 | 6.350  | 3.10  | 3.30  | 6.02  | 0.76 | 0.76 | 2.30  | 15.5 | 0.8 | 6.40  | 7000   | 0.26  | 4 | 107 30       |
| 35A2HS  | 35-2  | 0.375 | 9.525  | 4.68  | 5.08  | 9.05  | 1.30 | 1.30 | 3.59  | 22.2 | 1.1 | 10.13 | 15800  | 0.65  | 4 | 107 26 30    |
| 40A2HS  | 40-2  | 0.500 | 12.700 | 7.85  | 7.92  | 12.07 | 1.55 | 1.55 | 3.98  | 30.8 | 1.4 | 14.38 | 27800  | 1.20  | 4 | 107 11 26 30 |
| 50A2HS  | 50-2  | 0.625 | 15.875 | 9.40  | 10.16 | 15.09 | 2.03 | 2.03 | 5.09  | 38.4 | 1.1 | 18.11 | 43600  | 2.10  | 4 | 107 11 26 30 |
| 60A2HS  | 60-2  | 0.750 | 19.050 | 12.57 | 11.91 | 18.10 | 2.39 | 2.39 | 5.96  | 48.1 | 1.1 | 22.78 | 62600  | 3.05  | 4 | 107 11 26 30 |
| 80A2HS  | 80-2  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94  | 61.9 | 3.0 | 29.29 | 111200 | 5.50  | 4 | 107 11 26 12 |
| 100A2HS | 100-2 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54  | 75.4 | 4.2 | 35.76 | 174000 | 8.40  | 4 | 107 11 26 12 |
| 120A2HS | 120-2 | 1.500 | 38.100 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 94.7 | 5.3 | 45.44 | 250000 | 11.00 | 4 | 107 11 26 12 |

Renold Stainless Steel Chain  不锈钢链条

Corrosion Resistant Chain  防腐链条



| Chain Ref.       |          | Technicl Details (mm)  详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |  |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |  |

European (BS) Standard - Simplex    欧洲(BS)标准 - 单排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | K |       |      |   |           |
|--------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|---|-------|------|---|-----------|
| 05B1SS | 05B-1 | 0.315 | 8.000  | 3.00  | 5.00  | 7.11  | 0.76 | 0.76 | 2.31 | 8.6  | 1.5 | - | 3200  | 0.18 | 4 | 107 26    |
| 06B1SS | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28 | 13.5 | 1.3 | - | 5300  | 0.39 | 4 | 107 26 12 |
| 08B1SS | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45 | 16.5 | 2.0 | - | 10700 | 0.70 | 4 | 107 11 26 |
| 10B1SS | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.70 | 1.70 | 5.08 | 19.6 | 2.5 | - | 13300 | 0.96 | 4 | 107 11 26 |
| 12B1SS | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72 | 22.6 | 2.6 | - | 17300 | 1.22 | 4 | 107 11 26 |
| 16B1SS | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 20.20 | 4.00 | 3.00 | 8.28 | 35.7 | 2.2 | - | 36000 | 2.70 | 4 | 107 11 26 |

European (BS) Standard - Duplex    欧洲(BS)标准 - 双排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G    | H2   | J   | K     |       |      |   |           |
|--------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|-------|-------|------|---|-----------|
| 06B2SS | 06B-2 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28 | 22.7 | 1.3 | 10.24 | 11000 | 0.78 | 4 | 107 26 12 |
| 08B2SS | 08B-2 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45 | 30.4 | 2.0 | 13.92 | 20800 | 1.38 | 4 | 107 11 26 |
| 10B2SS | 10B-2 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08 | 35.4 | 2.5 | 16.59 | 29400 | 1.69 | 4 | 107 11 26 |
| 12B2SS | 12B-2 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72 | 41.4 | 2.6 | 19.46 | 34700 | 2.42 | 4 | 107 11 26 |
| 16B2SS | 16B-2 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.70 | 3.00 | 8.28 | 66.8 | 2.2 | 31.88 | 70000 | 5.40 | 4 | 107 11 26 |

ANSI Standard - Simplex    ANSI 标准 - 单排链

|        |      | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | K |       |      |   |                 |
|--------|------|-------|--------|-------|-------|-------|------|------|------|------|-----|---|-------|------|---|-----------------|
| 25A1SS | 25-1 | 0.250 | 6.350  | 3.10  | 3.30  | 5.90  | 0.76 | 0.76 | 2.30 | 7.9  | 1.2 | - | 2500  | 0.12 | 4 | 107 26 30       |
| 35A1SS | 35-1 | 0.375 | 9.525  | 4.68  | 5.08  | 8.60  | 1.29 | 1.29 | 3.59 | 12.5 | 1.7 | - | 4700  | 0.35 | 4 | 107 26 12 30    |
| 40A1SS | 40-1 | 0.500 | 12.700 | 7.85  | 7.92  | 12.00 | 1.55 | 1.55 | 3.97 | 16.4 | 2.1 | - | 8300  | 0.60 | 4 | 107 11 26 12 30 |
| 50A1SS | 50-1 | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08 | 20.4 | 2.7 | - | 13100 | 1.00 | 4 | 107 26 12 26 12 |
| 60A1SS | 60-1 | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94 | 25.3 | 2.6 | - | 18800 | 1.47 | 4 | 107 11 26 12 30 |
| 80A1SS | 80-1 | 1.000 | 25.400 | 15.75 | 15.88 | 24.12 | 3.00 | 3.00 | 7.94 | 33.7 | 3.0 | - | 33400 | 2.60 | 4 | 107 11 26       |

ANSI Standard - Duplex    ANSI 标准 - 双排链

|        |      | A     | A      | B     | C     | D     | E    | F    | G    | H2   | J   | K     |       |      |   |           |
|--------|------|-------|--------|-------|-------|-------|------|------|------|------|-----|-------|-------|------|---|-----------|
| 35A2SS | 35-2 | 0.375 | 9.525  | 4.68  | 5.08  | 8.60  | 1.29 | 1.29 | 3.59 | 22.2 | 1.7 | 10.13 | 11000 | 0.62 | 4 | 107 11 26 |
| 40A2SS | 40-2 | 0.500 | 12.700 | 7.85  | 7.92  | 12.00 | 1.55 | 1.55 | 3.97 | 30.8 | 2.1 | 14.38 | 19700 | 1.20 | 4 | 107 11 26 |
| 50A2SS | 50-2 | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08 | 38.4 | 2.7 | 18.11 | 30400 | 1.98 | 4 | 107 11 26 |
| 60A2SS | 60-2 | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94 | 48.1 | 2.6 | 22.78 | 38100 | 2.91 | 4 | 107 11 26 |
| 80A2SS | 80-2 | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.00 | 3.00 | 7.93 | 62.7 | 5.4 | 29.29 | 78000 | 5.01 | 4 | 107 11    |

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Roll-Ring Page 70  
Chain tensioner



Roll-Ring 张紧器  
见70页

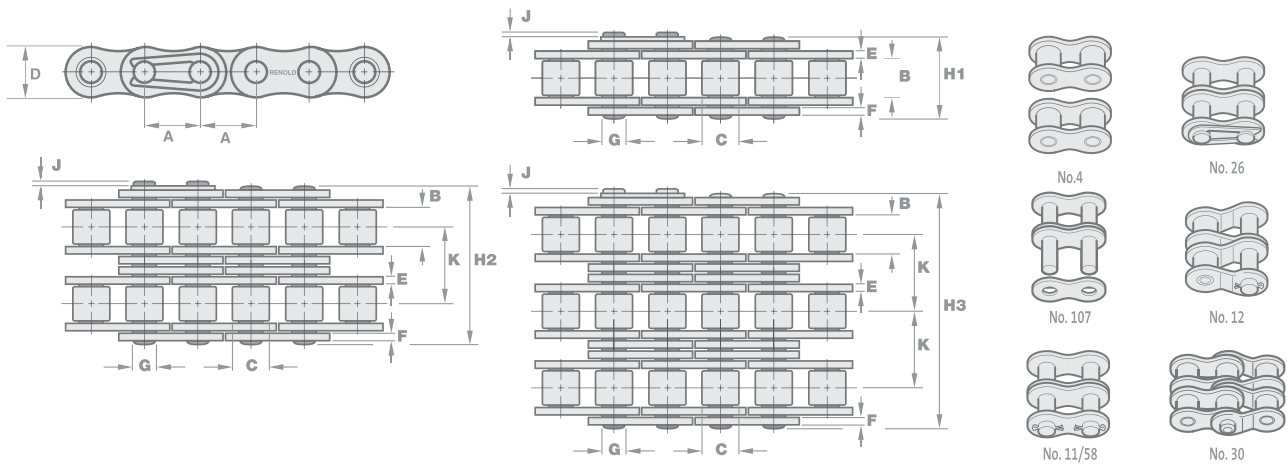


Nickel Plated Chain

Corrosion Resistant Chain

镀镍链条

防腐蚀链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |           |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-----------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam. | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径       | 链板最大高度       | 内链板最大宽度           | 外链板最大宽度           | 销轴最大直径    | 销轴最大长度     | 止锁件附加最大宽度            | NOM              | 最小拉力 MIN                          | kg/m   |                  |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |       |             |
|--------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|-------|-------------|
| 06B1VN | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28  | 12.5 | 0.8 | - | 7565   | 0.39  | 4 107 26 30 |
| 08B1VN | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45  | 16.5 | 2.0 | - | 15130  | 0.70  | 4 107 26 30 |
| 10B1VN | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08  | 18.8 | 2.5 | - | 18870  | 0.96  | 4 107 26 30 |
| 12B1VN | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72  | 21.9 | 2.6 | - | 24565  | 1.22  | 4 107 26 30 |
| 16B1VN | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 4.12 | 3.10 | 8.28  | 34.9 | 2.2 | - | 51000  | 2.80  | 4 107 26 12 |
| 20B1VN | 20B-1 | 1.250 | 31.750 | 19.56 | 19.05 | 26.42 | 4.62 | 3.61 | 10.19 | 39.8 | 2.7 | - | 95000  | 3.85  | 4 107 26 12 |
| 24B1VN | 24B-1 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.10 | 5.08 | 14.63 | 52.6 | 6.8 | - | 136000 | 7.45  | 4 107 11 12 |
| 28B1VN | 28B-1 | 1.750 | 44.450 | 30.99 | 27.94 | 37.08 | 7.62 | 6.35 | 15.90 | 64.2 | 6.8 | - | 170000 | 9.35  | 4 107 11 12 |
| 32B1VN | 32B-1 | 2.000 | 50.800 | 30.99 | 29.21 | 42.29 | 7.11 | 6.35 | 17.81 | 63.4 | 8.0 | - | 212500 | 10.10 | 4 107 11 12 |

ANSI Standard - Simplex ANSI 标准 - 单排链

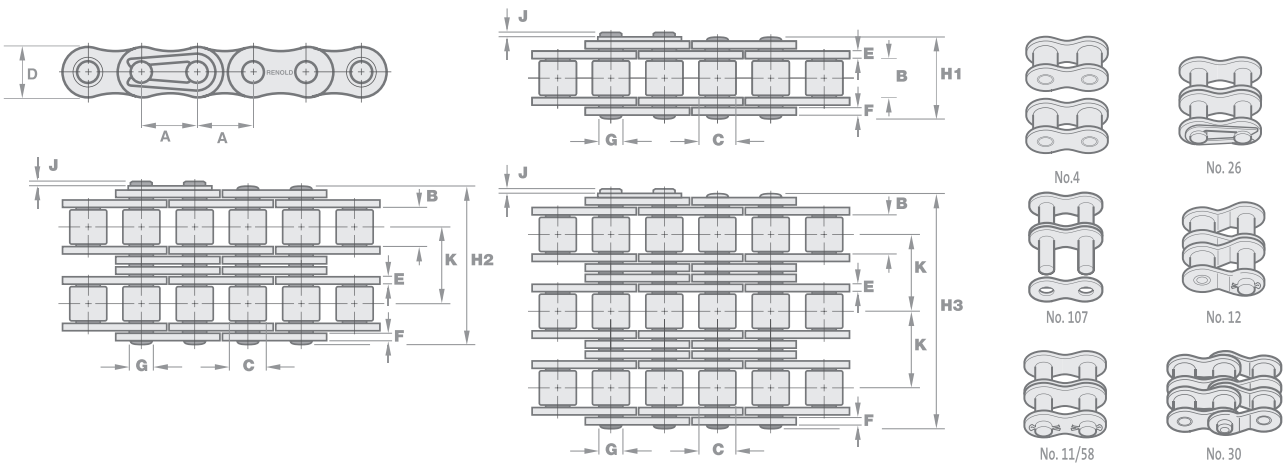
|         |       | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | K |       |      |                   |
|---------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|---|-------|------|-------------------|
| 40A1VN  | 40-1  | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97 | 16.4 | 2.1 | - | 11815 | 0.60 | 4 107 11 26 12 30 |
| 50A1VN  | 50-1  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08 | 20.4 | 2.7 | - | 18530 | 1.00 | 4 107 11 26 12 30 |
| 60A1VN  | 60-1  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94 | 25.3 | 2.6 | - | 26605 | 1.47 | 4 107 11 26 12 30 |
| 80A1VN  | 80-1  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94 | 32.7 | 3.0 | - | 47260 | 2.80 | 4 107 11 58 12    |
| 100A1VN | 100-1 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54 | 39.7 | 4.2 | - | 73950 | 4.20 | 4 107 11 58 12    |

Zinc Plated Chain

Corrosion Resistant Chain

镀锌链条

防腐蚀链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |           |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-----------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam. | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径       | 链板最大高度       | 内链板最大宽度           | 外链板最大宽度           | 销轴最大直径    | 销轴最大长度     | 止锁件附加最大宽度            | NOM              | 最小拉力 MIN                          | kg/m   |                  |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | K |       |      |             |
|--------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|---|-------|------|-------------|
| 06B1SZ | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28 | 12.5 | 1.3 | - | 7565  | 0.39 | 4 107 26 30 |
| 08B1SZ | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45 | 16.5 | 1.0 | - | 15130 | 0.70 | 4 107 26 30 |
| 10B1SZ | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08 | 19.2 | 1.3 | - | 18870 | 0.96 | 4 107 26 30 |
| 12B1SZ | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72 | 21.9 | 2.6 | - | 24565 | 1.22 | 4 107 26 30 |
| 16B1SZ | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.70 | 3.10 | 8.28 | 35.4 | 1.8 | - | 48000 | 2.80 | 4 107 26 12 |

也可按要求提供ANSI尺寸  
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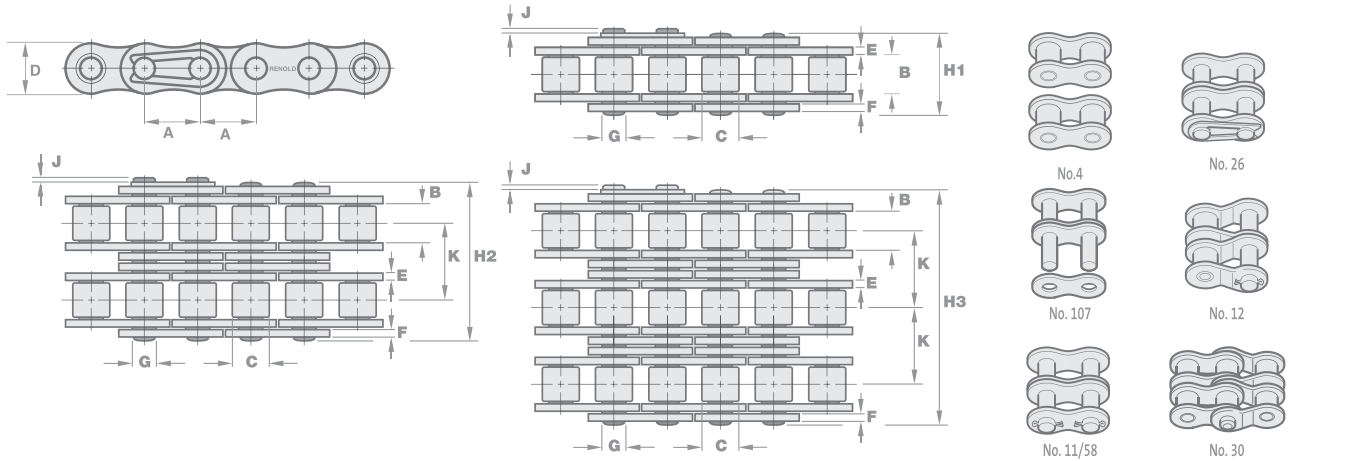


Renold Sovereign

Abrasion Resistant Chain 防磨蚀链条

Renold Roller Chain

Premier standard chain 卓越标准链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                            |                | Connecting Links |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|--------------------------------------------|----------------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 MIN | Weight 重量 kg/m | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              |                                            |                |                  |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | K |       |      |             |
|--------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|---|-------|------|-------------|
| 08B1SO | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45 | 16.5 | 2.0 | - | 17800 | 0.70 | 4 107 26 30 |
| 10B1SO | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08 | 18.8 | 2.5 | - | 22200 | 0.96 | 4 107 26 30 |
| 12B1SO | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72 | 21.9 | 2.6 | - | 28900 | 1.22 | 4 107 26 30 |
| 16B1SO | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.76 | 3.10 | 8.28 | 34.9 | 2.2 | - | 60000 | 2.80 | 4 107 26 12 |

European (BS) Standard - Duplex 欧洲(BS)标准 - 双排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G    | H2   | J   | K     |        |      |             |
|--------|-------|-------|--------|-------|-------|-------|------|------|------|------|-----|-------|--------|------|-------------|
| 08B2SO | 08B-2 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55 | 1.55 | 4.45 | 30.4 | 2.0 | 13.92 | 31100  | 1.38 | 4 107 26 30 |
| 10B2SO | 10B-2 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 5.08 | 35.4 | 2.5 | 16.59 | 44500  | 1.69 | 4 107 26 30 |
| 12B2SO | 12B-2 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81 | 1.81 | 5.72 | 41.4 | 2.6 | 19.46 | 57800  | 2.42 | 4 107 26 30 |
| 16B2SO | 16B-2 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.76 | 3.10 | 8.28 | 66.8 | 2.2 | 31.88 | 106000 | 5.50 | 4 107 26 12 |

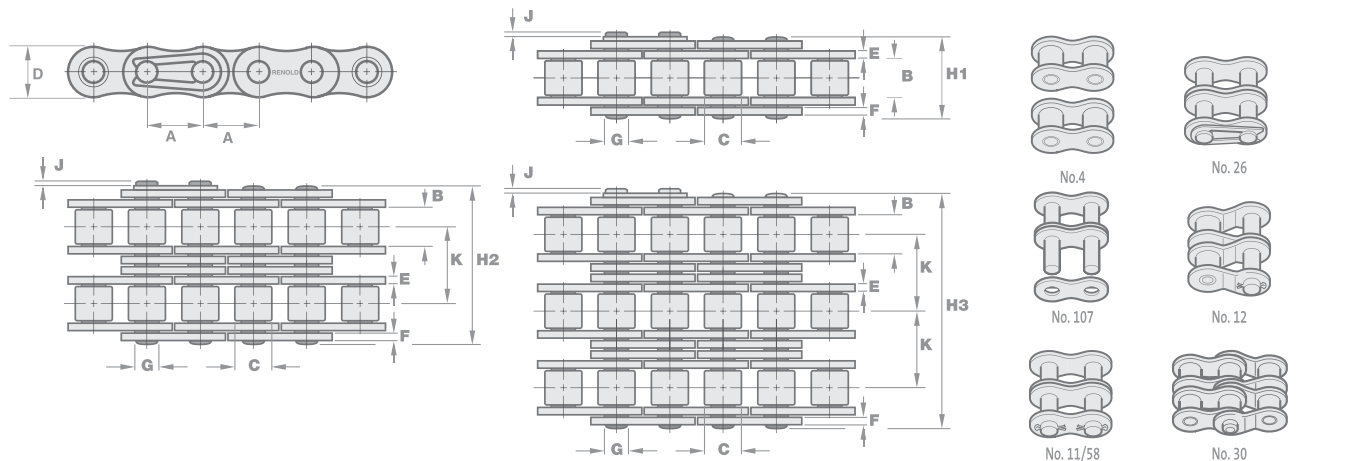
| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                            |                | Connecting Links |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|--------------------------------------------|----------------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 MIN | Weight 重量 kg/m | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              |                                            |                |                  |

ANSI Standard - Simplex ANSI 标准 - 单排链

|        |      | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | K |       |      |                   |
|--------|------|-------|--------|-------|-------|-------|------|------|------|------|-----|---|-------|------|-------------------|
| 40A1SO | 40-1 | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97 | 16.4 | 2.1 | - | 13900 | 0.60 | 4 107 11 26 12 30 |
| 50A1SO | 50-1 | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08 | 20.4 | 2.7 | - | 21800 | 1.00 | 4 107 11 26 12 30 |
| 60A1SO | 60-1 | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94 | 25.3 | 2.6 | - | 31300 | 1.47 | 4 107 11 26 12 30 |
| 80A1SO | 80-1 | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94 | 32.7 | 3.0 | - | 55600 | 2.80 | 4 107 11 58 12    |

ANSI Standard - Duplex ANSI 标准 - 双排链

|        |      | A     | A      | B     | C     | D     | E    | F    | G    | H2   | J   | K     |        |      |                   |
|--------|------|-------|--------|-------|-------|-------|------|------|------|------|-----|-------|--------|------|-------------------|
| 40A2SO | 40-2 | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97 | 30.8 | 2.1 | 14.38 | 27800  | 1.20 | 4 107 11 26 12 30 |
| 50A2SO | 50-2 | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08 | 38.4 | 2.7 | 18.11 | 43600  | 1.98 | 4 107 11 26 12 30 |
| 60A2SO | 60-2 | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94 | 48.1 | 2.6 | 22.78 | 62600  | 2.91 | 4 107 11 26 12 30 |
| 80A2SO | 80-2 | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94 | 61.9 | 3.0 | 29.29 | 111200 | 5.50 | 4 107 11 58 12    |



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                            |                | Connecting Links |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|--------------------------------------------|----------------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 MIN | Weight 重量 kg/m | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              |                                            |                |                  |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|        |       | A     | A       | B     | C     | D     | E     | F     | G     | H1    | J    | K |        |       |                |
|--------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|------|---|--------|-------|----------------|
| 1141   | -     | 0.157 | 4.000   | 2.70  | 2.50  | 4.10  | 0.57  | 0.57  | 1.65  | 6.8   | 1.2  | - | 1800   | 0.07  | 4 107 11       |
| 1151   | 03    | 0.197 | 5.000   | 2.50  | 3.20  | 4.10  | 0.60  | 0.60  | 1.49  | 7.4   | 1.3  | - | 2200   | 0.08  | 4 107 26 30    |
| 1161   | 04    | 0.236 | 6.000   | 2.80  | 4.00  | 5.00  | 0.60  | 0.60  | 1.85  | 7.4   | 1.0  | - | 3000   | 0.12  | 4 107 26 30    |
| 05B1   | 05B-1 | 0.315 | 8.000   | 3.00  | 5.00  | 7.11  | 0.76  | 0.76  | 2.31  | 8.6   | 1.5  | - | 4400   | 0.18  | 4 107 26 30    |
| 06B1*  | 06B-1 | 0.375 | 9.525   | 5.72  | 6.35  | 8.20  | 1.29  | 1.04  | 3.28  | 12.5  | 1.3  | - | 8900   | 0.39  | 4 107 26 30    |
| 08B1   | 08B-1 | 0.500 | 12.700  | 7.75  | 8.51  | 11.70 | 1.55  | 1.55  | 4.45  | 16.5  | 2.0  | - | 17800  | 0.70  | 4 107 26 30    |
| 111043 | -     | 0.500 | 12.700  | 4.88  | 7.75  | 9.60  | 1.13  | 0.98  | 4.09  | 11.4  | 2.0  | - | 8900   | 0.35  | 4 107 26 30    |
| 111041 | -     | 0.500 | 12.700  | 3.30  | 7.75  | 9.60  | 1.13  | 0.98  | 4.09  | 9.8   | 2.0  | - | 8900   | 0.30  | 4 107 26 30    |
| 08B1NA | -     | 0.500 | 12.700  | 5.21  | 8.51  | 11.70 | 1.55  | 1.55  | 4.45  | 14.5  | 2.0  | - | 17800  | 0.70  | 4 107 26 30    |
| 10B1   | 10B-1 | 0.625 | 15.875  | 9.65  | 10.16 | 14.60 | 1.55  | 1.55  | 5.08  | 18.8  | 2.5  | - | 22200  | 0.96  | 4 107 26 30    |
| 10B1NA | -     | 0.625 | 15.875  | 6.48  | 10.16 | 14.60 | 1.55  | 1.55  | 5.08  | 16.0  | 2.5  | - | 22200  | 0.81  | 4 107 26 30    |
| 12B1   | 12B-1 | 0.750 | 19.050  | 11.68 | 12.07 | 16.00 | 1.81  | 1.81  | 5.72  | 21.9  | 2.6  | - | 28900  | 1.22  | 4 107 26 30    |
| 16B1   | 16B-1 | 1.000 | 25.400  | 17.02 | 15.88 | 21.08 | 4.12  | 3.10  | 8.28  | 34.9  | 2.2  | - | 60000  | 2.80  | 4 107 26 12    |
| 20B1   | 20B-1 | 1.250 | 31.750  | 19.56 | 19.05 | 26.42 | 4.62  | 3.61  | 10.19 | 39.8  | 2.7  | - | 95000  | 3.85  | 4 107 26 12    |
| 24B1   | 24B-1 | 1.500 | 38.100  | 25.40 | 25.40 | 33.40 | 6.10  | 5.08  | 14.63 | 52.6  | 6.8  | - | 160000 | 7.45  | 4 107 11 12    |
| 28B1   | 28B-1 | 1.750 | 44.450  | 30.99 | 27.94 | 37.08 | 7.62  | 6.35  | 15.90 | 64.2  | 6.8  | - | 200000 | 9.35  | 4 107 11 12    |
| 32B1   | 32B-1 | 2.000 | 50.800  | 30.99 | 29.21 | 42.29 | 7.11  | 6.35  | 17.81 | 63.4  | 8.0  | - | 250000 | 10.10 | 4 107 11 12    |
| 40B1   | 40B-1 | 2.500 | 63.500  | 39.30 | 39.37 | 52.96 | 8.13  | 8.13  | 22.89 | 78.2  | 9.5  | - | 355000 | 16.50 | 4 107 11 12    |
| 180709 | -     | 3.000 | 76.200  | 45.72 | 48.26 | 66.04 | 12.19 | 10.16 | 29.24 | 99.1  | 10.5 | - | 560000 | 25.80 | 4 107 11 69 87 |
| 180781 | -     | 3.500 | 88.900  | 53.34 | 53.98 | 80.52 | 13.72 | 12.70 | 34.30 | 114.6 | 11.7 | - | 778435 | 35.20 | 4 107 11 211   |
| 110325 | -     | 4.000 | 101.600 | 60.96 | 63.50 | 90.17 | 15.24 | 13.72 | 39.40 | 130.9 | 13.0 | - | 711800 | 49.30 | 4 107          |

\* Straight side plates 直板链

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

如果是在提升应用中用到套筒或滚子链，请在下单详细说明方可拿到相应的CE证书。

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The right chain for the job  
链条挑选器见73页，选择正确的链条

Roll-Ring 张紧器 见70页  
Roll-Ring Page 70  
Chain tensioner

拆节器可以徒手拆节见73页  
Pin Extractor Page 73  
Cut chain by hand

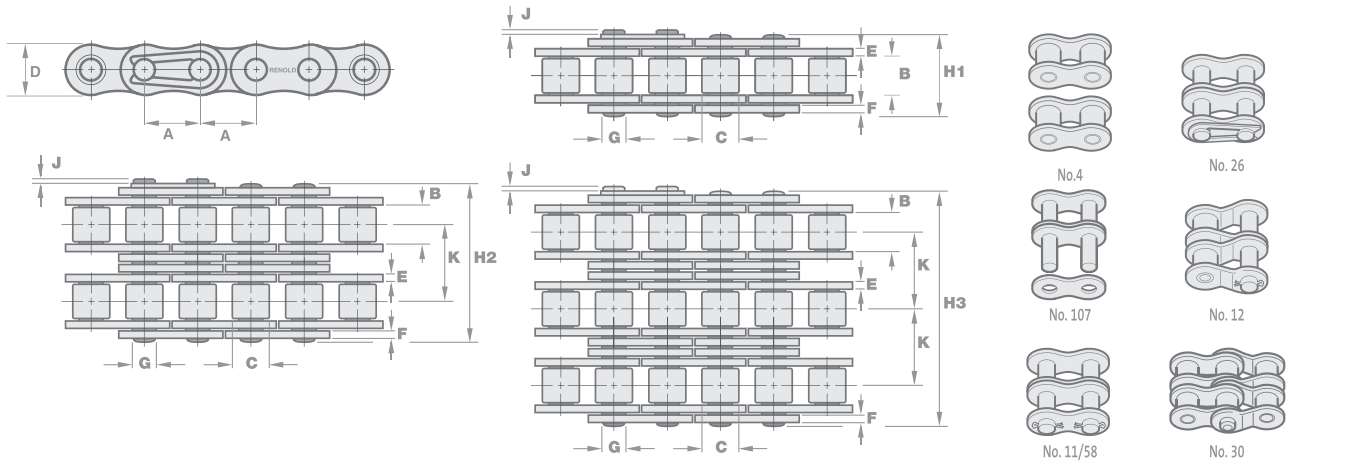


# Renold Roller Chain

Premier standard chain    卓越标准链条

# Renold Roller Chain

Premier standard chain    卓越标准链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |             |             |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-------------|-------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.   | Pin Length  | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节 内宽        | 滚子最大 直径 MAX  | 链板最大 高度 MAX  | 内链板 最大宽度 MAX      | 外链板 最大宽度 MAX      | 销轴最 大直径 MAX | 销轴最 大长度 MAX | 止锁件附加 最大宽度 MAX       | NOM              | 最小拉力 MIN                          | kg/m   |                  |

European (BS) Standard - Duplex 欧洲(BS)标准 - 双排链

|        |       | A     | A       | B     | C     | D     | E     | F     | G     | H2    | J    | K      |         |       |             |
|--------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|------|--------|---------|-------|-------------|
| 05B2   | 05B-2 | 0.315 | 8.000   | 3.00  | 5.00  | 7.11  | 0.76  | 0.76  | 2.31  | 14.3  | 1.5  | 5.64   | 7800    | 0.36  | 4 107 26 30 |
| 06B2*  | 06B-2 | 0.375 | 9.525   | 5.72  | 6.35  | 8.20  | 1.29  | 1.04  | 3.28  | 23.0  | 1.3  | 10.24  | 16900   | 0.78  | 4 107 26 30 |
| 08B2   | 08B-2 | 0.500 | 12.700  | 7.75  | 8.51  | 11.70 | 1.55  | 1.55  | 4.45  | 30.4  | 2.0  | 13.92  | 31100   | 1.38  | 4 107 26 30 |
| 10B2   | 10B-2 | 0.625 | 15.875  | 9.65  | 10.16 | 14.60 | 1.55  | 1.55  | 5.08  | 35.4  | 2.5  | 16.59  | 44500   | 1.69  | 4 107 26 30 |
| 12B2   | 12B-2 | 0.750 | 19.050  | 11.68 | 12.07 | 16.00 | 1.81  | 1.81  | 5.72  | 41.4  | 2.6  | 19.46  | 57800   | 2.42  | 4 107 26 30 |
| 16B2   | 16B-2 | 1.000 | 25.400  | 17.02 | 15.88 | 21.08 | 3.76  | 3.10  | 8.28  | 66.8  | 2.2  | 31.88  | 106000  | 5.50  | 4 107 26 12 |
| 20B2   | 20B-2 | 1.250 | 31.750  | 19.56 | 19.05 | 26.42 | 4.62  | 3.61  | 10.19 | 76.7  | 2.7  | 36.45  | 170000  | 7.80  | 4 107 26 12 |
| 24B2   | 24B-2 | 1.500 | 38.100  | 25.40 | 25.40 | 33.40 | 6.10  | 5.08  | 14.63 | 101.3 | 6.8  | 48.36  | 280000  | 14.80 | 4 107 11 12 |
| 28B2   | 28B-2 | 1.750 | 44.450  | 30.99 | 27.94 | 37.08 | 7.62  | 6.35  | 15.90 | 123.7 | 6.8  | 59.56  | 360000  | 18.60 | 4 107 11 12 |
| 32B2   | 32B-2 | 2.000 | 50.800  | 30.99 | 29.21 | 42.29 | 7.11  | 6.35  | 17.81 | 122.0 | 8.0  | 58.55  | 450000  | 20.10 | 4 107 11 12 |
| 40B2   | 40B-2 | 2.500 | 63.500  | 39.30 | 39.37 | 52.96 | 8.13  | 8.13  | 22.89 | 150.5 | 9.5  | 72.29  | 630000  | 32.80 | 4 107 11 12 |
| 180721 | -     | 3.000 | 76.200  | 45.72 | 48.26 | 66.04 | 12.19 | 10.16 | 29.24 | 190.4 | 10.5 | 91.21  | 1000000 | 51.00 | 4 107 11 69 |
| 180760 | -     | 3.500 | 88.900  | 53.34 | 53.98 | 80.52 | 12.45 | 13.72 | 34.30 | 221.2 | 11.7 | 106.60 | 1557000 | 69.70 | 4 107 11    |
| 114325 | -     | 4.000 | 101.600 | 60.96 | 63.50 | 90.17 | 15.24 | 13.72 | 39.40 | 250.8 | 13.0 | 119.90 | 1423420 | 97.50 | 4 107       |

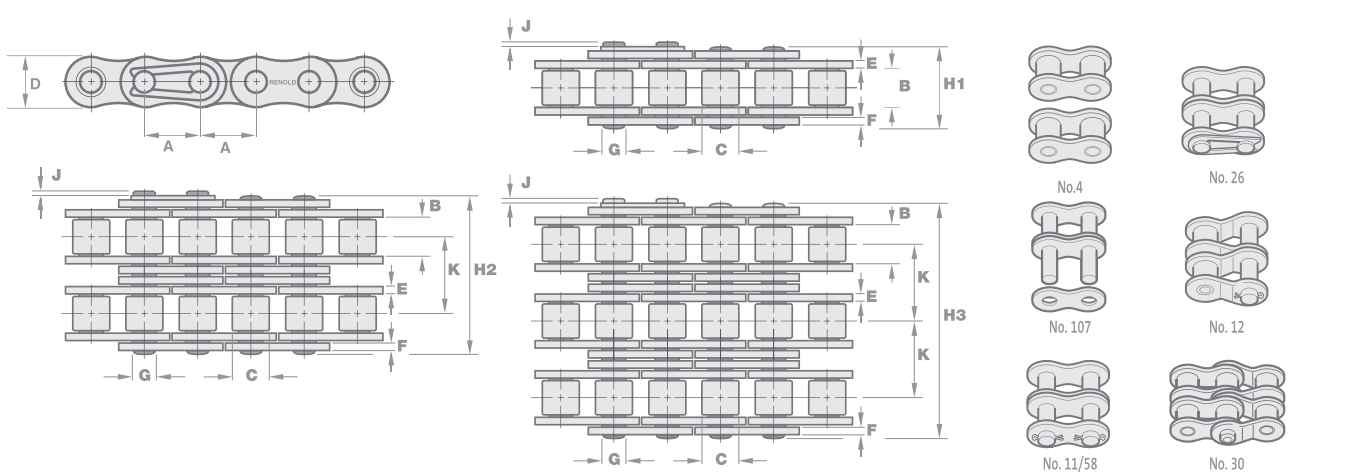
European (BS) Standard - Triplex 欧洲(BS)标准 - 三排链

|        |       | A     | A      | B     | C     | D     | E     | F     | G     | H3    | J    | K     |         |       |             |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|---------|-------|-------------|
| 05B3   | 05B-3 | 0.315 | 8.000  | 3.00  | 5.00  | 7.11  | 0.76  | 0.76  | 2.31  | 19.9  | 1.5  | 5.64  | 11100   | 0.54  | 4 107 26 30 |
| 06B3*  | 06B-3 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29  | 1.04  | 3.28  | 33.3  | 1.3  | 10.24 | 24900   | 1.11  | 4 107 26 30 |
| 08B3   | 08B-3 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.55  | 1.55  | 4.45  | 44.3  | 2.0  | 13.92 | 44500   | 2.06  | 4 107 26 30 |
| 10B3   | 10B-3 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55  | 1.55  | 5.08  | 52.0  | 2.5  | 16.59 | 66700   | 2.54  | 4 107 26 30 |
| 12B3   | 12B-3 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.81  | 1.81  | 5.72  | 60.9  | 2.6  | 19.46 | 86700   | 3.59  | 4 107 26 30 |
| 16B3   | 16B-3 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.76  | 3.10  | 8.28  | 98.6  | 2.2  | 31.88 | 160000  | 8.15  | 4 107 26 12 |
| 20B3   | 20B-3 | 1.250 | 31.750 | 19.56 | 19.05 | 26.42 | 4.62  | 3.61  | 10.19 | 113.2 | 2.7  | 36.45 | 250000  | 11.65 | 4 107 26 12 |
| 24B3   | 24B-3 | 1.500 | 38.100 | 25.40 | 25.40 | 33.40 | 6.10  | 5.08  | 14.63 | 149.7 | 6.8  | 48.36 | 425000  | 22.25 | 4 107 11 12 |
| 28B3   | 28B-3 | 1.750 | 44.450 | 30.99 | 27.94 | 37.08 | 7.62  | 6.35  | 15.90 | 183.3 | 6.8  | 59.56 | 530000  | 28.00 | 4 107 11 12 |
| 32B3   | 32B-3 | 2.000 | 50.800 | 30.99 | 29.21 | 42.29 | 7.11  | 6.35  | 17.81 | 180.5 | 8.0  | 58.55 | 670000  | 30.00 | 4 107 11 12 |
| 40B3   | 40B-3 | 2.500 | 63.500 | 39.30 | 39.37 | 52.96 | 8.13  | 8.13  | 22.89 | 222.8 | 9.5  | 72.29 | 950000  | 48.90 | 4 107 11 12 |
| 180739 | -     | 3.000 | 76.200 | 45.72 | 48.26 | 66.04 | 12.19 | 10.16 | 29.24 | 281.6 | 10.5 | 91.21 | 1500000 | 76.20 | 4 107 11    |

\* Straight side plates 直板链

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

如果是在提升应用中用到套筒或滚子链，请下单前详细说明方可拿到相应的CE证书。



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |             |             |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-------------|-------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.   | Pin Length  | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节 内宽        | 滚子最大 直径 MAX  | 链板最大 高度 MAX  | 内链板 最大宽度 MAX      | 外链板 最大宽度 MAX      | 销轴最 大直径 MAX | 销轴最 大长度 MAX | 止锁件附加 最大宽度 MAX       | NOM              | 最小拉力 MIN                          | kg/m   |                  |

ANSI Standard - Simplex ANSI 标准 - 单排链

|       |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J    | K |        |       |                   |
|-------|-------|-------|--------|-------|-------|-------|------|------|-------|------|------|---|--------|-------|-------------------|
| 25A1° | 25-1  | 0.250 | 6.350  | 3.10  | 3.30  | 5.90  | 0.76 | 0.76 | 2.30  | 7.9  | 1.2  | - | 3500   | 0.12  | 4 107 26 30       |
| 35A1° | 35-1  | 0.375 | 9.525  | 4.68  | 5.08  | 8.60  | 1.29 | 1.29 | 3.59  | 12.0 | 1.7  | - | 7900   | 0.35  | 4 107 26 12 30    |
| 40A1  | 40-1  | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97  | 16.4 | 2.1  | - | 13900  | 0.60  | 4 107 11 26 12 30 |
| 41A1  | 41-1  | 0.500 | 12.700 | 6.35  | 7.77  | 9.91  | 1.30 | 1.30 | 3.59  | 14.5 | 2.1  | - | 6700   | 0.42  | 4 107 26 12 30    |
| 50A1  | 50-1  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08  | 20.4 | 2.7  | - | 21800  | 1.00  | 4 107 11 26 12 30 |
| 60A1  | 60-1  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94  | 25.3 | 2.6  | - | 31300  | 1.47  | 4 107 11 26 12 30 |
| 80A1  | 80-1  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94  | 32.7 | 3.0  | - | 55600  | 2.80  | 4 107 11 58 12    |
| 100A1 | 100-1 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54  | 39.7 | 4.2  | - | 87000  | 4.20  | 4 107 11 58 12    |
| 120A1 | 120-1 | 1.500 | 38.100 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 49.3 | 5.3  | - | 125000 | 5.70  | 4 107 11 58 12    |
| 140A1 | 140-1 | 1.750 | 44.450 | 25.23 | 25.40 | 42.23 | 5.61 | 5.61 | 12.71 | 52.9 | 5.2  | - | 170000 | 7.80  | 4 107 11 58 12    |
| 160A1 | 160-1 | 2.000 | 50.800 | 31.55 | 28.58 | 48.26 | 6.35 | 6.35 | 14.29 | 63.1 | 6.5  | - | 223000 | 10.40 | 4 107 11 58 12    |
| 180A1 | 180-1 | 2.250 | 57.150 | 35.48 | 35.71 | 54.30 | 7.11 | 7.11 | 17.46 | 70.6 | 7.9  | - | 281000 | 13.94 | 4 107 11 58       |
| 200A1 | 200-1 | 2.500 | 63.500 | 37.85 | 39.67 | 60.33 | 8.13 | 8.13 | 19.85 | 76.9 | 9.0  | - | 347000 | 17.30 | 4 107 11 58 12    |
| 240A1 | 240-1 | 3.000 | 76.200 | 47.35 | 47.62 | 72.39 | 9.80 | 9.80 | 23.80 | 94.4 | 10.5 | - | 500000 | 25.00 | 4 107 11 58       |

\* Bush Chain 套筒链

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

如果是在提升应用中用到套筒或滚子链，请下单前详细说明方可拿到相应的CE证书。

询问更多信息:

电话: 400 826 1915

邮箱: info.cn@renold.com

www.renold.cn



Also available from Renold

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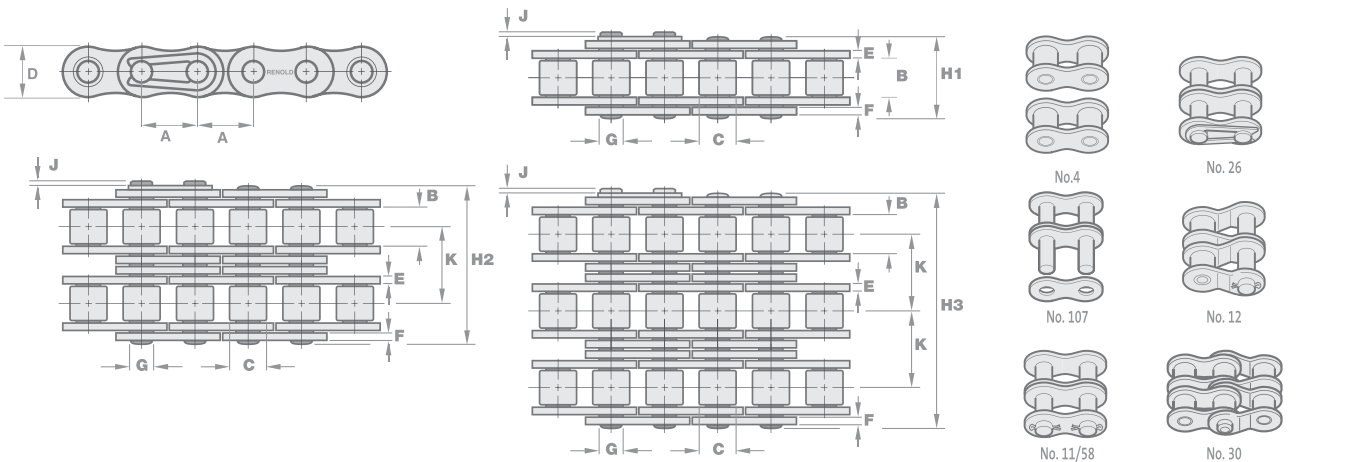
Chain Selector Page 73  
The right chain for the job  
链条挑选器见73页，选择正确的链条

Roll-Ring 张紧器 见70页  
Chain tensioner

Pin Extractor Page 73  
Cut chain by hand

# Renold Roller Chain

Premier standard chain    卓越标准链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |  |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节 内宽        | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |  |

ANSI Standard - Duplex    ANSI 标准 – 双排链

|       |       | A     | B      | C     | D     | E     | F    | G    | H2    | J     | K    |       |         |       |   |                 |
|-------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|------|-------|---------|-------|---|-----------------|
| 25A2° | 25-2  | 0.250 | 6.350  | 3.10  | 3.30  | 5.90  | 0.76 | 0.76 | 2.30  | 14.2  | 1.2  | 6.40  | 7000    | 0.26  | 4 | 107 26 30       |
| 35A2° | 35-2  | 0.375 | 9.525  | 4.68  | 5.08  | 8.60  | 1.29 | 1.29 | 3.59  | 22.2  | 1.7  | 10.13 | 15800   | 0.62  | 4 | 107 26 12 30    |
| 40A2  | 40-2  | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97  | 30.8  | 2.1  | 14.38 | 27800   | 1.20  | 4 | 107 11 26 12 30 |
| 50A2  | 50-2  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08  | 38.4  | 2.7  | 18.11 | 43600   | 1.98  | 4 | 107 11 26 12 30 |
| 60A2  | 60-2  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94  | 48.1  | 2.6  | 22.78 | 62600   | 2.91  | 4 | 107 11 26 12 30 |
| 80A2  | 80-2  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94  | 61.9  | 3.0  | 29.29 | 111200  | 5.50  | 4 | 107 11 58 12    |
| 100A2 | 100-2 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54  | 75.4  | 4.2  | 35.76 | 174000  | 8.40  | 4 | 107 11 58 12    |
| 120A2 | 120-2 | 1.500 | 38.100 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 94.7  | 5.3  | 45.44 | 250000  | 11.00 | 4 | 107 11 58 12    |
| 140A2 | 140-2 | 1.750 | 44.450 | 25.23 | 25.40 | 42.23 | 5.61 | 5.61 | 12.71 | 101.8 | 5.2  | 48.87 | 340000  | 15.50 | 4 | 107 11 58 12    |
| 160A2 | 160-2 | 2.000 | 50.800 | 31.55 | 28.58 | 48.26 | 6.35 | 6.35 | 14.29 | 121.6 | 6.5  | 58.55 | 446000  | 20.60 | 4 | 107 11 58 12    |
| 180A2 | 180-2 | 2.250 | 57.150 | 35.48 | 35.71 | 54.30 | 7.11 | 7.11 | 17.46 | 136.5 | 7.9  | 65.84 | 562000  | 27.72 | 4 | 107 11 58       |
| 200A2 | 200-2 | 2.500 | 63.500 | 37.85 | 39.67 | 60.33 | 8.13 | 8.13 | 19.85 | 148.5 | 9.0  | 71.55 | 694000  | 34.40 | 4 | 107 11 58 12    |
| 240A2 | 240-2 | 3.000 | 76.200 | 47.35 | 47.62 | 72.39 | 9.80 | 9.80 | 23.80 | 182.2 | 10.5 | 87.80 | 1000000 | 50.00 | 4 | 107 11 58       |

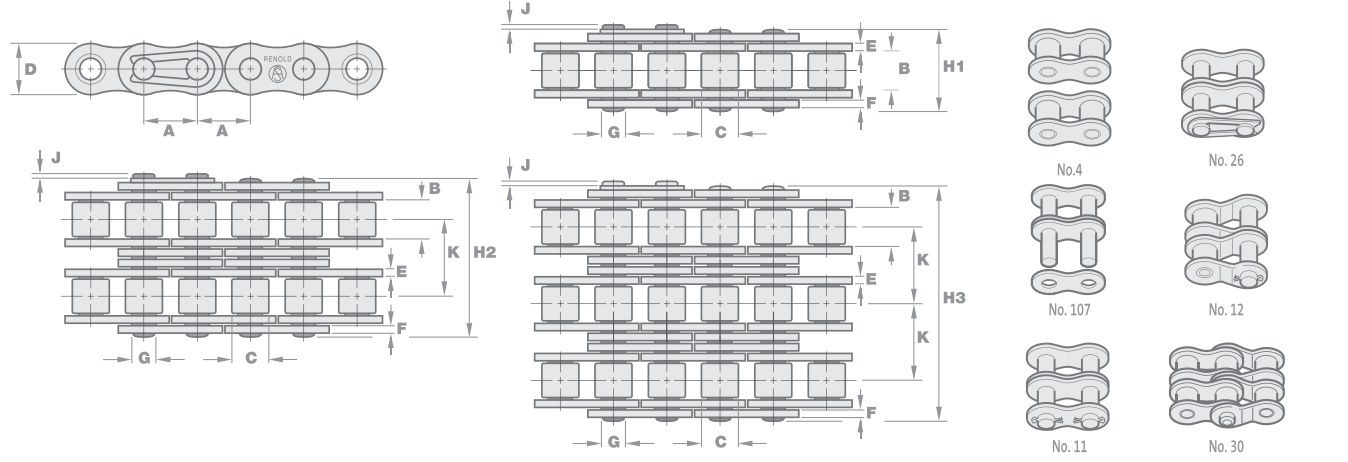
ANSI Standard - Triplex    ANSI 标准 – 三排链

|       |       | A     | A      | B     | C     | D     | E    | F    | G     | H3    | J    | K     |         |       |   |                 |
|-------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|------|-------|---------|-------|---|-----------------|
| 25A3° | 25-3  | 0.250 | 6.350  | 3.10  | 3.30  | 5.90  | 0.76 | 0.76 | 2.30  | 20.8  | 1.2  | 6.40  | 10500   | 0.39  | 4 | 107 26 30       |
| 35A3° | 35-3  | 0.375 | 9.525  | 4.68  | 5.08  | 8.60  | 1.29 | 1.29 | 3.59  | 32.2  | 1.7  | 10.13 | 23700   | 0.93  | 4 | 107 26 12 30    |
| 40A3  | 40-3  | 0.500 | 12.700 | 7.85  | 7.92  | 11.20 | 1.55 | 1.55 | 3.97  | 45.1  | 2.1  | 14.38 | 41700   | 1.80  | 4 | 107 11 26 12 30 |
| 50A3  | 50-3  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.04 | 2.04 | 5.08  | 56.5  | 2.7  | 18.11 | 65400   | 2.96  | 4 | 107 11 26 12 30 |
| 60A3  | 60-3  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.45 | 2.45 | 5.94  | 70.9  | 2.6  | 22.78 | 93900   | 4.38  | 4 | 107 11 26 12 30 |
| 80A3  | 80-3  | 1.000 | 25.400 | 15.75 | 15.88 | 24.13 | 3.25 | 3.25 | 7.94  | 91.2  | 3.0  | 29.29 | 166800  | 8.30  | 4 | 107 11 12       |
| 100A3 | 100-3 | 1.250 | 31.750 | 18.90 | 19.05 | 30.17 | 4.06 | 4.06 | 9.54  | 111.2 | 4.2  | 35.76 | 261000  | 12.60 | 4 | 107 11 12       |
| 120A3 | 120-3 | 1.500 | 38.100 | 25.23 | 22.23 | 36.20 | 4.80 | 4.80 | 11.11 | 140.2 | 5.3  | 45.44 | 375000  | 16.70 | 4 | 107 11 12       |
| 140A3 | 140-3 | 1.750 | 44.450 | 25.23 | 25.40 | 42.23 | 5.61 | 5.61 | 12.71 | 150.7 | 5.2  | 48.87 | 510000  | 23.10 | 4 | 107 11 12       |
| 160A3 | 160-3 | 2.000 | 50.800 | 31.55 | 28.58 | 48.26 | 6.35 | 6.35 | 14.29 | 180.2 | 6.5  | 58.55 | 669000  | 31.00 | 4 | 107 11 12       |
| 180A3 | 180-3 | 2.250 | 57.150 | 35.48 | 35.71 | 54.30 | 7.11 | 7.11 | 17.46 | 202.3 | 7.9  | 65.84 | 843000  | 41.50 | 4 | 107 11          |
| 200A3 | 200-3 | 2.500 | 63.500 | 37.85 | 39.67 | 60.33 | 8.13 | 8.13 | 19.85 | 229.0 | 9.0  | 71.55 | 1041000 | 51.20 | 4 | 107 11 12       |
| 240A3 | 240-3 | 3.000 | 76.200 | 47.35 | 47.62 | 72.39 | 9.80 | 9.80 | 23.80 | 270.1 | 10.5 | 87.80 | 1500000 | 75.00 | 4 | 107 11 58       |

\* Bush Chain 套筒链  
For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.  
如果是在提升应用中用到套筒或滚子链，请下载前详细说明方可拿到相应的CE证书。

# Renold A&S

All-purpose Standard Chain    通用标准链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |  |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节 内宽        | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |  |

European (BS) Standard - Simplex    欧洲(BS)标准 – 单排链

|          |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |       |   |              |
|----------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|-------|---|--------------|
| 1000001  | -     | 0.158 | 4.000  | 2.70  | 2.50  | 4.10  | 0.57 | 0.57 | 1.65  | 6.8  | 1.2 | - | 1800   | 0.07  | 4 | 107 11       |
| AR03B1   | 03    | 0.197 | 5.000  | 2.50  | 3.20  | 4.10  | 0.60 | 0.60 | 1.49  | 7.4  | 1.3 | - | 2200   | 0.08  | 4 | 107 26 30    |
| AR04B1   | 04    | 0.236 | 6.000  | 2.80  | 4.00  | 5.00  | 0.60 | 0.60 | 1.85  | 7.4  | 1.0 | - | 3000   | 0.12  | 4 | 107 26 30    |
| AR05B1   | 05B-1 | 0.315 | 8.000  | 3.00  | 5.00  | 7.11  | 0.76 | 0.76 | 2.31  | 8.6  | 1.5 | - | 4400   | 0.18  | 4 | 107 26 30    |
| AR06B1*  | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.25 | 1.04 | 3.28  | 12.5 | 1.3 | - | 8900   | 0.39  | 4 | 107 26 30    |
| AR08B1** | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.50 | 1.50 | 4.45  | 16.5 | 2.0 | - | 17800  | 0.70  | 4 | 107 26 30    |
| AR10B1** | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.50 | 1.50 | 5.08  | 18.8 | 2.5 | - | 22200  | 0.96  | 4 | 107 26 30    |
| AR12B1** | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.76 | 1.76 | 5.72  | 22.4 | 2.6 | - | 28900  | 1.22  | 4 | 107 26 30    |
| AR16B1** | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 20.20 | 3.70 | 3.00 | 8.28  | 35.7 | 2.2 | - | 60000  | 2.80  | 4 | 107 26 12 30 |
| AR20B1** | 20B-1 | 1.250 | 31.750 | 19.56 | 19.05 | 25.90 | 4.45 | 3.45 | 10.19 | 40.3 | 2.7 | - | 95000  | 3.85  | 4 | 107 26 12    |
| AR24B1** | 24B-1 | 1.500 | 38.100 | 25.40 | 25.40 | 33.30 | 6.00 | 5.00 | 14.63 | 53.1 | 6.8 | - | 160000 | 7.45  | 4 | 107 11 12    |
| AR28B1   | 28B-1 | 1.750 | 44.450 | 30.99 | 27.94 | 36.80 | 7.38 | 6.10 | 15.90 | 64.9 | 6.8 | - | 200000 | 9.35  | 4 | 107 11 12    |
| AR32B1   | 32B-1 | 2.000 | 50.800 | 30.99 | 29.21 | 41.10 | 6.87 | 6.10 | 17.81 | 63.4 | 8.0 | - | 250000 | 10.10 | 4 | 107 11 12    |
| AR40B1   | 40B-1 | 2.500 | 63.500 | 39.30 | 39.37 | 52.96 | 8.13 | 8.13 | 22.89 | 78.2 | 9.5 | - | 355000 | 16.50 | 4 | 107 11 12    |

European (BS) Standard - Duplex    欧洲(BS)标准 – 双排链

|          |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |   |           |
|----------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|---|-----------|
| AR04B2   | 04    | 0.236 | 6.000  | 2.80  | 4.00  | 5.00  | 0.60 | 0.60 | 1.85  | 7.4   | 1.0 | 5.50  | 6000   | 0.24  | 4 | 107 26 30 |
| AR05B2   | 05B-2 | 0.315 | 8.000  | 3.00  | 5.00  | 7.11  | 0.76 | 0.76 | 2.31  | 14.3  | 1.5 | 5.64  | 7800   | 0.36  | 4 | 107 26 30 |
| AR06B2*  | 06B-2 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.29 | 1.04 | 3.28  | 23.0  | 1.3 | 10.24 | 16900  | 0.78  | 4 | 107 26 30 |
| AR08B2** | 08B-2 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.50 | 1.50 | 4.45  | 30.4  | 2.0 | 13.92 | 32000  | 1.38  | 4 | 107 26 30 |
| AR10B2** | 10B-2 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.50 | 1.50 | 5.08  | 35.4  | 2.5 | 16.59 | 44500  | 1.69  | 4 | 107 26 30 |
| AR12B2** | 12B-2 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.76 | 1.76 | 5.72  | 41.8  | 2.6 | 19.46 | 57800  | 2.42  | 4 | 107 26 30 |
| AR16B2** | 16B-2 | 1.000 | 25.400 | 17.02 | 15.88 | 21.08 | 3.70 | 3.00 | 8.28  | 67.6  | 2.2 | 31.88 | 106000 | 5.50  | 4 | 107 26 12 |
| AR20B2   | 20B-2 | 1.250 | 31.750 | 19.56 | 19.05 | 25.90 | 4.45 | 3.45 | 10.19 | 76.7  | 2.7 | 36.45 | 170000 | 7.80  | 4 | 107 26 12 |
| AR24B2   | 24B-2 | 1.500 | 38.100 | 25.40 | 25.40 | 33.30 | 6.00 | 5.00 | 14.63 | 101.5 | 6.8 | 48.36 | 280000 | 14.80 | 4 | 107 11 12 |
| AR28B2   | 28B-2 | 1.750 | 44.450 | 30.99 | 27.94 | 36.80 | 7.38 | 6.10 | 15.90 | 124.4 | 6.8 | 59.56 | 360000 | 18.60 | 4 | 107 11 12 |
| AR32B2   | 32B-2 | 2.000 | 50.800 | 30.99 | 29.17 | 41.10 | 6.87 | 6.35 | 17.78 | 123.0 | 8.0 | 58.55 | 450000 | 20.10 | 4 | 107 11 12 |
| AR40B2   | 40B-2 | 2.500 | 63.500 | 39.30 | 39.37 | 52.96 | 8.13 | 8.13 | 22.89 | 150.5 | 9.5 | 72.29 | 630000 | 32.80 | 4 | 107 11 12 |

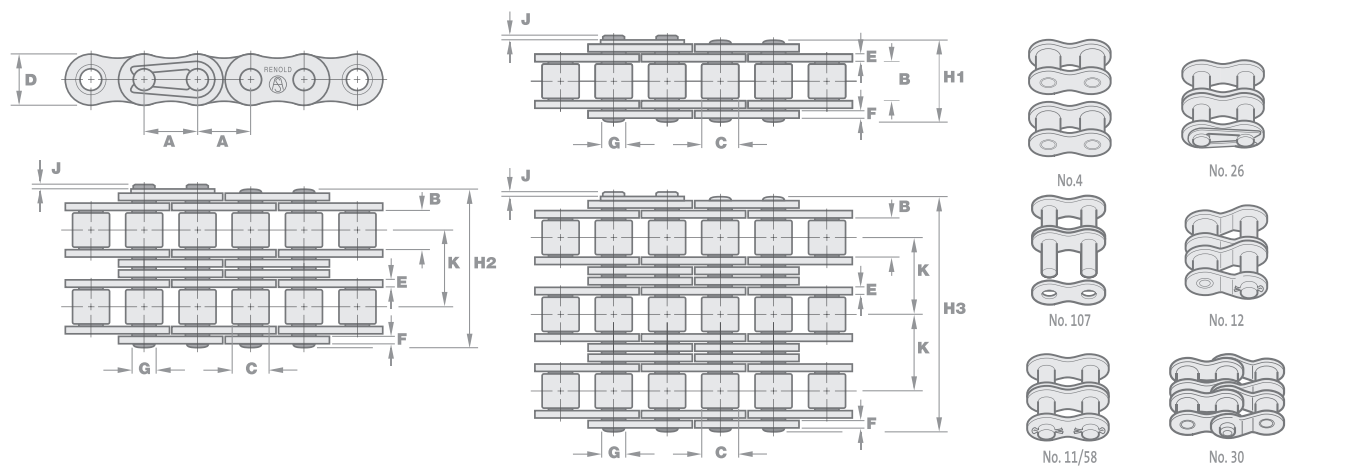
\* Only with straight plates \*\* Straight side plates available    \* 只有直板链    \*\* 可以生产直板链  
For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.  
如果是在提升应用中用到套筒或滚子链，请下载前详细说明方可拿到相应的CE证书。

Also available in European (BS) Standard triplex chain  
也可以提供欧洲(BS)标准三排链



# Renold A&S

All-purpose Standard Chain 通用标准链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节 内宽        | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止链件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |

ANSI Standard - Simplex ANSI 标准 - 单排链

|          |       | A     | A      | B     | C     | D     | E    | F    | G     | H1    | J   | K |        |       |                |
|----------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|---|--------|-------|----------------|
| AR25A1*  | 25-1  | 0.250 | 6.350  | 3.10  | 3.30  | 5.90  | 0.76 | 0.76 | 2.30  | 7.9   | 1.2 | - | 3500   | 0.12  | 4 107 26       |
| AR35A1*  | 35-1  | 0.375 | 9.525  | 4.68  | 5.08  | 9.00  | 1.25 | 1.25 | 3.59  | 12.35 | 1.7 | - | 7900   | 0.35  | 4 107 26       |
| AR40A1   | 40-1  | 0.500 | 12.700 | 7.85  | 7.92  | 12.00 | 1.55 | 1.55 | 3.97  | 16.5  | 2.1 | - | 13900  | 0.60  | 4 107 26       |
| AR50A1** | 50-1  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.00 | 2.00 | 5.08  | 20.6  | 2.7 | - | 21800  | 1.00  | 4 107 11 26 12 |
| AR60A1** | 60-1  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.40 | 2.40 | 5.94  | 25.8  | 2.6 | - | 31300  | 1.47  | 4 107 11 26 12 |
| AR80A1   | 80-1  | 1.000 | 25.400 | 15.75 | 15.88 | 23.10 | 3.00 | 3.00 | 7.94  | 32.7  | 3.0 | - | 55600  | 2.80  | 4 107 11 58 12 |
| AR100A1  | 100-1 | 1.250 | 31.750 | 18.90 | 19.05 | 30.10 | 4.00 | 4.00 | 9.54  | 40.7  | 4.2 | - | 87000  | 4.20  | 4 107 11 58 12 |
| AR120A1  | 120-1 | 1.500 | 38.100 | 25.23 | 22.23 | 35.75 | 4.68 | 4.68 | 11.11 | 50.0  | 5.3 | - | 125000 | 5.70  | 4 107 11 58 12 |
| AR140A1  | 140-1 | 1.750 | 44.450 | 25.23 | 25.40 | 41.75 | 5.61 | 5.61 | 12.71 | 53.8  | 5.2 | - | 170000 | 7.80  | 4 107 11 58 12 |
| AR160A1  | 160-1 | 2.000 | 50.800 | 31.55 | 28.58 | 47.60 | 6.10 | 6.10 | 14.29 | 63.9  | 6.5 | - | 223000 | 10.40 | 4 107 11 58 12 |
| AR200A1  | 200-1 | 2.500 | 63.500 | 37.85 | 39.67 | 60.33 | 8.13 | 8.13 | 19.85 | 76.9  | 9.0 | - | 347000 | 17.30 | 4 107 11 58 12 |

ANSI Standard - Duplex ANSI 标准 - 双排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |                |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|----------------|
| AR25A2* | 25-2  | 0.250 | 6.350  | 3.10  | 3.30  | 5.90  | 0.76 | 0.76 | 2.30  | 14.2  | 1.2 | 6.40  | 7000   | 0.26  | 4 107 26       |
| AR35A2* | 35-2  | 0.375 | 9.525  | 4.68  | 5.08  | 9.00  | 1.25 | 1.25 | 3.59  | 22.5  | 1.7 | 10.13 | 15800  | 0.62  | 4 107 26       |
| AR40A2  | 40-2  | 0.500 | 12.700 | 7.85  | 7.92  | 12.00 | 1.50 | 1.50 | 3.97  | 30.8  | 2.1 | 14.38 | 27800  | 1.20  | 4 107 26       |
| AR50A2  | 50-2  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.00 | 2.00 | 5.08  | 38.7  | 2.7 | 18.11 | 43600  | 1.98  | 4 107 11 26 12 |
| AR60A2  | 60-2  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.40 | 2.40 | 5.92  | 48.6  | 2.6 | 22.78 | 62600  | 2.91  | 4 107 11 26 12 |
| AR80A2  | 80-2  | 1.000 | 25.400 | 15.75 | 15.88 | 23.10 | 3.25 | 3.25 | 7.94  | 61.9  | 3.0 | 29.29 | 111200 | 5.50  | 4 107 11 58 12 |
| AR100A2 | 100-2 | 1.250 | 31.750 | 18.90 | 19.05 | 30.10 | 4.00 | 4.00 | 9.54  | 76.5  | 4.2 | 35.76 | 174000 | 8.40  | 4 107 11 58 12 |
| AR120A2 | 120-2 | 1.500 | 38.100 | 25.23 | 22.23 | 35.75 | 4.68 | 4.68 | 11.11 | 95.5  | 5.3 | 45.44 | 250000 | 11.00 | 4 107 11 58 12 |
| AR140A2 | 140-2 | 1.750 | 44.450 | 25.23 | 25.40 | 41.75 | 5.61 | 5.61 | 12.69 | 102.7 | 5.2 | 48.87 | 340000 | 15.50 | 4 107 11 58 12 |
| AR160A2 | 160-2 | 2.000 | 50.800 | 31.55 | 28.58 | 47.60 | 6.10 | 6.10 | 14.26 | 121.5 | 6.5 | 58.55 | 446000 | 20.60 | 4 107 11 58 12 |

\* Only with straight plates \*\* Straight side plates available \* 只有直板链 \*\* 可以生产直板链

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

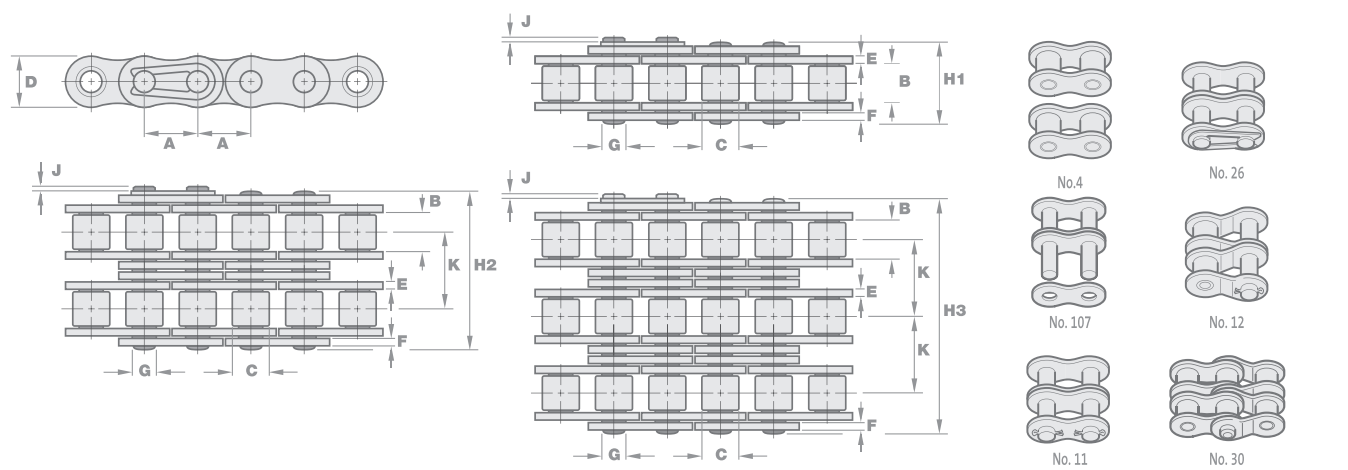
如果是在提升应用中用到套筒或滚子链，请下载详细说明书方可拿到相应的CE证书。

Also available in European ANSI Standard triplex chain

也可以提供欧洲ANSI标准三排链

# Renold SD Roller Chain

Standard Duty Chain 标准链条



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节 内宽        | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止链件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |

European (BS) Standard - Simplex 欧洲(BS)标准 - 单排链

|          |       | A     | A      | B     | C     | D     | E    | F    | G     | H1   | J   | K |        |       |                |
|----------|-------|-------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|-------|----------------|
| SD05B-1  | 05B-1 | -     | 8.000  | 3.00  | 5.00  | 7.00  | 0.75 | 0.75 | 2.31  | 7.8  | 0.6 | - | 4400   | 0.20  | 4 107 26 30    |
| SD06B-1* | 06B-1 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.25 | 1.00 | 3.28  | 12.6 | 0.8 | - | 8900   | 0.41  | 4 107 26 30    |
| SD08B-1  | 08B-1 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.50 | 1.50 | 4.45  | 16.5 | 0.9 | - | 17800  | 0.69  | 4 107 26 30    |
| SD10B-1  | 10B-1 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.50 | 1.50 | 5.08  | 18.8 | 1.0 | - | 22200  | 0.96  | 4 107 26 30    |
| SD12B-1  | 12B-1 | 0.750 | 19.050 | 11.68 | 12.07 | 16.00 | 1.76 | 1.76 | 5.72  | 22.4 | 1.4 | - | 28900  | 1.22  | 4 107 26 30    |
| SD16B-1  | 16B-1 | 1.000 | 25.400 | 17.02 | 15.88 | 20.20 | 3.70 | 3.00 | 8.28  | 35.7 | 1.7 | - | 60000  | 2.80  | 4 107 26 12 30 |
| SD20B-1  | 20B-1 | 1.250 | 31.750 | 19.56 | 19.05 | 25.90 | 4.45 | 3.45 | 10.19 | 40.3 | 2.1 | - | 95000  | 3.85  | 4 107 26 12    |
| SD24B-1  | 24B-1 | 1.500 | 38.100 | 25.40 | 25.40 | 33.30 | 6.00 | 5.00 | 14.63 | 53.2 | 2.2 | - | 160000 | 7.45  | 4 107 11 12    |
| SD28B-1  | 28B-1 | 1.750 | 44.450 | 30.99 | 27.89 | 36.80 | 7.40 | 6.10 | 15.90 | 64.9 | 2.2 | - | 200000 | 9.35  | 4 107 11 12    |
| SD32B-1  | 32B-1 | 2.000 | 50.800 | 30.99 | 29.17 | 41.10 | 6.87 | 6.10 | 17.78 | 64.4 | 3.1 | - | 250000 | 10.10 | 4 107 26 12    |

European (BS) Standard - Duplex 欧洲(BS)标准 - 双排链

|          |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |             |
|----------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|-------------|
| SD06B-2* | 06B-2 | 0.375 | 9.525  | 5.72  | 6.35  | 8.20  | 1.25 | 1.00 | 3.28  | 22.8  | 0.8 | 10.24 | 16900  | 0.77  | 4 107 26 30 |
| SD08B-2  | 08B-2 | 0.500 | 12.700 | 7.75  | 8.51  | 11.70 | 1.50 | 1.50 | 4.45  | 30.4  | 0.9 | 13.92 | 32000  | 1.34  | 4 107 26 30 |
| SD10B-2  | 10B-2 | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.50 | 1.50 | 5.08  | 35.4  | 1.1 | 16.59 | 44500  | 1.84  | 4 107 26 30 |
| SD12B-2  | 12B-2 | 0.750 | 19.050 | 11.68 | 12.07 | 16.10 | 1.76 | 1.76 | 5.72  | 41.8  | 1.2 | 19.46 | 57800  | 2.31  | 4 107 26 30 |
| SD16B-2  | 16B-2 | 1.000 | 25.400 | 17.02 | 15.88 | 20.20 | 3.70 | 3.00 | 8.28  | 67.6  | 1.7 | 31.88 | 106000 | 5.42  | 4 107 26 12 |
| SD20B-2  | 20B-2 | 1.250 | 31.750 | 19.56 | 19.05 | 25.90 | 4.45 | 3.45 | 10.17 | 77.2  | 2.1 | 36.45 | 170000 | 7.20  | 4 107 26 12 |
| SD24B-2  | 24B-2 | 1.500 | 38.100 | 25.40 | 25.40 | 33.30 | 6.00 | 5.00 | 14.63 | 101.6 | 2.5 | 48.36 | 280000 | 13.40 | 4 107 11 12 |
| SD28B-2  | 28B-2 | 1.750 | 44.450 | 30.99 | 27.89 | 36.80 | 7.40 | 6.10 | 15.90 | 124.1 | 2.2 | 59.56 | 360000 | 16.60 | 4 107 11 12 |
| SD32B-2  | 32B-2 | 2.000 | 50.800 | 30.99 | 29.17 | 41.10 | 6.87 | 6.10 | 17.78 | 122.9 | 3.2 | 58.55 | 450000 | 21.00 | 4 107 11 12 |

\* Only with straight plates \* 只有直板链

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

如果是在提升应用中用到套筒或滚子链，请下载详细说明书方可拿到相应的CE证书。

Also available in European (BS) Standard triplex chain

也可以提供欧洲(BS)标准三排链

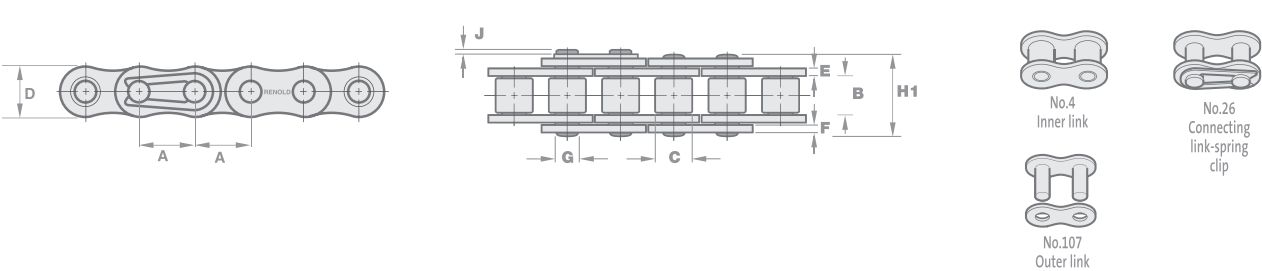
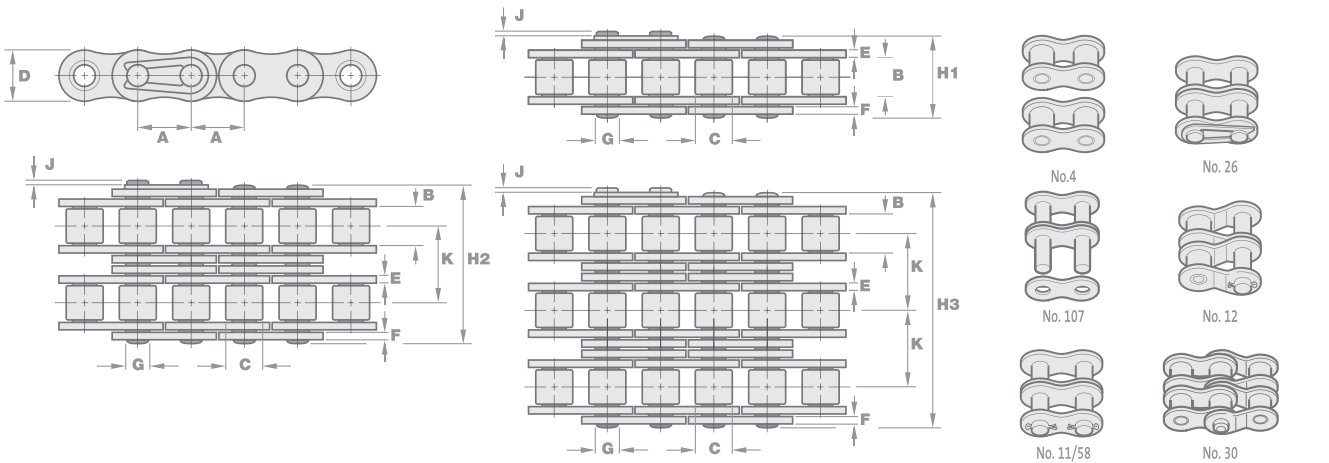
# Renold SD Roller Chain

## Standard Duty Chain 标准链条

# 标准附件

## Standard Attachments

### European (BS) Standard / ISO 606



Renold标准动力传输链条可以固定这页上显示的附件来作为输送的职责。附件可以安装在链条的一侧或两侧，也可以按照需要的间隔来安装。

Renold standard power transmission chain can be adapted for conveying duties by the fitment of attachments shown on these pages. The attachments can be assembled on one or both sides of the chain at any desired pitch spacing.

备注:

- 1. K2附件不能在链条同一侧的内外链节上装配
- 2. M2&K2附件不能在30号弯板链节双节旁安装

Note:

- 1. K2 attachments cannot be assembled on adjacent inner and outer links on the same side of the chain.
- 2. M2 & K2 attachments cannot be assembled next to a No. 30 Cranked link double joint.

| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供连接链节          |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |

### ANSI Standard - Simplex ANSI 标准 - 单排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H1    | J   | K |        |       |                   |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|---|--------|-------|-------------------|
| SD25-1° | 25-1  | 0.250 | 6.350  | 3.18  | 3.30  | 5.90  | 0.75 | 0.75 | 2.31  | 7.80  | 0.6 | - | 3500   | 0.15  | 4 107 26 30       |
| SD35-1° | 35-1  | 0.375 | 9.525  | 4.68  | 5.08  | 9.00  | 1.25 | 1.25 | 3.58  | 12.35 | 0.8 | - | 7900   | 0.33  | 4 107 26 30       |
| SD41-1  | 41-1  | 0.500 | 12.700 | 6.25  | 7.77  | 9.90  | 1.20 | 1.20 | 3.58  | 13.75 | 1.5 | - | 6700   | 0.41  | 4 107 26 30       |
| SD40-1  | 40-1  | 0.500 | 12.700 | 7.85  | 7.92  | 12.00 | 1.50 | 1.50 | 3.96  | 16.50 | 1.5 | - | 13900  | 0.62  | 4 107 26 30       |
| SD50-1  | 50-1  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.00 | 2.00 | 5.08  | 20.60 | 1.2 | - | 21800  | 1.02  | 4 107 11 26 12 30 |
| SD60-1  | 60-1  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.40 | 2.40 | 5.92  | 25.80 | 1.2 | - | 31300  | 1.50  | 4 107 11 26 12 30 |
| SD80-1  | 80-1  | 1.000 | 25.400 | 15.75 | 15.88 | 23.10 | 3.00 | 3.00 | 7.93  | 32.00 | 1.4 | - | 55600  | 2.60  | 4 107 11 58 12    |
| SD100-1 | 100-1 | 1.250 | 31.750 | 18.90 | 19.05 | 30.10 | 3.90 | 3.90 | 9.53  | 44.45 | 2.1 | - | 87000  | 3.91  | 4 107 11 58 12    |
| SD120-1 | 120-1 | 1.500 | 38.100 | 25.22 | 22.23 | 35.75 | 4.70 | 4.70 | 11.10 | 50.00 | 2.5 | - | 125000 | 5.62  | 4 107 11 58 12    |
| SD140-1 | 140-1 | 1.750 | 44.450 | 25.22 | 25.40 | 41.75 | 5.60 | 5.60 | 12.70 | 53.80 | 2.9 | - | 170000 | 7.50  | 4 107 11 58 12    |
| SD160-1 | 160-1 | 2.000 | 50.800 | 31.55 | 28.58 | 47.60 | 6.10 | 6.10 | 14.26 | 63.90 | 3.1 | - | 223000 | 9.768 | 4 107 11 58 12    |

### ANSI Standard - Duplex ANSI 标准 - 双排链

|         |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |                   |
|---------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|-------------------|
| SD40-2  | 40-2  | 0.500 | 12.700 | 7.85  | 7.92  | 12.00 | 1.50 | 1.50 | 3.96  | 30.9  | 1.0 | 14.38 | 27800  | 1.12  | 4 107 26 30       |
| SD50-2  | 50-2  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.00 | 2.00 | 5.08  | 38.7  | 1.2 | 18.11 | 43600  | 2.00  | 4 107 11 26 12 30 |
| SD60-2  | 60-2  | 0.750 | 19.050 | 12.57 | 11.91 | 17.50 | 2.40 | 2.40 | 5.92  | 48.6  | 1.2 | 22.78 | 62600  | 2.92  | 4 107 11 26 12 30 |
| SD80-2  | 80-2  | 1.000 | 25.400 | 15.75 | 15.88 | 23.10 | 3.00 | 3.00 | 7.93  | 61.9  | 1.5 | 29.29 | 111200 | 5.15  | 4 107 11 58 12    |
| SD100-2 | 100-2 | 1.250 | 31.750 | 18.90 | 19.05 | 30.10 | 4.00 | 4.00 | 9.53  | 76.5  | 2.1 | 35.76 | 174000 | 7.80  | 4 107 11 58 12    |
| SD120-2 | 120-2 | 1.500 | 38.100 | 25.22 | 22.23 | 35.75 | 4.70 | 4.70 | 11.10 | 95.4  | 2.5 | 45.44 | 250000 | 11.70 | 4 107 11 58 12    |
| SD140-2 | 140-2 | 1.750 | 44.450 | 25.22 | 25.40 | 41.75 | 5.60 | 5.60 | 12.70 | 102.7 | 2.9 | 48.87 | 340000 | 15.14 | 4 107 11 58 12    |
| SD160-2 | 160-2 | 2.000 | 50.800 | 31.55 | 28.58 | 47.60 | 6.10 | 6.10 | 14.27 | 122.5 | 3.1 | 58.55 | 446000 | 19.36 | 4 107 11 58 12    |

\* Bush Chain 套筒链  
For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.  
如果是在提升应用中用到套筒或滚子链，请下单前详细说明方可拿到相应的CE证书。

Also available in ANSI Standard triplex chain

也可以提供ANSI标准三排链条

询问更多信息：  
电话：400 826 1915  
邮箱：info.cn@renold.com  
www.renold.cn



Also available from **Renold**  
**Renold**也可以提供

**Roll-Ring 张紧器** 见70页  
**Roll-Ring Page 70**  
**Chain tensioner**



询问更多信息：  
电话：400 826 1915  
邮箱：info.cn@renold.com  
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**Chain Wear Guide**  
**Page 73**





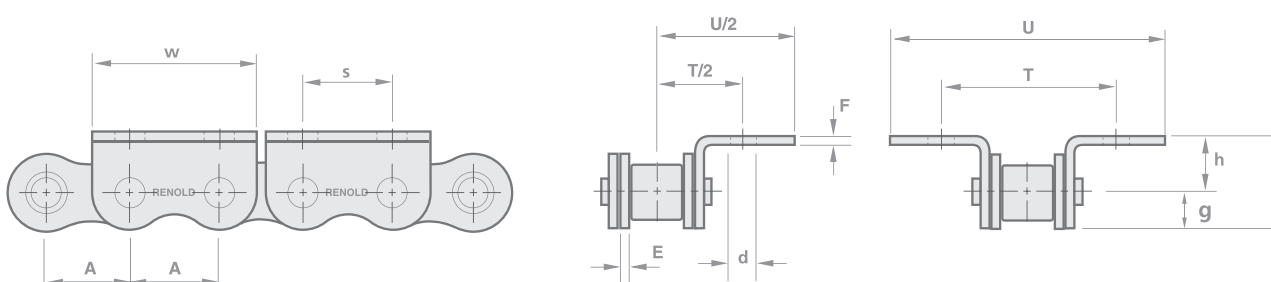
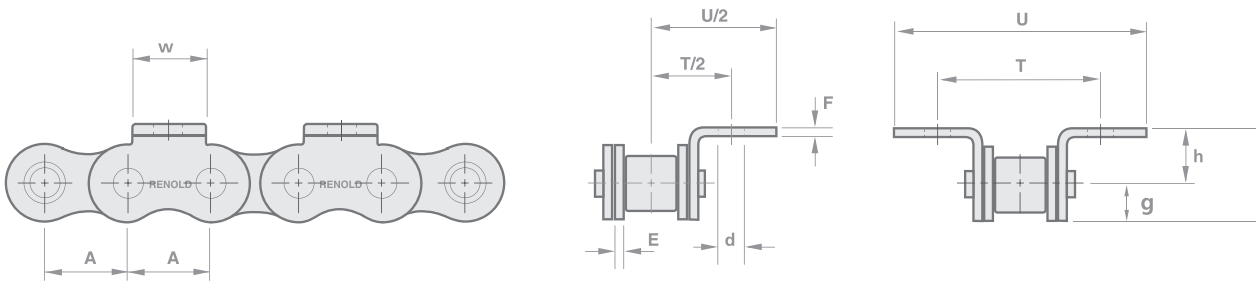
# K1 Attachments 附件

## ISO 606



# K2 Attachments 附件

## ISO 606



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |  |  |  |  |     |  |  |     |
|------------------|----------|------------------------------------|------------|--|--|--|--|-----|--|--|-----|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |  |  |  |  | Min |  |  | Max |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |  |  |  |  | 最小  |  |  | 最大  |

ISO Standard 标准

|       |     | A     | A      | E    | F    | w    | h    | d    | g     | T    | U     |
|-------|-----|-------|--------|------|------|------|------|------|-------|------|-------|
| 1161  | 04  | 0.236 | 6.000  | 0.57 | 0.57 | 5.8  | 4.5  | 2.3  | 2.5   | 11.2 | 17.6  |
| 05B1  | 05B | 0.315 | 8.000  | 0.73 | 0.73 | 7.8  | 5.3  | 2.3  | 3.4   | 13.5 | 21.5  |
| 06B1* | 06B | 0.375 | 9.525  | 1.25 | 1.00 | 8.0  | 6.7  | 3.3  | 4.0   | 19.6 | 28.5  |
| 08B1  | 08B | 0.500 | 12.700 | 1.5  | 1.51 | 11.0 | 8.9  | 4.3  | 5.8   | 25.4 | 42.2  |
| 10B1  | 10B | 0.625 | 15.875 | 1.5  | 1.51 | 14.0 | 10.3 | 5.3  | 6.8   | 31.8 | 49.8  |
| 12B1  | 12B | 0.750 | 19.050 | 1.76 | 1.76 | 16.0 | 13.5 | 6.4  | 8.1   | 38.1 | 52.7  |
| 16B1  | 16B | 1.000 | 25.400 | 3.70 | 3.00 | 24.0 | 15.9 | 6.6  | 10.25 | 50.8 | 84.9  |
| 20B1  | 20B | 1.250 | 31.750 | 4.40 | 4.45 | 30.2 | 19.8 | 8.4  | 12.5  | 63.5 | 89.5  |
| 24B1  | 24B | 1.500 | 38.100 | 6.0  | 5.00 | 36.0 | 28.0 | 10.5 | 16.7  | 88.0 | 124.7 |

\* 直板链  
\* Straight side plates

| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |  |  |  |  |     |  |  |     |
|------------------|----------|------------------------------------|------------|--|--|--|--|-----|--|--|-----|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |  |  |  |  | Min |  |  | Max |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |  |  |  |  | 最小  |  |  | 最大  |

ISO Standard 标准

|       |     | A     | A      | E    | F    | h    | d    | g     | w    | s    | T    | U     |
|-------|-----|-------|--------|------|------|------|------|-------|------|------|------|-------|
| 1161  | 04  | 0.236 | 6.000  | 0.57 | 0.57 | 4.5  | 2.3  | 2.5   | 11.1 | 6.0  | 11.2 | 17.6  |
| 05B1  | 05B | 0.315 | 8.000  | 0.73 | 0.73 | 5.3  | 2.3  | 3.4   | 14.8 | 8.0  | 13.5 | 21.5  |
| 06B1* | 06B | 0.375 | 9.525  | 1.25 | 1.00 | 6.7  | 3.3  | 4.1   | 17.6 | 9.5  | 19.6 | 28.5  |
| 08B1  | 08B | 0.500 | 12.700 | 1.5  | 1.5  | 8.9  | 4.3  | 5.8   | 24.3 | 12.7 | 25.4 | 37.8  |
| 10B1  | 10B | 0.625 | 15.875 | 1.5  | 1.5  | 10.3 | 5.3  | 6.8   | 30.3 | 15.8 | 31.8 | 45.2  |
| 12B1  | 12B | 0.750 | 19.050 | 1.76 | 1.76 | 13.5 | 6.4  | 8.1   | 35.4 | 19.0 | 38.1 | 55.2  |
| 16B1  | 16B | 1.000 | 25.400 | 3.70 | 3.70 | 15.9 | 6.4  | 10.25 | 45.4 | 25.4 | 50.8 | 78.0  |
| 20B1  | 20B | 1.250 | 31.750 | 4.40 | 4.45 | 19.9 | 8.4  | 12.5  | 57.0 | 31.7 | 63.5 | 89.5  |
| 24B1  | 24B | 1.500 | 38.100 | 6.0  | 5.00 | 28.0 | 10.5 | 16.7  | 71.5 | 38.1 | 88.0 | 124.7 |

\* 直板链  
\* Straight side plates

询问更多信息:  
电话: 400 826 1915  
邮箱: info.cn@renold.com  
www.renold.cn

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**Chain Wear Guide**  
*Page 73*

简单测量链条延长  
Measure chain extension easily  
链条量规见73页

**Roll-Ring Page 70**  
**Chain tensioner**

**Roll-Ring 张紧器**  
见70页

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*Page 73*

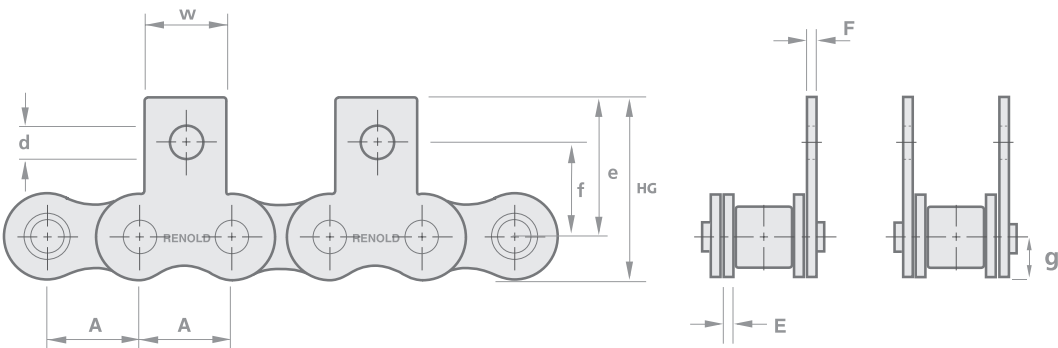
简单测量链条延长  
Measure chain extension easily  
链条量规见73页

**Roll-Ring Page 70**  
**Chain tensioner**

**Roll-Ring 张紧器**  
见70页

# M1 Attachments 附件

Renold & ISO 606



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |  |  |  |  |  |     |  |  |
|------------------|----------|------------------------------------|------------|--|--|--|--|--|-----|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |  |  |  |  |  | Min |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |  |  |  |  |  | 最小  |  |  |

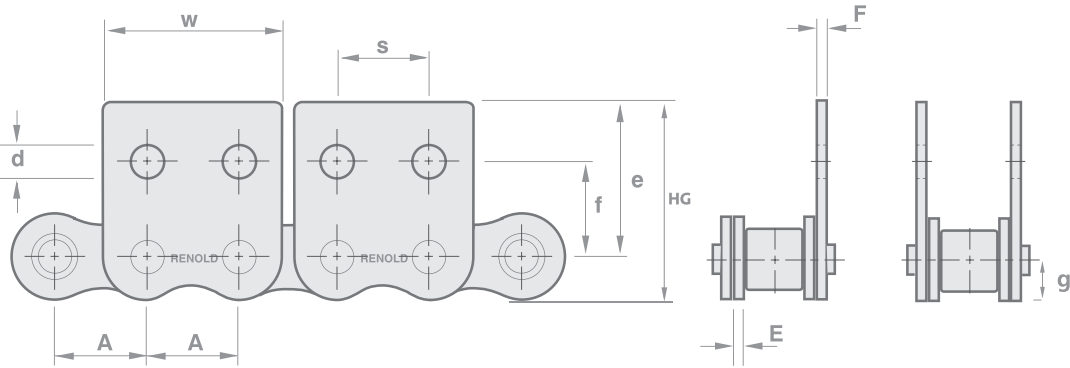
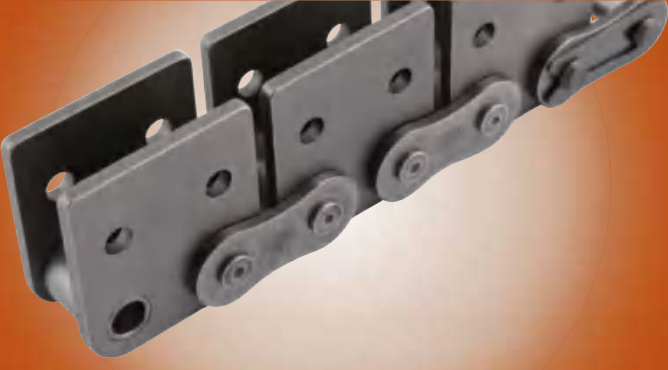
ISO Standard 标准

|       |     | A     | A      | E    | F    | w    | e    | f    | d    | g     | HG   |
|-------|-----|-------|--------|------|------|------|------|------|------|-------|------|
| 1161  | 04  | 0.236 | 6.000  | 0.57 | 0.57 | 5.8  | 10.0 | 6.8  | 2.3  | 2.5   | 12.5 |
| 05B1  | 05B | 0.315 | 8.000  | 0.73 | 0.73 | 7.8  | 11.9 | 8.6  | 2.3  | 3.4   | 15.3 |
| 06B1* | 06B | 0.375 | 9.525  | 1.25 | 1.00 | 8.0  | 14.5 | 10.1 | 3.3  | 4.0   | 18.5 |
| 08B1  | 08B | 0.500 | 12.700 | 1.5  | 1.5  | 11.0 | 20.8 | 13.7 | 4.3  | 5.8   | 26.6 |
| 10B1  | 10B | 0.625 | 15.875 | 1.5  | 1.5  | 14.0 | 25.1 | 16.5 | 5.3  | 6.8   | 31.7 |
| 12B1  | 12B | 0.750 | 19.050 | 1.76 | 1.76 | 18.0 | 31.6 | 21.0 | 6.4  | 8.1   | 36.3 |
| 16B1  | 16B | 1.000 | 25.400 | 3.70 | 3.70 | 24.0 | 39.7 | 23.0 | 6.4  | 10.25 | 50.0 |
| 20B1  | 20B | 1.250 | 31.750 | 4.40 | 4.45 | 30.2 | 47.3 | 30.5 | 8.4  | 12.5  | 60.0 |
| 24B1  | 24B | 1.500 | 38.100 | 6.0  | 5.00 | 36.0 | 61.5 | 42.7 | 10.5 | 16.7  | 78.2 |

\* 直板链  
\* Straight side plates

# M2 Attachments 附件

ISO 606



| Chain Ref.       |          | Technical Details (mm) |            |  |  |  |  |  |     |  |  |
|------------------|----------|------------------------|------------|--|--|--|--|--|-----|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)           | Pitch (mm) |  |  |  |  |  | Min |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                | 节距 (毫米)    |  |  |  |  |  | 最小  |  |  |

ISO Standard 标准

|       |     | A     | A      | E    | F    | e    | f    | d    | g     | w    | s    | HG   |
|-------|-----|-------|--------|------|------|------|------|------|-------|------|------|------|
| 1161  | 04  | 0.236 | 6.000  | 0.57 | 0.57 | 10.0 | 6.8  | 2.3  | 2.5   | 11.1 | 6.0  | 12.5 |
| 05B1  | 05B | 0.315 | 8.000  | 0.73 | 0.73 | 11.9 | 8.6  | 2.3  | 3.4   | 14.8 | 8.0  | 15.3 |
| 06B1* | 06B | 0.375 | 9.525  | 1.25 | 1.00 | 14.5 | 10.1 | 3.3  | 4.1   | 17.6 | 9.5  | 18.5 |
| 08B1  | 08B | 0.500 | 12.700 | 1.5  | 1.5  | 21.0 | 13.0 | 4.3  | 5.8   | 24.3 | 12.7 | 26.6 |
| 10B1  | 10B | 0.625 | 15.875 | 1.5  | 1.5  | 25.1 | 16.5 | 5.3  | 6.8   | 30.3 | 15.8 | 31.7 |
| 12B1  | 12B | 0.750 | 19.050 | 1.76 | 1.76 | 31.6 | 21.0 | 6.4  | 8.1   | 35.4 | 19.0 | 36.3 |
| 16B1  | 16B | 1.000 | 25.400 | 3.70 | 3.70 | 39.7 | 23.0 | 6.4  | 10.25 | 45.4 | 25.4 | 50.0 |
| 20B1  | 20B | 1.250 | 31.750 | 4.40 | 4.45 | 47.3 | 30.5 | 8.4  | 12.5  | 57.3 | 31.7 | 60.0 |
| 24B1  | 24B | 1.500 | 38.100 | 6.0  | 5.00 | 61.5 | 42.7 | 10.5 | 16.7  | 71.5 | 38.1 | 78.2 |

\* 直板链  
\* Straight side plates

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Page 73

简单测量链条延长  
Measure chain extension easily

链条量规见73页

**Roll-Ring Page 70**  
Chain tensioner

**Roll-Ring 张紧器**  
见70页

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Measure chain extension easily

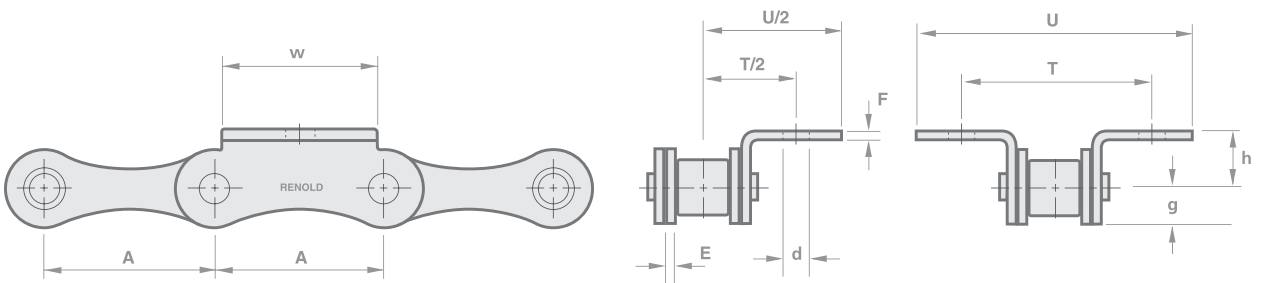
链条量规见73页

**Roll-Ring Page 70**  
Chain tensioner

**Roll-Ring 张紧器**  
见70页



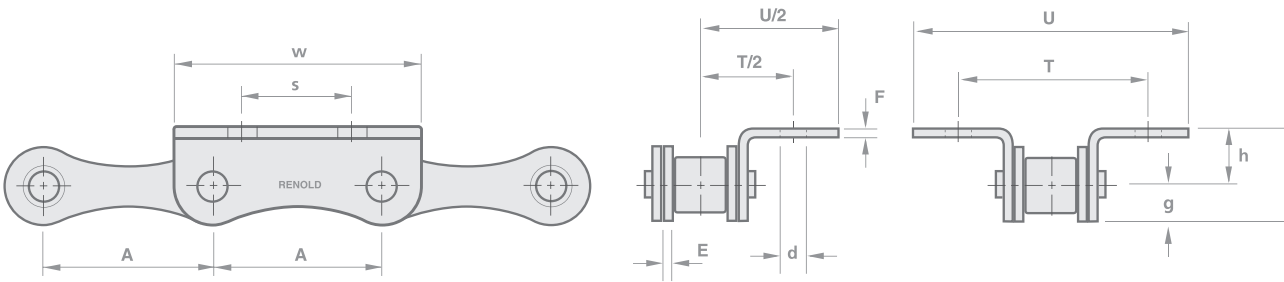
双节距K1/K2附件  
Double Pitch K1/K2 Attachments



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |  |  |  |  |  |  |  |  |  |
|------------------|----------|------------------------------------|------------|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |

Renold BS K1 Attachments 附件

|        |      | A    | A     | E    | F    | h    | T    | d    | g    | w    | U    | HG    |
|--------|------|------|-------|------|------|------|------|------|------|------|------|-------|
| 208B1* | 208B | 1.00 | 25.40 | 1.5  | 1.5  | 8.5  | 27.2 | 4.3  | 5.75 | 23.8 | 40.6 | 16.25 |
| 210B1* | 210B | 1.25 | 31.75 | 1.5  | 1.5  | 10.5 | 31.6 | 5.3  | 7.3  | 35.4 | 48.5 | 17.8  |
| 212B1* | 212B | 1.50 | 38.10 | 1.76 | 1.76 | 12.2 | 35.2 | 6.4  | 8.0  | 20.0 | 54.8 | 20.2  |
| 216B1  | 216B | 2.00 | 50.80 | 3.70 | 3.00 | 17.0 | 58.0 | 8.4  | 10.3 | 40.0 | 83.8 | 27.3  |
| 220B1  | 220B | 2.50 | 63.50 | 4.40 | 4.10 | -    | -    | 10.5 | 11.3 | 69.0 | -    | -     |
| 224B1  | 224B | 3.00 | 76.20 | 5.40 | 5.00 | -    | -    | 10.5 | 16.7 | 88.0 | -    | -     |



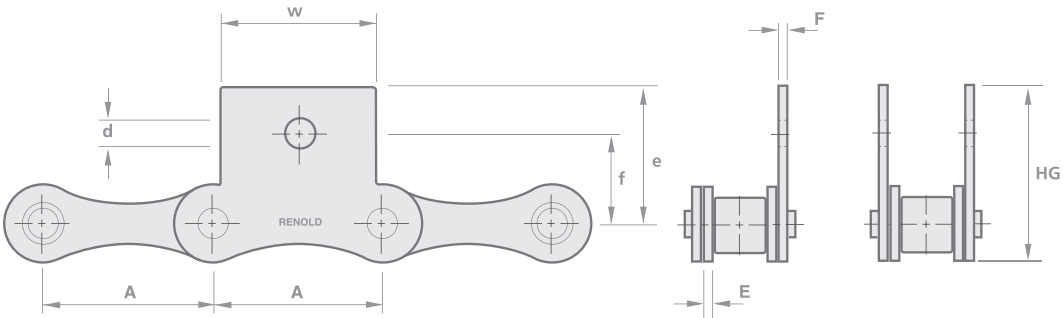
| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |  |  |  |  |  |  |  |  |  |
|------------------|----------|------------------------------------|------------|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |

Renold BS K2 Attachments 附件

|         |       | A    | A     | E    | F    | h    | d    | g    | w    | s    | T    | U    | HG    |
|---------|-------|------|-------|------|------|------|------|------|------|------|------|------|-------|
| 113083* | 208B1 | 1.00 | 25.40 | 1.5  | 1.5  | 8.5  | 4.3  | 7.75 | 37.1 | 12.7 | 27.6 | 42.5 | 16.25 |
| 113103* | 210B1 | 1.25 | 31.75 | 1.5  | 1.5  | 10.5 | 5.3  | 7.3  | 46.7 | 15.8 | 31.6 | 48.5 | 17.8  |
| 113123* | 212B1 | 1.50 | 38.10 | 1.76 | 1.76 | 12.2 | 6.4  | 8.0  | 54.4 | 19.0 | 35.2 | 54.8 | 20.2  |
| 113168  | 216B1 | 2.00 | 50.80 | 3.70 | 3.00 | 17.0 | 8.4  | 10.3 | 71.3 | 25.4 | 58.0 | 83.8 | 27.3  |
| 113203  | 220B1 | 2.50 | 63.50 | 4.40 | 4.10 | 21.0 | 10.5 | 11.3 | 86.5 | 31.7 | 69.0 | 98.7 | -     |

\* 直板链  
\* Straight side plates

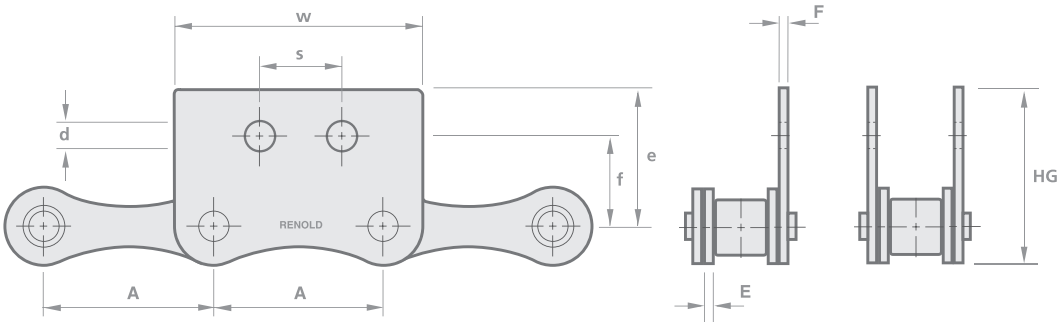
双节距M1/M2附件  
Double Pitch M1/M2 Attachments



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |  |  |  |  |  |  |  |  |  |
|------------------|----------|------------------------------------|------------|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |

Renold BS M1 Attachments 附件

|         |       | A    | A     | E    | F    | w    | e    | f    | d    | g    | HG   |
|---------|-------|------|-------|------|------|------|------|------|------|------|------|
| 113083* | 208B1 | 1.00 | 25.40 | 1.5  | 1.5  | 23.8 | 20.8 | 13.7 | 4.3  | 5.75 | 26.6 |
| 113103* | 210B1 | 1.25 | 31.85 | 1.5  | 1.5  | 25.4 | 24.9 | 16.5 | 5.3  | 7.3  | 32.2 |
| 113123* | 212B1 | 1.50 | 38.10 | 1.76 | 1.76 | 20.0 | 28.3 | 18.5 | 6.4  | 8.0  | 36.3 |
| 113168  | 216B1 | 2.00 | 50.80 | 3.70 | 3.00 | 40.0 | 40.0 | 27.4 | 8.4  | 10.3 | 50.3 |
| 113203  | 220B1 | 2.50 | 63.50 | 4.40 | 4.10 | 40.0 | 48.7 | 33.0 | 10.5 | 11.3 | -    |
| 113243  | 224B1 | 3.00 | 76.20 | 5.40 | 5.00 | 70.0 | 61.5 | 42.7 | 10.5 | 16.7 | -    |



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |  |  |  |  |  |  |  |  |  |
|------------------|----------|------------------------------------|------------|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |

Renold BS K2 Attachments 附件

|         |       | A    | A     | E    | F    | e    | f    | d    | g    | w    | s    | HG   |
|---------|-------|------|-------|------|------|------|------|------|------|------|------|------|
| 113083* | 208B1 | 1.00 | 25.40 | 1.5  | 1.5  | 20.8 | 13.7 | 4.3  | 5.75 | 37.1 | 12.7 | 26.6 |
| 113103* | 210B1 | 1.25 | 31.75 | 1.5  | 1.5  | 24.9 | 16.5 | 5.3  | 7.3  | 46.7 | 15.8 | 32.2 |
| 113123* | 212B1 | 1.50 | 38.10 | 1.76 | 1.76 | 28.3 | 18.5 | 6.4  | 8.0  | 54.4 | 19.0 | 36.3 |
| 113168  | 216B1 | 2.00 | 50.80 | 3.70 | 3.00 | 40.0 | 27.4 | 8.4  | 10.3 | 71.3 | 25.4 | 50.3 |
| 113203  | 220B1 | 2.50 | 63.50 | 4.40 | 4.10 | 48.7 | 33.0 | 10.5 | 11.3 | 86.5 | 31.7 | -    |
| 113243  | 224B1 | 3.00 | 76.20 | 5.40 | 5.00 | 61.5 | 42.7 | 10.5 | 16.7 | -    | 38.1 | -    |

\* 直板链  
\* Straight side plates

# Extended Bearing Pins

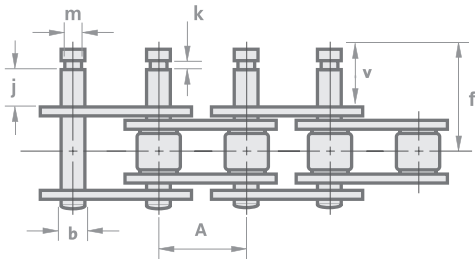
European (BS) Standard / ISO 606

# 加长销轴

欧洲(BS)标准/ISO 606

加长销轴 + 弹簧卡环凹槽 (C型)  
Extended pin + circlip groove (type C)

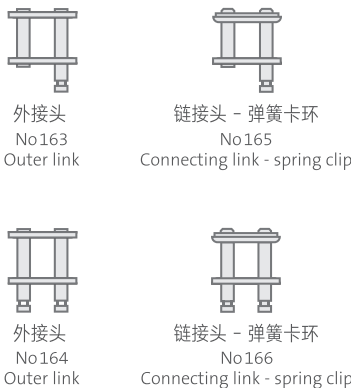
适用于符合BS 3673第二部分的标准外部弹簧卡环  
to suit standard external circlips to BS3673 Part 2



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |               |                                    |                      |                      |                                    |                  |
|------------------|----------|------------------------------------|------------|---------------|------------------------------------|----------------------|----------------------|------------------------------------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Pin Diam.     | Extension Length to Circlip Groove | Circlip Groove Width | Circlip Groove Diam. | Chain track from chain Centre line | Extension Length |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 销轴最大直径<br>MAX | 销轴凹槽的最大加长长度                        | 卡环凹槽最小宽度<br>MIN      | 卡环凹槽最小直径<br>MIN      | 中心线到链槽最大距离<br>MAX                  | 加长长度             |

| Type C | C型    | A     | A      | b    | j     | k    | m     | f     | v     |
|--------|-------|-------|--------|------|-------|------|-------|-------|-------|
| 08B1   | 08B-1 | 0.500 | 12.700 | 4.45 | 7.16  | 0.64 | 3.125 | 17.85 | 9.2   |
| 10B1   | 10B-1 | 0.625 | 15.875 | 5.08 | 9.5   | 0.71 | 3.61  | 21.5  | 11.9  |
| 12B1   | 12B-1 | 0.750 | 19.050 | 5.72 | 11.96 | 0.74 | 3.925 | 25.15 | 15.6  |
| 16B1   | 16B-1 | 1.000 | 25.400 | 8.28 | 15.75 | 1.25 | 7.15  | 50.65 | 34.63 |

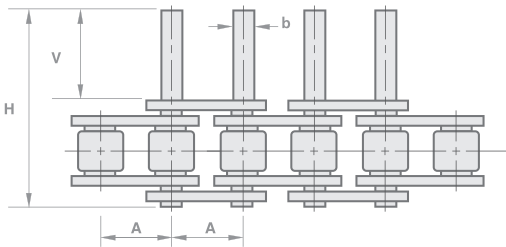
装置总成  
Unit assemblies



带有弹簧卡环凹槽的加长销轴  
Extended pins with circlip groove  
(不提供卡环除非特别指明)  
(clip not supplied unless specifically requested)



Extended pin (type D) 加长销轴 (D型)

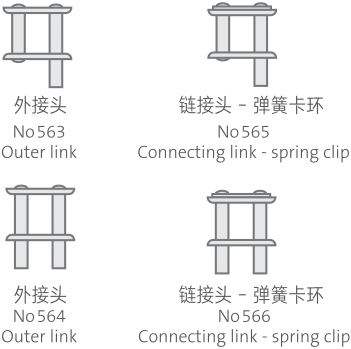


| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |           |                  |               |
|------------------|----------|------------------------------------|------------|-----------|------------------|---------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Pin Diam. | Extension Length | PIN Length    |
| 链条编号             | 编号       | 节距 (英寸)                            | 节距 (毫米)    | 销轴直径      | 加长长度<br>±0.25    | 销轴最小长度<br>MIN |

| Type D - ISO 606 |       | A     | A      | b     | v    | H     |
|------------------|-------|-------|--------|-------|------|-------|
| 06B1*            | 06B-1 | 0.375 | 9.525  | 3.28  | 11.3 | 23.0  |
| 08B1             | 08B-1 | 0.500 | 12.700 | 4.45  | 14.8 | 30.4  |
| 10B1             | 10B-1 | 0.625 | 15.875 | 5.06  | 17.6 | 35.4  |
| 12B1             | 12B-1 | 0.750 | 19.050 | 5.70  | 20.7 | 41.4  |
| 16B1             | 16B-1 | 1.000 | 25.400 | 8.27  | 33.3 | 66.8  |
| 20B1             | 20B-1 | 1.250 | 31.750 | 10.17 | 38.3 | 77.9  |
| 24B1             | 24B-1 | 1.500 | 38.100 | 14.63 | 50.3 | 101.3 |

\* 直板链  
\* Straight side plates

装置总成  
Unit assemblies



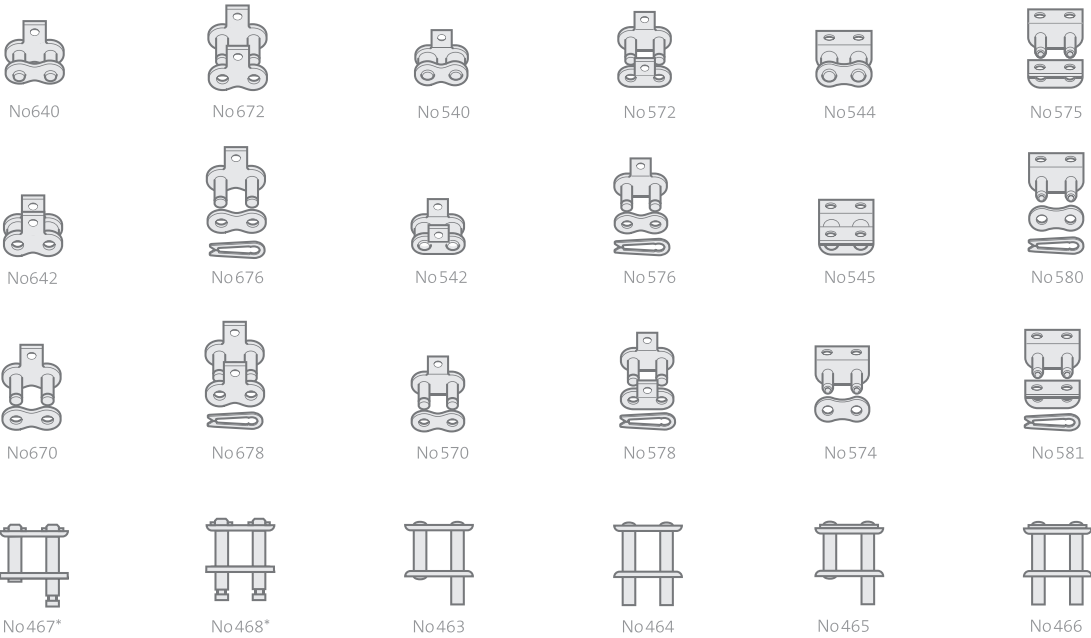
直线式加长销轴  
Straight extended pin



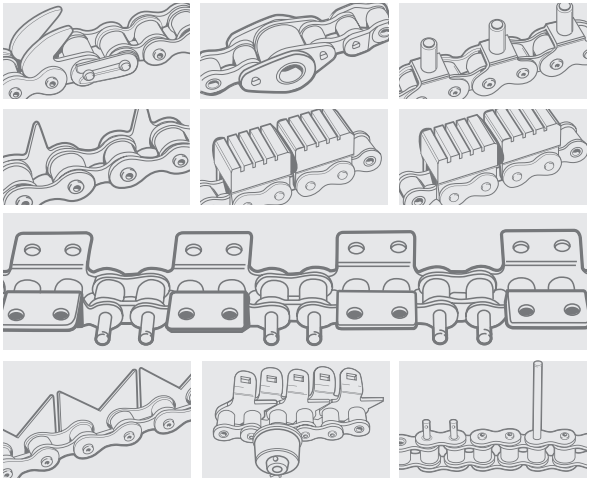
# 带附件链条链接头

# Attachment Chain Connecting Links

ANSI Standard 标准



\* Ansi 80



- 除了我们标准系列链条之外，我们还提供：
- 按照您的特殊要求改装且配有专用附件的标准系列链条
  - 为了符合具体要求而专门设计、配有一体式附件的链条

Renold改装链能够在任何节距规格的链条中设计、制造、装配的特殊链板、销轴、滚子或者组件。可以采用普通材料、不锈钢或塑料来制造附件。

我们很希望能够了解您的要求，并且在强度、耐用性、价格及发货等方面对您的要求进行评估。我们可以根据您的自己的设计来制造链条或者基于原有的图纸改装链条。

图中所示仅为各种链条产品中的一小部分， 这些链条已经在各种产品的进料、输送及卸载等多种工业中得到成功的应用。

## Special or adapted roller chain

In addition to our ranges of standard series chain we can also offer:

- Standard Series Chain adapted to your unique needs with special attachments
- Special Chain designed with integral attachments to meet individual requirements

Renold adapted chain can be in the form of special plates, pin rollers, or blocks which can be designed, manufactured and assembled into chain of all pitch sizes.

Attachments can be made from normal materials, stainless steel or plastics.

We will be pleased to receive details of your requirements and evaluate them for strength, durability, price and despatch. They can be manufactured from your own designs or adapted from existing drawings.

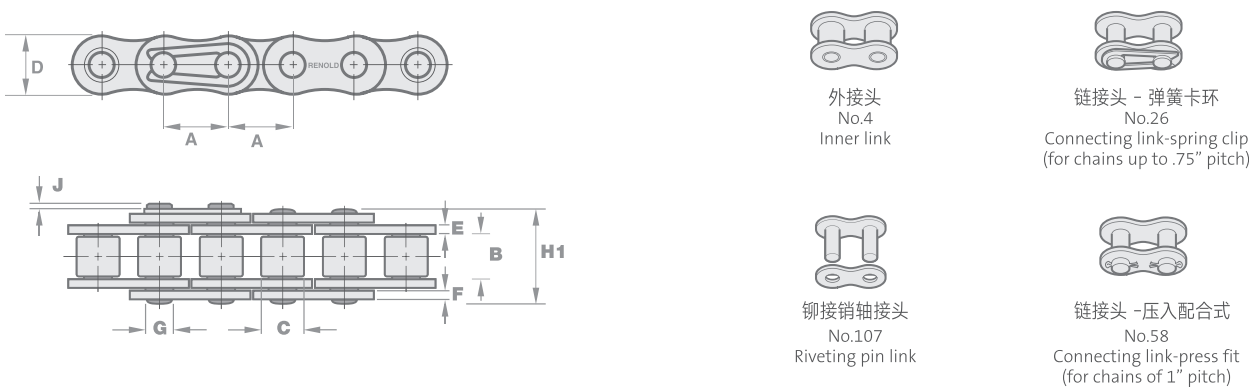
The illustrations show only a small selection of the wide range of variants and these chains have been used successfully in many branches of industry for the feeding, conveying and discharge of a variety of products.



标准附件

Standard Attachments

ANSI standard 标准



Renold standard power transmission chain can be adapted for conveying duties by the fitment of attachments shown on these pages. The attachments can be assembled on one or both sides of the chain at any desired pitch spacing.

- Note:
- K2 attachments cannot be assembled on adjacent inner and outer links on the same side of the chain.
  - M2 & K2 attachments cannot be assembled next to a No. 30 Cranked link double joint.

Bearing pins with an extension on one side of the chain can be built into chain at any desired pitch spacing and afford a simple means by which attachments or tubular staybars may be secured to chain.

| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |                               |                               |                               |                                     |                                     |                            |                             |                                          |                                                  |                      |
|------------------|----------|-----------------------------------|------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------------|-------------------------------------|----------------------------|-----------------------------|------------------------------------------|--------------------------------------------------|----------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width<br>最小内节内宽<br>MIN | Roller Diam.<br>滚子最大直径<br>MAX | Plate Height<br>链板最大高度<br>MAX | Plate Width Inner<br>内链板最大宽度<br>MAX | Plate Width Outer<br>外链板最大宽度<br>MAX | Pin Diam.<br>销轴最大直径<br>MAX | Pin Length<br>销轴最大长度<br>MAX | Conn. Link Extension<br>止锁件附加最大宽度<br>MAX | ISO606 Tensile Strength (NEWTONS)<br>最小拉力<br>MIN | Weight<br>重量<br>kg/m |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    |                               |                               |                               |                                     |                                     |                            |                             |                                          |                                                  |                      |
| 35A1°            | 35       | 0.375                             | 9.525      | 4.68                          | 5.08                          | 8.6                           | 1.25                                | 1.25                                | 3.59                       | 12.0                        | 3.3                                      | 10000                                            | 0.31                 |
| 40A1             | 40       | 0.500                             | 12.700     | 7.85                          | 7.92                          | 11.2                          | 1.5                                 | 1.5                                 | 3.97                       | 16.4                        | 3.9                                      | 16900                                            | 0.6                  |
| 50A1             | 50       | 0.625                             | 15.875     | 9.40                          | 10.16                         | 14.6                          | 2.0                                 | 2.0                                 | 5.08                       | 20.4                        | 4.1                                      | 27800                                            | 1.0                  |
| 60A1             | 60       | 0.750                             | 19.050     | 12.57                         | 11.91                         | 17.5                          | 2.4                                 | 2.4                                 | 5.94                       | 25.3                        | 4.6                                      | 38000                                            | 1.51                 |
| 80A1             | 80       | 1.000                             | 25.400     | 15.75                         | 15.88                         | 23.0                          | 3.0                                 | 3.0                                 | 7.93                       | 32.0                        | 5.4                                      | 56700                                            | 2.59                 |

- ° 套筒链
- ° 套筒直径
- ° Bush Chain
- ° Bush Diameter

询问更多信息:  
电话: 400 826 1915  
邮箱: info.cn@renold.com  
www.renold.cn

Also available from Renold  
Renold也可以提供

Chain Wear Guide  
Page 73

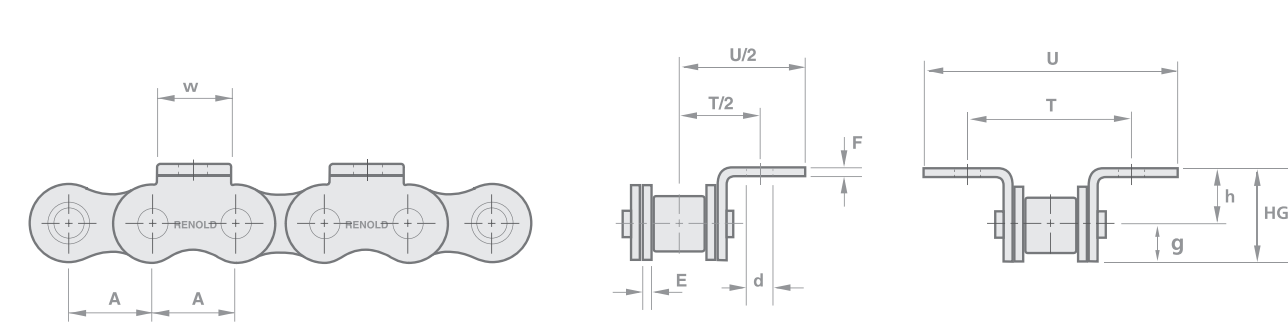
简单测量链条延长  
Measure chain extension easily  
链条量规见73页

Roll-Ring  
Chain tensioner

Roll-Ring 张紧器  
见70页

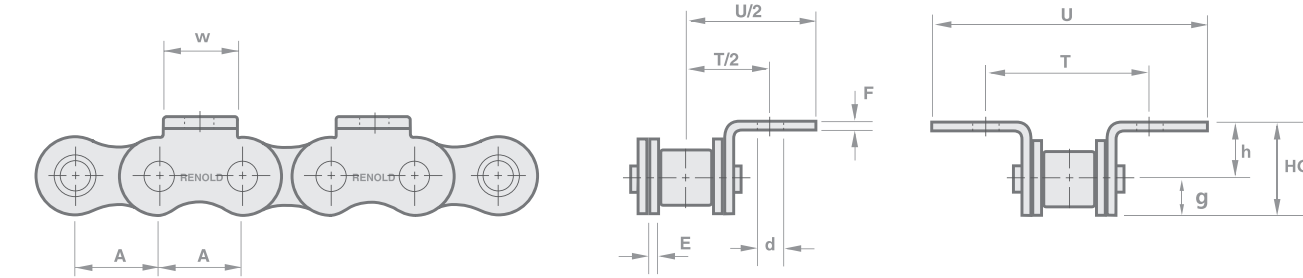
K1 Attachments 附件

ANSI B29.100 / ISO 606



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |  |  |  |  |  |  |  |  |  |  |
|------------------|----------|-----------------------------------|------------|--|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) |  |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |  |

|      |    | A     | A      | E   | F   | w     | h      | d   | g     | T    | U    | HG    |
|------|----|-------|--------|-----|-----|-------|--------|-----|-------|------|------|-------|
| 40A1 | 40 | 0.500 | 12.700 | 1.5 | 1.5 | 9.50  | 7.900  | 3.6 | 5.5   | 25.4 | 34.4 | 13.4  |
| 50A1 | 50 | 0.625 | 15.875 | 2.0 | 2.0 | 12.70 | 10.300 | 5.3 | 7.75  | 31.8 | 42.2 | 18.05 |
| 60A1 | 60 | 0.750 | 19.050 | 2.4 | 2.4 | 15.90 | 11.9   | 5.3 | 8.6   | 38.1 | 58.0 | 20.5  |
| 80A1 | 80 | 1.000 | 25.400 | 3.0 | 3.0 | 24.0  | 15.9   | 6.6 | 10.25 | 50.8 | 63.0 | 26.15 |

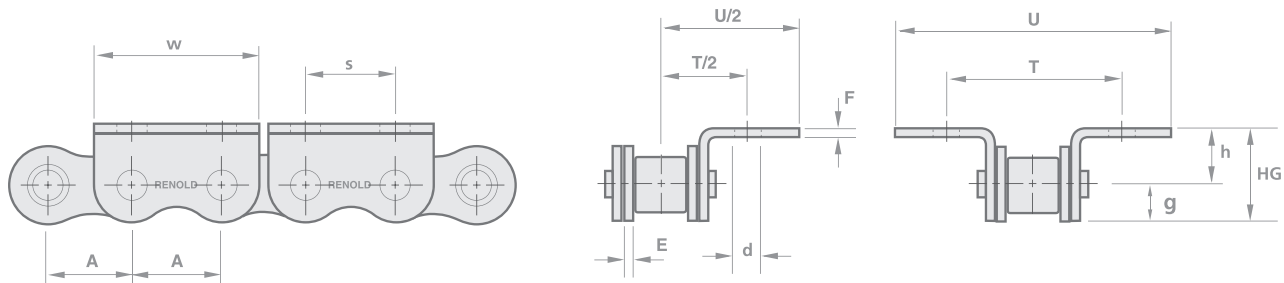


| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |  |  |  |  |  |  |  |  |  |  |
|------------------|----------|-----------------------------------|------------|--|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) |  |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |  |

|      |    | A     | A      | E    | F    | w    | h    | d   | g     | T    | U    | HG    |
|------|----|-------|--------|------|------|------|------|-----|-------|------|------|-------|
| 40A1 | 40 | 0.500 | 12.700 | 1.5  | 1.5  | 9.5  | 7.9  | 3.6 | 5.5   | 25.4 | 34.5 | 13.4  |
| 50A1 | 50 | 0.625 | 15.875 | 2.00 | 2.00 | 12.7 | 10.3 | 5.3 | 7.2   | 31.8 | 42.2 | 18.05 |
| 60A1 | 60 | 0.750 | 19.050 | 2.40 | 2.40 | 15.9 | 11.9 | 5.3 | 8.6   | 38.1 | 51.2 | 20.5  |
| 80A1 | 80 | 1.000 | 25.400 | 3.00 | 3.00 | 19.1 | 15.9 | 6.6 | 10.23 | 50.8 | 63.0 | 26.15 |

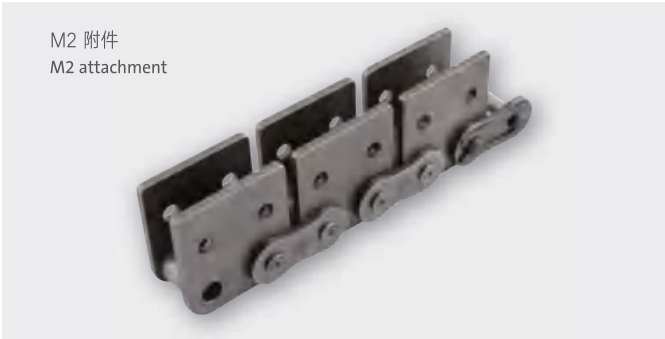
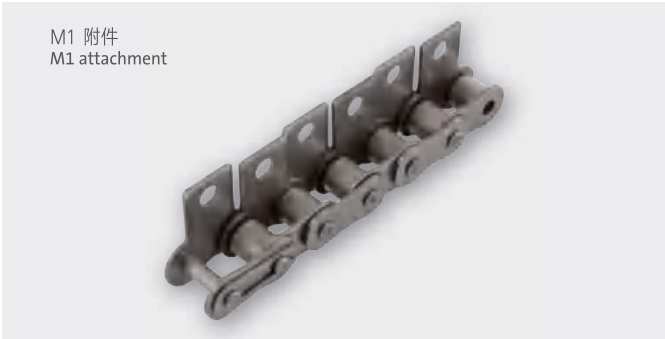
# K2 Attachments 附件

ANSI B29.100 / ISO 606



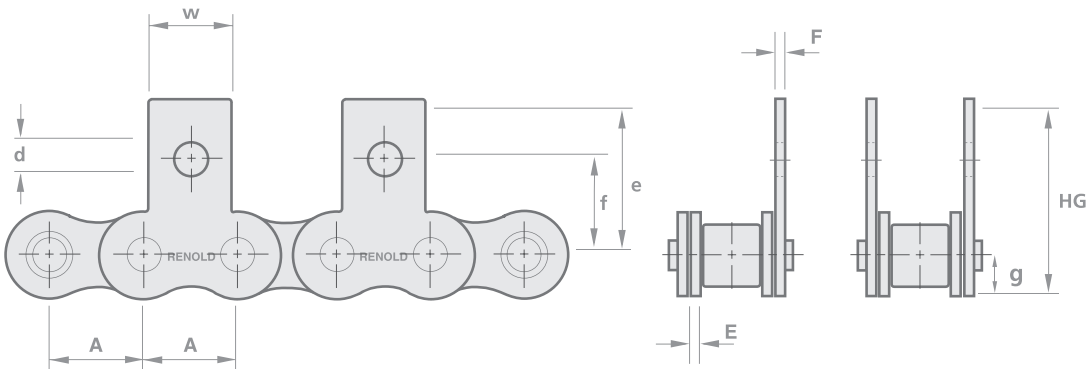
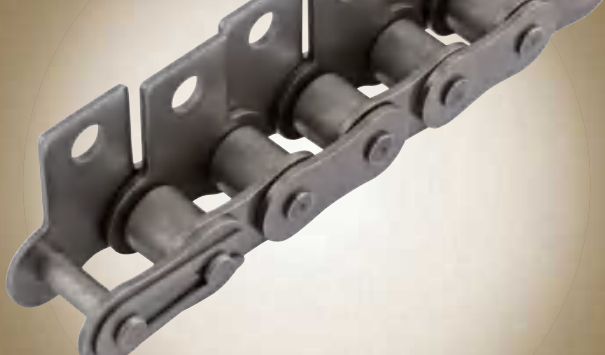
| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |      |      |      |      |     |       |      |      |      |       |
|------------------|----------|------------------------------------|------------|------|------|------|------|-----|-------|------|------|------|-------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |      |      |      |      |     |       |      |      |      |       |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |      |      |      |      |     |       |      |      |      |       |
| 40A1             | 40       | 0.500                              | 12.700     | 1.5  | 1.5  | 24.5 | 7.9  | 3.6 | 5.3   | 12.7 | 25.4 | 34.4 | 13.4  |
| 50A1             | 50       | 0.625                              | 15.875     | 2.00 | 2.00 | 30.3 | 10.3 | 5.3 | 7.2   | 15.8 | 31.8 | 42.2 | 18.05 |
| 60A1             | 60       | 0.750                              | 19.050     | 2.40 | 2.40 | 36.3 | 11.9 | 5.3 | 8.6   | 19.0 | 38.1 | 51.2 | 20.5  |
| 80A1             | 80       | 1.000                              | 25.400     | 3.00 | 3.00 | 48.4 | 15.9 | 6.6 | 10.25 | 25.4 | 50.8 | 63.0 | 26.15 |

\* 直板链  
\* Straight side plates



# M1 Attachments 附件

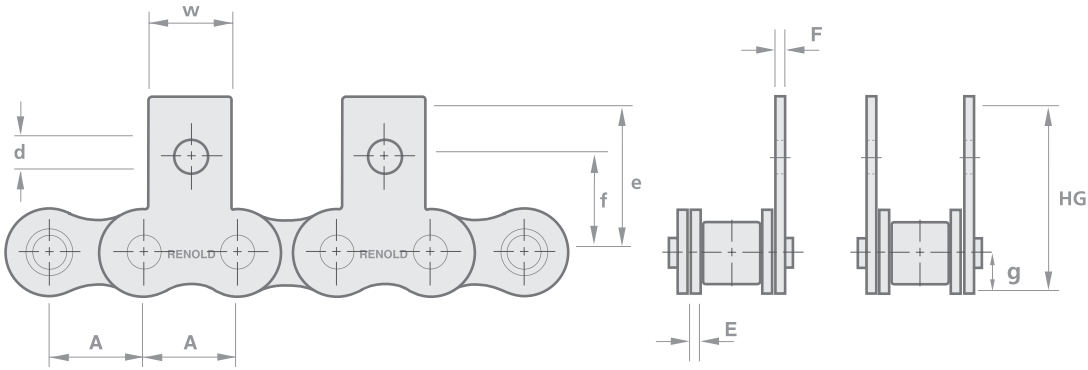
ANSI B29.100 / ISO 606



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |     |     |      |      |      |     |       |      |  |  |
|------------------|----------|------------------------------------|------------|-----|-----|------|------|------|-----|-------|------|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |     |     |      |      |      |     |       |      |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |     |     |      |      |      |     |       |      |  |  |
| 40A1             | 40       | 0.500                              | 12.700     | 1.5 | 1.5 | 9.5  | 17.5 | 12.7 | 3.3 | 5.5   | 24.1 |  |  |
| 50A1             | 50       | 0.625                              | 15.875     | 2.0 | 2.0 | 12.7 | 24.6 | 15.9 | 5.3 | 7.15  | 30.1 |  |  |
| 60A1             | 60       | 0.750                              | 19.050     | 2.4 | 2.4 | 15.9 | 27.7 | 18.3 | 5.3 | 8.6   | 35.6 |  |  |
| 80A1             | 80       | 1.000                              | 25.400     | 3.0 | 3.0 | 24.0 | 39.7 | 24.6 | 6.6 | 10.25 | 44.6 |  |  |

ANSI Standard ANSI 标准

|      |    | A     | A      | E   | F   | w    | e    | f    | d   | g     | HG   |
|------|----|-------|--------|-----|-----|------|------|------|-----|-------|------|
| 40A1 | 40 | 0.500 | 12.700 | 1.5 | 1.5 | 9.5  | 17.5 | 12.7 | 3.3 | 5.5   | 24.1 |
| 50A1 | 50 | 0.625 | 15.875 | 2.0 | 2.0 | 12.7 | 24.6 | 15.9 | 5.3 | 7.15  | 30.1 |
| 60A1 | 60 | 0.750 | 19.050 | 2.4 | 2.4 | 15.9 | 27.7 | 18.3 | 5.3 | 8.6   | 35.6 |
| 80A1 | 80 | 1.000 | 25.400 | 3.0 | 3.0 | 24.0 | 39.7 | 24.6 | 6.6 | 10.25 | 44.6 |



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |      |      |      |      |      |     |       |      |  |  |
|------------------|----------|------------------------------------|------------|------|------|------|------|------|-----|-------|------|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) |      |      |      |      |      |     |       |      |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    |      |      |      |      |      |     |       |      |  |  |
| 40A1             | 40       | 0.500                              | 12.700     | 1.5  | 1.5  | 9.5  | 18.6 | 12.7 | 3.6 | 5.5   | 24.1 |  |  |
| 50A1             | 50       | 0.625                              | 15.875     | 2.00 | 2.00 | 12.7 | 22.9 | 15.9 | 5.3 | 7.2   | 30.1 |  |  |
| 60A1             | 60       | 0.750                              | 19.050     | 2.40 | 2.40 | 15.9 | 27.0 | 18.3 | 5.3 | 8.6   | 35.6 |  |  |
| 80A1             | 80       | 1.000                              | 25.400     | 3.00 | 3.00 | 19.1 | 34.3 | 24.6 | 6.6 | 10.25 | 44.6 |  |  |

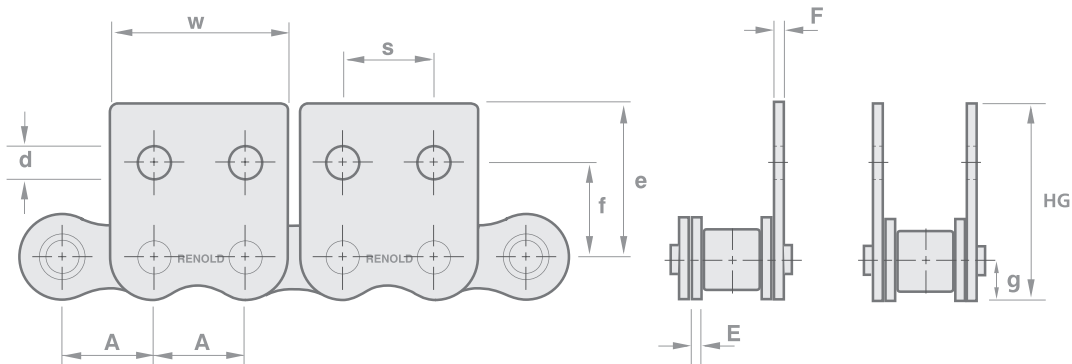
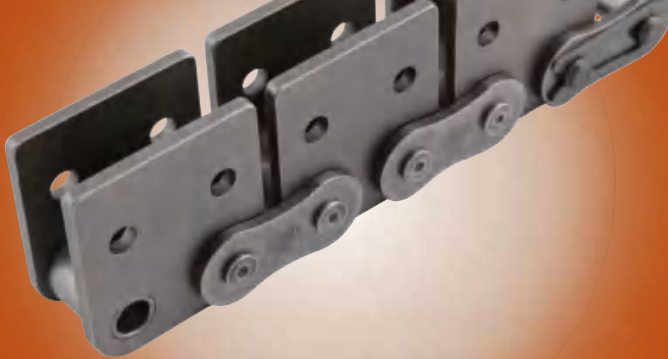
ISO/ANSI Standard ISO/ANSI 标准

|      |    | A     | A      | E    | F    | w    | e    | f    | d   | g     | HG   |
|------|----|-------|--------|------|------|------|------|------|-----|-------|------|
| 40A1 | 40 | 0.500 | 12.700 | 1.5  | 1.5  | 9.5  | 18.6 | 12.7 | 3.6 | 5.5   | 24.1 |
| 50A1 | 50 | 0.625 | 15.875 | 2.00 | 2.00 | 12.7 | 22.9 | 15.9 | 5.3 | 7.2   | 30.1 |
| 60A1 | 60 | 0.750 | 19.050 | 2.40 | 2.40 | 15.9 | 27.0 | 18.3 | 5.3 | 8.6   | 35.6 |
| 80A1 | 80 | 1.000 | 25.400 | 3.00 | 3.00 | 19.1 | 34.3 | 24.6 | 6.6 | 10.25 | 44.6 |



# M2 Attachments 附件

ANSI B29.100 / ISO 606



| Chain Ref.       |               | Technical Details (mm) 详细技术数据（毫米） |            |  |  |  |  |  |  |  |  |  |
|------------------|---------------|-----------------------------------|------------|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ANSI ISO Ref. | Pitch (inch)                      | Pitch (mm) |  |  |  |  |  |  |  |  |  |
| 链条编号             | 编号            | 节距 (英寸)                           | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |

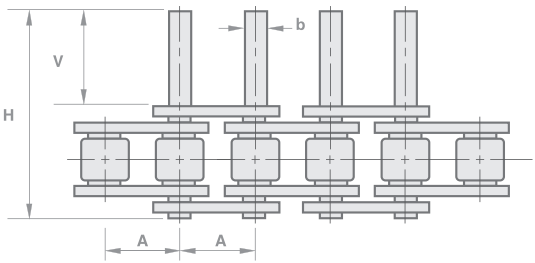
ISO/ANSI Standard    ISO/ANSI 标准

|      |    | A     | A      | E    | F    | e    | f    | d   | g     | w    | s    | HG   |
|------|----|-------|--------|------|------|------|------|-----|-------|------|------|------|
| 40A1 | 40 | 0.500 | 12.700 | 1.5  | 1.5  | 18.6 | 12.7 | 3.6 | 5.5   | 24.0 | 12.7 | 24.1 |
| 50A1 | 50 | 0.625 | 15.875 | 2.00 | 2.00 | 22.9 | 15.9 | 5.3 | 7.2   | 30.3 | 15.8 | 30.1 |
| 60A1 | 60 | 0.750 | 19.050 | 2.40 | 2.40 | 27.0 | 18.3 | 5.3 | 8.6   | 36.3 | 19.0 | 35.6 |
| 80A1 | 80 | 1.000 | 25.400 | 3.00 | 3.00 | 34.3 | 24.6 | 6.6 | 10.25 | 48.4 | 25.4 | 44.6 |

# Extended Bearing Pins 加长销轴

ANSI B29.100 / ISO 606

加长销轴 (D型)  
Extended pin (type D)



| Chain Ref.       |           | Technical Details (mm) 详细技术数据（毫米） |            |             |                  |            |  |
|------------------|-----------|-----------------------------------|------------|-------------|------------------|------------|--|
| Renold Chain No. | ANSI Ref. | Pitch (inch)                      | Pitch (mm) | Pitch Diam. | Extension Length | Pin Length |  |
| 链条编号             | ANSI编号    | 节距 (英寸)                           | 节距 (毫米)    | 销轴直径        | 加长长度 ±0.25       | 销轴最大长度 MAX |  |

ANSI Standard    ANSI 标准

|       |    | A     | A      | b     | v     | H    |
|-------|----|-------|--------|-------|-------|------|
| 35A1° | 35 | 0.375 | 9.525  | 3.59  | 9.5   | 20.6 |
| 40A1  | 40 | 0.500 | 12.700 | 3.94  | 9.5   | 25.0 |
| 50A1  | 50 | 0.625 | 15.875 | 5.075 | 11.85 | 31.1 |
| 60A1  | 60 | 0.750 | 19.050 | 5.92  | 14.3  | 38.3 |
| 80A1  | 80 | 1.000 | 25.400 | 7.91  | 18.2  | 50.1 |

° 套筒链  
° Bush Chain

装置总成  
Unit assemblies



外接头  
No 463  
Outer link



外接头  
No 464  
Outer link



链接头 - 弹簧卡环  
No 465  
Connecting link-spring clip



链接头 - 弹簧卡环  
No 466  
Connecting link-spring clip



链接头 - 开口销  
No 467  
Connecting link-split pin



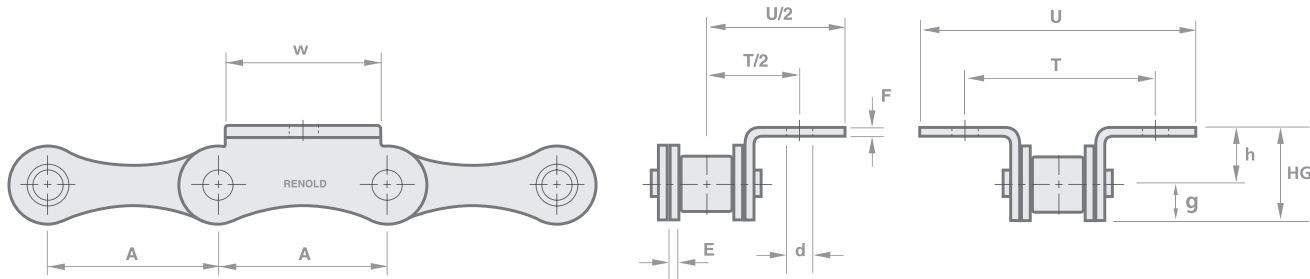
链接头 - 开口销  
No 468  
Connecting link-split pin



加长销轴  
Extended pin

# Double Pitch K1/M1 Attachments 附件

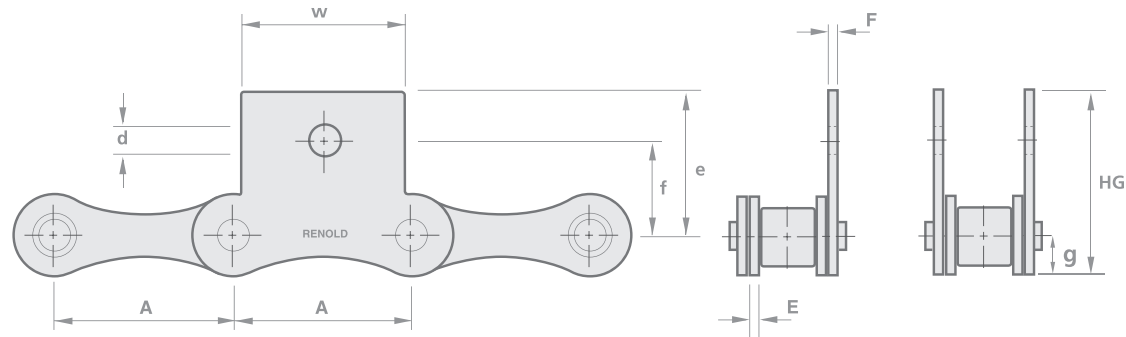
ANSI B29.100 / ISO 606



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |  |  |  |  |  |  |  |  |  |
|------------------|----------|-----------------------------------|------------|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |

ANSI Standard K1    ANSI 标准 K1

|         |       | A    | A     | E    | F    | w     | h    | d   | g    | T    | U    | HG    |
|---------|-------|------|-------|------|------|-------|------|-----|------|------|------|-------|
| 113040  | 2040  | 1.00 | 25.40 | 1.5  | 1.5  | 19.05 | 9.1  | 3.5 | 5.75 | 25.4 | 38.6 | 14.85 |
| 113050  | 2050  | 1.25 | 31.75 | 2.00 | 2.00 | 23.8  | 11.1 | 5.3 | 7.4  | 31.8 | 48.3 | 18.5  |
| 113060  | 2060  | 1.50 | 38.10 | 2.40 | 2.40 | 28.6  | 14.7 | 5.3 | 8.8  | 43.2 | 58.4 | 23.5  |
| 113560* | C2060 | 1.50 | 38.10 | 2.4  | 2.4  | 28.6  | 14.7 | 5.3 | 8.8  | 43.2 | 58.4 | 23.5  |



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |  |  |  |  |  |  |  |  |  |
|------------------|----------|-----------------------------------|------------|--|--|--|--|--|--|--|--|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) |  |  |  |  |  |  |  |  |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    |  |  |  |  |  |  |  |  |  |

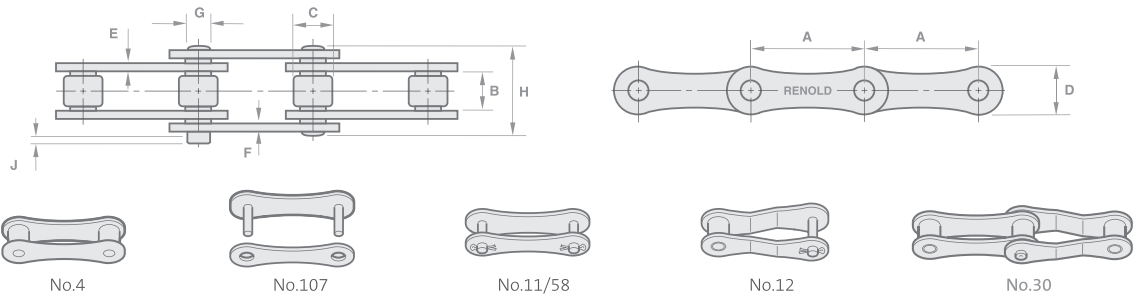
ANSI Standard M1    ANSI 标准 M1

|         |       | A    | A     | E    | F    | w     | e    | f    | d   | g    | HG    |
|---------|-------|------|-------|------|------|-------|------|------|-----|------|-------|
| 113040  | 2040  | 1.00 | 25.40 | 1.5  | 1.5  | 19.05 | 19.9 | 13.5 | 3.5 | 5.75 | 25.65 |
| 113050  | 2050  | 1.75 | 31.75 | 2.00 | 2.00 | 23.8  | 24.6 | 15.9 | 5.3 | 7.4  | 32.0  |
| 113060  | 2060  | 1.50 | 38.10 | 2.40 | 2.40 | 28.6  | 30.2 | 19.0 | 5.3 | 8.8  | 39.0  |
| 113560* | C2060 | 1.50 | 38.10 | 3.17 | 3.17 | 28.6  | 30.2 | 19.0 | 5.3 | 8.8  | 39.0  |

\* 直板链  
\* Straight side plates

Double Pitch Chain 双节距链条

ISO 1275 / ANSI B29.100



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |             |             |                      |                  |                                   | Connecting Links |          |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-------------|-------------|----------------------|------------------|-----------------------------------|------------------|----------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.   | Pin Length  | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight           | 可提供的连接链节 |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节 内宽        | 滚子最大 直径 MAX  | 链板最大 高度 MAX  | 内链板 最大宽度 MAX      | 外链板 最大宽度 MAX      | 销轴最 大直径 MAX | 销轴最 大长度 MAX | 止锁件附加 最大宽度 MAX       | 排距 NOM           | 最小拉力 MIN                          | kg/m             |          |

ISO 1275 - Simplex ISO 1275 - 单排链

|         |      | A    | A      | B     | C     | D     | E    | F    | G     | H     | J   | K |        |      |             |
|---------|------|------|--------|-------|-------|-------|------|------|-------|-------|-----|---|--------|------|-------------|
| 113083* | 208B | 1.00 | 25.40  | 7.75  | 8.51  | 11.70 | 1.50 | 1.50 | 4.45  | 16.5  | 3.9 | - | 18000  | 0.45 | 4 107 11 30 |
| 113103* | 210B | 1.25 | 31.75  | 9.65  | 10.16 | 14.60 | 1.50 | 1.50 | 5.08  | 18.8  | 4.1 | - | 22200  | 0.56 | 4 107 11 30 |
| 113123* | 212B | 1.50 | 38.10  | 11.68 | 12.07 | 16.00 | 1.76 | 1.76 | 5.77  | 22.7  | 4.6 | - | 30500  | 0.90 | 4 107 11 30 |
| 113168  | 216B | 2.00 | 50.80  | 17.02 | 15.88 | 20.30 | 3.70 | 3.00 | 8.28  | 35.7  | 5.4 | - | 60000  | 1.75 | 4 107 11 30 |
| 113203  | 220B | 2.50 | 63.50  | 19.56 | 19.05 | 25.90 | 4.45 | 3.50 | 10.17 | 40.3  | 6.1 | - | 95000  | 2.45 | 4 107 11 12 |
| 113243  | 224B | 3.00 | 76.20  | 25.40 | 25.40 | 33.30 | 6.00 | 5.00 | 14.63 | 53.15 | 6.6 | - | 160000 | 4.80 | 4 107 26 12 |
| 113323  | 232B | 4.00 | 101.60 | 30.99 | 29.21 | 40.13 | 7.11 | 6.35 | 17.81 | 67.4  | 7.9 | - | 255000 | 5.95 | 4 107 11    |

ANSI Standard - Conveyor Small Roller ANSI 标准 - 小滚子

|         |   | A    | A      | B     | C     | D     | E    | F    | G     | H    | J   | K |        |      |                |
|---------|---|------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|------|----------------|
| C2040R* | - | 1.00 | 25.40  | 7.85  | 7.92  | 11.80 | 1.50 | 1.50 | 3.97  | 16.5 | 3.9 | - | 13900  | 0.50 | 4 107 11 58 12 |
| C2050R* | - | 1.25 | 31.75  | 9.40  | 10.16 | 15.00 | 2.00 | 2.00 | 5.09  | 20.6 | 4.1 | - | 21800  | 0.84 | 4 107 11 58 12 |
| C2060R* | - | 1.50 | 38.10  | 12.57 | 11.91 | 18.00 | 2.40 | 2.40 | 5.92  | 25.8 | 4.6 | - | 31300  | 1.44 | 4 107 11 58 12 |
| C2080R* | - | 2.00 | 50.80  | 15.75 | 15.88 | 23.80 | 4.00 | 4.00 | 7.93  | 36.4 | 5.4 | - | 55600  | 2.42 | 4 107 11 58 12 |
| C2100H* | - | 2.50 | 63.50  | 19.00 | 19.05 | 30.10 | 4.68 | 4.68 | 9.53  | 47.5 | 4.3 | - | 87000  | 3.47 | 4 107 11 58 12 |
| C2120H* | - | 3.00 | 76.20  | 25.40 | 22.23 | 35.10 | 5.61 | 5.61 | 11.11 | 52.4 | 5.3 | - | 185900 | 4.93 | 4 107 11 58 12 |
| C2160H* | - | 4.00 | 101.60 | 31.50 | 28.58 | 47.90 | 7.30 | 7.30 | 14.29 | 65.6 | 6.7 | - | 305500 | 8.00 | 4 107 11 58 12 |

ANSI Standard - Conveyor Large Roller ANSI 标准 - 大滚子

|         |   | A    | A      | B     | C     | D     | E    | F    | G     | H    | J   | K |        |       |                |
|---------|---|------|--------|-------|-------|-------|------|------|-------|------|-----|---|--------|-------|----------------|
| C2042R* | - | 1.00 | 25.40  | 7.85  | 15.88 | 11.80 | 1.50 | 1.50 | 3.96  | 16.5 | 3.9 | - | 13900  | 0.85  | 4 107 11 58 12 |
| C2052R* | - | 1.25 | 31.75  | 9.40  | 19.05 | 15.00 | 2.00 | 2.00 | 5.09  | 20.6 | 4.1 | - | 21800  | 1.26  | 4 107 11 58 12 |
| C2062R* | - | 1.50 | 38.10  | 12.57 | 22.23 | 17.80 | 3.17 | 3.17 | 5.95  | 28.6 | 4.6 | - | 38000  | 2.03  | 4 107 11 58 12 |
| C2082R* | - | 2.00 | 50.80  | 15.75 | 28.58 | 23.80 | 4.00 | 4.00 | 7.93  | 36.4 | 5.4 | - | 55600  | 3.57  | 4 107 11 58 12 |
| C2102H* | - | 2.50 | 63.50  | 19.00 | 39.67 | 30.10 | 4.68 | 4.68 | 9.58  | 43.9 | 4.3 | - | 87000  | 5.89  | 4 107 11 58 12 |
| C2122H* | - | 3.00 | 76.20  | 25.40 | 44.45 | 35.75 | 5.60 | 5.60 | 11.10 | 53.6 | 5.3 | - | 125000 | 7.90  | 4 107 11 58 12 |
| C2162H* | - | 4.00 | 101.60 | 31.50 | 57.15 | 47.90 | 7.30 | 7.30 | 14.29 | 65.6 | 6.7 | - | 305500 | 12.80 | 4 107 11 58 12 |

ANSI Standard - Drive Chain ANSI 标准 - 驱动链

|       |   | A    | A     | B     | C     | D     | E    | F    | G    | H    | J   | K |       |      |                |
|-------|---|------|-------|-------|-------|-------|------|------|------|------|-----|---|-------|------|----------------|
| A2040 | - | 1.00 | 25.40 | 7.85  | 7.92  | 12.00 | 1.50 | 1.50 | 3.96 | 16.5 | 3.9 | - | 13900 | 0.45 | 4 107 11 58 12 |
| A2050 | - | 1.25 | 31.75 | 9.40  | 10.16 | 15.00 | 2.00 | 2.00 | 5.09 | 20.6 | 4.1 | - | 21800 | 0.70 | 4 107 11 58 12 |
| A2060 | - | 1.50 | 38.10 | 12.57 | 11.91 | 18.00 | 2.40 | 2.40 | 5.92 | 25.8 | 4.6 | - | 31300 | 1.05 | 4 107 11 58 12 |
| A2080 | - | 2.00 | 50.80 | 15.75 | 15.88 | 23.80 | 3.00 | 3.00 | 7.93 | 32.7 | 5.4 | - | 55600 | 1.82 | 4 107 11 58 12 |

\* 直板链  
\* Straight side plates

Renold ANSI 重型链

Heavy Series Chain

重载系列

RENOLD HEAVY SERIES



| Chain Type     | Strength    | Wear        | Heavy Loads | Shock Loads | High Speeds     |
|----------------|-------------|-------------|-------------|-------------|-----------------|
| 种类             | 强度          | 磨损          | 重载荷         | 冲击载荷        | 高速              |
| Standard ANSI  | Good优秀      | Excellent卓越 | Good优秀      | Good优秀      | Excellent卓越     |
| HEAVY H Range  | Good优秀      | Excellent卓越 | Excellent卓越 | Good优秀      | Not Suitable不合格 |
| HEAVY V Range  | Excellent卓越 | Good优秀      | Good优秀      | Excellent卓越 | Good优秀          |
| HEAVY HV Range | Excellent卓越 | Good优秀      | Excellent卓越 | Excellent卓越 | Not Suitable不合格 |



# Renold ANSI 重型链 Heavy Series Chain

RENOLD重型型链条融合了独有的可提高性能的特征，这包括：无缝套筒、链板挤孔、喷丸及优化的过盈配合。这系列链条所具有的特殊性能可分为以下几类：

- 较厚的侧链板，用“H”表示。这种链板比标准的ANSI链条大概厚20%。
- 整体淬火的销轴，用“V”表示

ANSI XTRA链条齿轮装置的尺寸与我们标准的ANSI系列单排链完全相同，因此可以在标准链轮上运转配有重载型侧链板(H或HV系列),而且排距较大的双排链和三排链需要特殊的链轮。

因此，该系列链条的特性可总结如下：

**H系列**—除了总宽度以外，其他方面与标准的ANSI链条完全相同。由于链板较厚，因此这种链条具有承受重载荷的出色性能，而且有助于减震。双排链和三排链必须配有轮齿排距加大的链轮。

**V系列**—尺寸与标准的ANSI链条完全相同，但是这种链条具有更高的断裂载荷以及承受冲击载荷的最佳性能。

**HV系列**—这种链条结合了‘H’和‘V’系列链条的优点，它同时具备承受中载荷和冲击载荷的最佳性能。

通过对传动装置的链轮轮齿进行淬火处理可以进一步延长链条的使用寿命。‘H’和‘HV’系列链条都是为提高抗疲劳使用寿命而设计的，因此，我们不建议采用抗疲劳性较差的偏移配合与滑动配合式接头。

下表所示是一个易于使用的特性指南，它有助于选择符合应用要求的链条。

ANSI 重载系列滚子链是专门为适合下述艰苦条件中的应用设计、制造的，即：存在频繁的冲击载荷或重载荷或者工作条件非常恶劣，比如：采矿、采石、岩石钻探、林业及建筑行业。这种链条可以与我们的标准ANSI系列链条互换使用，而且可用于提高现有应用的性能（取决于一般设计和安装检查）。如果有需要，还可以提供多排链。

## Product description

RENOLD HEAVY SERIES chain incorporates the usual Renold performance enhancing features including seamless bushes, ball drifted plate holes, shot peening and optimum interference fits. The extra features incorporated into this range of chain is classified by:

- Thicker side plates denoted by ‘H’. These plates are approximately 20% thicker than standard ANSI chain
- Through hardened pins, denoted by ‘V’

The gearing dimensions of ANSI XTRA chain are identical to our standard ANSI simplex range and will therefore run on standard sprockets. The larger transverse pitch of duplex and triplex chains with heavy duty side plates (H or HV range) require special sprockets.

The range can therefore be summarised as follows:

**H Range** - Identical to standard ANSI chain

with the exception of the overall width. Thicker plates give this chain excellent resistance to heavy loads and help absorb shock. Duplex and triplex chain must have sprockets with an increased transverse pitch of the teeth.

**V Range** - Identical dimensions to standard ANSI chain but with a higher breaking load

and excellent resistance to shock loads.

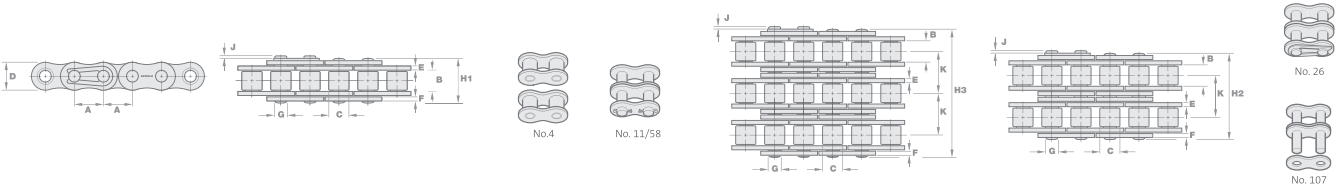
**HV Range** - A combination of the ‘H’ and ‘V’ chain, giving excellent resistance to both heavy and shock loads.

A further enhancement to the chain life can be achieved by hardening the sprocket teeth of the drive. ‘H’ and ‘HV’ chains are designed for improved fatigue life, therefore offset and slip fit joints which have a lower fatigue resistance are not recommended.

Shown below is an easy to use features guide to help in selecting chain to suit its application.

ANSI HEAVY SERIES roller chain is specifically designed and manufactured for arduous applications where frequent, impulsive or heavy loads are involved, or where operating conditions are severe as in the mining, quarrying, rock drilling, forestry and construction industries. This chain is interchangeable with our standard ANSI range and can be used to upgrade the performance of existing applications subject to normal design and installation checks. Multiplex versions are also available on request.

# 重载型链条 ...THE HEAVY DUTY CHAIN



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |             |            |                      |                  |                                   |           | Connecting Links |  |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-------------|------------|----------------------|------------------|-----------------------------------|-----------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.   | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight 重量 | 可提供的连接链节         |  |
| 链条编号             | ISO编号    | 节距 (英寸)                           | 节距 (毫米)    | 内节 内宽        | 滚子最大 直径 MAX  | 链板最大 高度 MAX  | 内链板 最大宽度 MAX      | 外链板 最大宽度 MAX      | 销轴最大 直径 MAX | 销轴最大长度 MAX | 止链件附加 最大长度 MAX       | 排距 NOM           | 最小拉力 MIN                          | kg/m      |                  |  |

## ANSI HEAVY SERIES - Simplex and Multiplex 重载系列 – 单排链和多排链

|        |         | A     | A      | B      | C      | D      | E     | F     | G      | H1      | J     | K      |        |        |             |
|--------|---------|-------|--------|--------|--------|--------|-------|-------|--------|---------|-------|--------|--------|--------|-------------|
| 60H1   | 60H-1   | 0.750 | 19.050 | 12.570 | 11.910 | 17.500 | 3.000 | 3.000 | 5.940  | 28.900  | 4.600 | -      | 31300  | 1.800  | 4 107 58    |
| 60H2   | 60H-2   | 0.750 | 19.050 | 12.570 | 11.910 | 17.500 | 3.000 | 3.000 | 5.940  | 55.000  | 4.600 | 26.110 | 62600  | 3.600  | 4 107 58    |
| 60H3   | 60H-3   | 0.750 | 19.050 | 12.570 | 11.910 | 17.500 | 3.000 | 3.000 | 5.940  | 81.100  | 4.600 | 26.110 | 93900  | 5.400  | 4 107 58    |
| 60HV1  | 60HV-1  | 0.750 | 19.050 | 12.570 | 11.910 | 17.500 | 3.000 | 3.000 | 5.940  | 28.900  | 4.600 | -      | 41500  | 1.800  | 4 107 58    |
| 60HV2  | 60HV-2  | 0.750 | 19.050 | 12.570 | 11.910 | 17.500 | 3.000 | 3.000 | 5.940  | 55.000  | 4.600 | 26.110 | 83000  | 3.550  | 4 107 58    |
| 60HV3  | 60HV-3  | 0.750 | 19.050 | 12.570 | 11.910 | 17.500 | 3.000 | 3.000 | 5.940  | 83.100  | 4.600 | 26.110 | 124500 | 5.300  | 4 107 58    |
| 80H1   | 80H-1   | 1.000 | 25.400 | 15.750 | 15.880 | 23.100 | 4.060 | 4.060 | 7.940  | 36.400  | 5.400 | -      | 55600  | 3.300  | 4 107 58    |
| 80H2   | 80H-2   | 1.000 | 25.400 | 15.750 | 15.880 | 23.100 | 4.060 | 4.060 | 7.940  | 68.950  | 5.400 | 32.590 | 112200 | 6.600  | 4 107 58    |
| 80H3   | 80H-3   | 1.000 | 25.400 | 15.750 | 15.880 | 24.050 | 4.060 | 4.060 | 7.940  | 101.550 | 5.400 | 32.590 | 166800 | 9.900  | 4 107 58    |
| 80V1   | 80V-1   | 1.000 | 25.400 | 15.750 | 15.880 | 24.050 | 3.000 | 3.000 | 7.940  | 32.70   | 5.400 | -      | 69200  | 2.800  | 4 107 11 58 |
| 80V2   | 80V-2   | 1.000 | 25.400 | 15.750 | 15.880 | 24.050 | 3.000 | 3.000 | 7.940  | 61.90   | 5.400 | 29.290 | 138400 | 5.500  | 4 107 11 58 |
| 80V3   | 80V-3   | 1.000 | 25.400 | 15.750 | 15.880 | 24.050 | 3.250 | 3.250 | 7.940  | 91.200  | 5.400 | 29.290 | 207600 | 8.300  | 4 107 11 58 |
| 80HV1  | 80HV-1  | 1.000 | 25.400 | 15.750 | 15.880 | 24.050 | 4.060 | 4.060 | 7.940  | 36.400  | 5.400 | -      | 87000  | 3.300  | 4 107 58    |
| 80HV2  | 80HV-2  | 1.000 | 25.400 | 15.750 | 15.880 | 24.050 | 4.060 | 4.060 | 7.940  | 69.000  | 5.400 | 32.590 | 138400 | 6.600  | 4 107 58    |
| 80HV3  | 80HV-3  | 1.000 | 25.400 | 15.750 | 15.880 | 24.050 | 4.060 | 4.060 | 7.940  | 101.550 | 5.400 | 32.590 | 207600 | 9.900  | 4 107 58    |
| 100H1  | 100H-1  | 1.250 | 31.750 | 18.900 | 19.050 | 30.100 | 4.680 | 4.680 | 9.540  | 43.900  | 6.100 | -      | 87000  | 4.800  | 4 107 58    |
| 100H2  | 100H-2  | 1.250 | 31.750 | 18.900 | 19.050 | 30.100 | 4.680 | 4.680 | 9.540  | 83.100  | 6.100 | 39.090 | 174000 | 10.300 | 4 107 58    |
| 100H3  | 100H-3  | 1.250 | 31.750 | 18.900 | 19.050 | 30.100 | 4.680 | 4.680 | 9.540  | 122.200 | 6.100 | 39.090 | 261000 | 15.500 | 4 107 11 58 |
| 100V1  | 100V-1  | 1.250 | 31.750 | 18.900 | 19.050 | 30.100 | 4.060 | 4.060 | 9.540  | 41.100  | 6.100 | -      | 122000 | 4.200  | 4 107 11 58 |
| 100HV1 | 100HV-1 | 1.250 | 31.750 | 18.900 | 19.050 | 30.100 | 4.680 | 4.680 | 9.540  | 43.900  | 6.100 | -      | 133450 | 4.800  | 4 107 58    |
| 100HV2 | 100HV-2 | 1.250 | 31.750 | 18.900 | 19.050 | 30.100 | 4.680 | 4.680 | 9.540  | 83.100  | 6.100 | 39.090 | 266900 | 10.300 | 4 107 58    |
| 100HV3 | 100HV-3 | 1.250 | 31.750 | 18.900 | 19.050 | 30.100 | 4.680 | 4.680 | 9.540  | 125.750 | 6.100 | 39.090 | 261000 | 15.450 | 4 107 58    |
| 120H1  | 120H-1  | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 5.610 | 5.610 | 11.110 | 53.650  | 6.600 | -      | 125000 | 6.300  | 4 107 58    |
| 120H2  | 120H-2  | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 5.610 | 5.610 | 11.110 | 102.500 | 6.600 | 48.870 | 250000 | 12.600 | 4 107 58    |
| 120H3  | 120H-3  | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 5.610 | 5.610 | 11.110 | 151.400 | 6.600 | 48.870 | 375000 | 18.800 | 4 107 58    |
| 120V1  | 120V-1  | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 4.800 | 4.800 | 11.110 | 50.800  | 6.600 | -      | 169000 | 5.700  | 4 107 11 58 |
| 120V2  | 120V-2  | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 4.800 | 4.800 | 11.110 | 95.450  | 6.600 | 45.440 | 292000 | 11.000 | 4 107 11 58 |
| 120V3  | 120V-3  | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 4.800 | 4.800 | 11.110 | 140.900 | 6.600 | 45.440 | 438000 | 16.700 | 4 107 11 58 |
| 120HV1 | 120HV-1 | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 5.610 | 5.610 | 11.110 | 53.650  | 6.600 | -      | 146000 | 6.300  | 4 107 58    |
| 120HV2 | 120HV-2 | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 5.610 | 5.610 | 11.110 | 102.500 | 6.600 | 48.870 | 250000 | 6.300  | 4 107 58    |
| 120HV3 | 120HV-3 | 1.500 | 38.100 | 25.230 | 22.230 | 35.750 | 5.610 | 5.610 | 11.110 | 151.400 | 6.600 | 48.870 | 400350 | 18.800 | 4 107 58    |
| 140H1  | 140H-1  | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 6.100 | 6.100 | 12.710 | 56.900  | 7.400 | -      | 170000 | 8.600  | 4 107 58    |
| 140H2  | 140H-2  | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 6.100 | 6.100 | 12.710 | 109.100 | 7.400 | 52.200 | 340000 | 16.700 | 4 107 58    |
| 140H3  | 140H-3  | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 6.100 | 6.100 | 12.710 | 161.300 | 7.400 | 52.200 | 510000 | 25.100 | 4 107 58    |
| 140V1  | 140V-1  | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 5.610 | 5.610 | 12.710 | 53.800  | 7.400 | -      | 194000 | 7.800  | 4 107 11 58 |
| 140V2  | 140V-2  | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 5.610 | 5.610 | 12.710 | 102.700 | 7.400 | 48.870 | 388000 | 15.500 | 4 107 11 58 |
| 140V3  | 140V-3  | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 5.610 | 5.610 | 12.710 | 151.700 | 7.400 | 48.870 | 582000 | 23.100 | 4 107 11 58 |
| 140HV1 | 140HV-1 | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 6.350 | 6.350 | 12.710 | 57.900  | 7.400 | -      | 258000 | 8.600  | 4 107 58    |
| 140HV2 | 140HV-2 | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 6.350 | 6.350 | 12.710 | 106.900 | 7.400 | 52.200 | 516000 | 16.740 | 4 107 58    |
| 140HV3 | 140HV-3 | 1.750 | 44.450 | 25.230 | 25.400 | 41.750 | 6.350 | 6.350 | 12.710 | 160.400 | 7.400 | 52.200 | 774000 | 25.100 | 4 107 58    |

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given. 如果是在提升应用中用到套筒或滚子链，请下单前详细说明方可拿到相应的CE证书。

# Renold ANSI 重型链

## Heavy Series Chain

| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |

### ANSI HEAVY SERIES - Simplex and Multiplex 重载系列 - 单排链和多排链

|        |         | A     | A      | B      | C      | D      | E      | F      | G      | H1      | J      | K      |         |        |             |
|--------|---------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|--------|-------------|
| 160H1  | 160H-1  | 2.000 | 50.800 | 31.550 | 28.580 | 47.600 | 7.000  | 7.000  | 14.290 | 67.100  | 7.900  | -      | 223000  | 10.760 | 4 107 58    |
| 160H2  | 160H-2  | 2.000 | 50.800 | 31.550 | 28.580 | 47.600 | 7.000  | 7.000  | 14.290 | 129.000 | 7.900  | 61.900 | 446000  | 21.342 | 4 107 58    |
| 160H3  | 160H-3  | 2.000 | 50.800 | 31.550 | 28.580 | 47.600 | 7.000  | 7.000  | 14.290 | 190.900 | 7.900  | 61.900 | 669000  | 31.933 | 4 107 58    |
| 160V1  | 160V-1  | 2.000 | 50.800 | 31.550 | 28.580 | 47.730 | 6.350  | 6.350  | 14.290 | 65.500  | 7.900  | -      | 289000  | 10.400 | 4 107 11 58 |
| 160HV1 | 160HV-1 | 2.000 | 50.800 | 31.550 | 28.580 | 47.730 | 7.000  | 7.000  | 14.290 | 68.500  | 7.900  | -      | 311400  | 11.200 | 4 107 58    |
| 160HV2 | 160HV-2 | 2.000 | 50.800 | 31.550 | 28.580 | 47.730 | 7.000  | 7.000  | 14.290 | 130.400 | 7.900  | 61.900 | 622800  | 23.500 | 4 107 58    |
| 160HV3 | 160HV-3 | 2.000 | 50.800 | 31.550 | 28.580 | 47.730 | 7.000  | 7.000  | 14.290 | 190.900 | 7.900  | 61.900 | 750000  | 31.940 | 4 107 58    |
| 180H1  | 180H-1  | 2.250 | 57.150 | 35.480 | 35.710 | 53.510 | 8.130  | 8.130  | 17.460 | 73.900  | 9.100  | -      | 281000  | 15.200 | 4 107 58    |
| 180H2  | 180H-2  | 2.250 | 57.150 | 35.480 | 35.710 | 53.510 | 8.130  | 8.130  | 17.460 | 140.800 | 9.100  | 65.840 | 562000  | 30.400 | 4 107 58    |
| 180H3  | 180H-3  | 2.250 | 57.150 | 35.480 | 35.710 | 53.510 | 8.130  | 8.130  | 17.460 | 206.000 | 9.100  | 65.840 | 843000  | 45.600 | 4 107 58    |
| 180V1  | 180V-1  | 2.250 | 57.150 | 35.480 | 35.710 | 53.510 | 7.110  | 7.110  | 17.460 | 73.900  | 9.100  | -      | 382500  | 13.940 | 4 107 11 58 |
| 180HV1 | 180HV-1 | 2.250 | 57.150 | 35.480 | 35.710 | 53.510 | 8.130  | 8.130  | 17.460 | 73.900  | 9.100  | -      | 422500  | 15.200 | 4 107 58    |
| 180HV2 | 180HV-2 | 2.250 | 57.150 | 35.480 | 35.710 | 53.510 | 8.130  | 8.130  | 17.460 | 140.800 | 9.100  | 65.840 | 845000  | 30.400 | 4 107 58    |
| 180HV3 | 180HV-3 | 2.250 | 57.150 | 35.480 | 35.710 | 53.510 | 8.130  | 8.130  | 17.460 | 206.000 | 9.100  | 65.840 | 1267500 | 45.600 | 4 107 58    |
| 200H1  | 200H-1  | 2.500 | 63.500 | 37.850 | 39.670 | 59.560 | 9.500  | 9.500  | 19.850 | 86.400  | 10.200 | -      | 347000  | 19.500 | 4 107 58    |
| 200H2  | 200H-2  | 2.500 | 63.500 | 37.850 | 39.670 | 59.560 | 9.500  | 9.500  | 19.850 | 164.700 | 10.200 | 78.310 | 694000  | 39.000 | 4 107 58    |
| 200H3  | 200H-3  | 2.500 | 63.500 | 37.850 | 39.670 | 59.560 | 9.500  | 9.500  | 19.850 | 243.000 | 10.200 | 78.310 | 1041000 | 57.700 | 4 107 58    |
| 200V1  | 200V-1  | 2.500 | 63.500 | 37.850 | 39.670 | 59.560 | 8.130  | 8.130  | 19.850 | 80.300  | 10.200 | -      | 445000  | 17.300 | 4 107 11 58 |
| 200HV1 | 200HV-1 | 2.500 | 63.500 | 37.850 | 39.670 | 59.560 | 9.500  | 9.500  | 19.850 | 86.400  | 10.200 | -      | 600500  | 19.500 | 4 107 58    |
| 200HV2 | 200HV-2 | 2.500 | 63.500 | 37.850 | 39.670 | 59.560 | 9.500  | 9.500  | 19.850 | 164.700 | 10.200 | 78.310 | 1201000 | 39.000 | 4 107 58    |
| 200HV3 | 200HV-3 | 2.500 | 63.500 | 37.850 | 39.670 | 59.560 | 9.500  | 9.500  | 19.850 | 243.000 | 10.200 | 78.310 | 1801500 | 57.700 | 4 107 58    |
| 240H1  | 240H-1  | 3.000 | 76.200 | 47.350 | 47.630 | 71.300 | 13.200 | 13.200 | 23.800 | 106.900 | 10.500 | -      | 500000  | 30.500 | 4 107 58    |
| 240H2  | 240H-2  | 3.000 | 76.200 | 47.350 | 47.630 | 71.300 | 13.200 | 13.200 | 23.800 | 208.00  | 10.500 | 101.22 | 1000000 | 61.000 | 4 107 58    |
| 240H3  | 240H-3  | 3.000 | 76.200 | 47.350 | 47.630 | 71.300 | 13.200 | 13.200 | 23.800 | 309.200 | 10.500 | 101.22 | 1500000 | 91.500 | 4 107 58    |
| 240HV1 | 240HV-1 | 3.000 | 76.200 | 47.350 | 47.630 | 71.300 | 13.200 | 13.200 | 23.800 | 106.900 | 10.500 | -      | 845160  | 30.500 | 4 107 58    |
| 240HV2 | 240HV-2 | 3.000 | 76.200 | 47.350 | 47.630 | 71.300 | 13.200 | 13.200 | 23.800 | 208.000 | 10.500 | 101.22 | 1690320 | 61.000 | 4 107 58    |
| 240HV3 | 240HV-3 | 3.000 | 76.200 | 47.350 | 47.630 | 71.300 | 13.200 | 13.200 | 23.800 | 312.000 | 10.500 | 101.22 | 2535480 | 91.500 | 4 107 58    |

备注: 所有尺寸都可以提供开口和滚柱销轴, 我们建议在4排及以上的链条使用滚柱销轴。

如果是在提升应用中用到套筒或滚子链, 请下单前详细说明方可拿到相应的CE证书。

在指明/使用弯板链节或其他链接链节前请咨询Renold。

NB: Both Split and roll pin options are available on all sizes, although we would recommend roll pin on quadruplex and above.

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

Before specifying / using crank links or other connecting links please consult Renold.

询问更多信息:

电话: 400 826 1915

邮箱: info.cn@renold.com

www.renold.cn

Also available from **Renold**

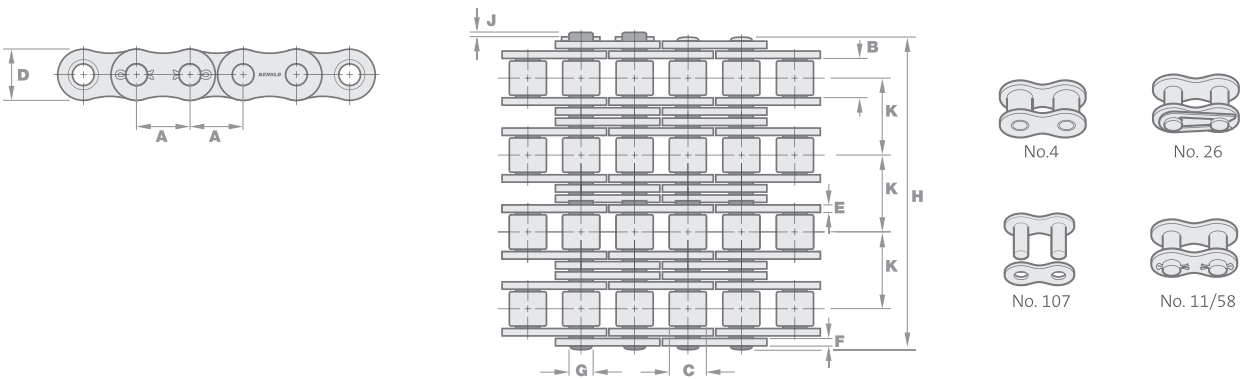
**Renold**也可以提供

**Sprockets Page 72**  
For roller chain use  
滚子链配套链轮, 见72页

**Roll-Ring Page 70**  
Chain tensioner  
滚子链张紧器  
见70页

# Renold Multiplex 多排链

## ANSI Standard ANSI标准



| Chain Ref.       |          | Technical Details (mm) 详细技术数据 (毫米) |            |              |              |              |                   |                   |            |            |                      |                  |                                   |        | Connecting Links |
|------------------|----------|------------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|-----------------------------------|--------|------------------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                       | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |
| 链条编号             | ISO编号    | 节距 (英寸)                            | 节距 (毫米)    | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | 止锁件附加最大宽度 MAX        | NOM              | 最小拉力 MIN                          | kg/m   |                  |

### ANSI Standard - Multiplex ANSI 标准系列 - 多排链

|       |       | A     | A      | B     | C     | D     | E    | F    | G     | H1    | J    | K     |         |       |                |
|-------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|------|-------|---------|-------|----------------|
| 40A4  | 40-4  | 0.500 | 12.700 | 7.85  | 7.92  | 11.15 | 1.50 | 1.50 | 3.96  | 59.7  | 3.9  | 14.38 | 55600   | 2.52  | 4 107 11 58 26 |
| 50A4  | 50-4  | 0.625 | 15.875 | 9.40  | 10.16 | 14.60 | 2.03 | 2.03 | 5.07  | 74.90 | 4.1  | 18.11 | 87200   | 4.0   | 4 107 11 58    |
| 50A5  | 50-5  | 0.625 | 15.875 | 9.40  | 10.16 | 14.55 | 2.03 | 2.03 | 5.07  | 93.3  | 4.1  | 18.11 | 139000  | 5.25  | 4 107 11 58    |
| 50A6  | 50-6  | 0.625 | 15.875 | 9.40  | 10.16 | 14.55 | 2.03 | 2.03 | 5.07  | 111.3 | 4.1  | 18.11 | 166800  | 6.3   | 4 107 11 58    |
| 60A4  | 60-4  | 0.750 | 19.050 | 12.57 | 11.91 | 17.45 | 2.39 | 2.39 | 5.92  | 94.1  | 4.6  | 22.78 | 127200  | 5.9   | 4 107 11 58    |
| 60A5  | 60-5  | 0.750 | 19.050 | 12.57 | 11.91 | 17.45 | 2.39 | 2.39 | 5.96  | 116.9 | 4.6  | 22.78 | 190000  | 7.75  | 4 107 11 58    |
| 60A6  | 60-6  | 0.750 | 19.050 | 12.57 | 11.91 | 17.45 | 2.39 | 2.39 | 5.96  | 139.7 | 4.6  | 22.78 | 226800  | 9.3   | 4 107 11 58    |
| 80A4  | 80-4  | 1.000 | 25.400 | 15.38 | 15.75 | 23.10 | 3.00 | 3.00 | 7.93  | 120.7 | 5.4  | 29.29 | 222400  | 10.0  | 4 107 11 58    |
| 80A5  | 80-5  | 1.000 | 25.400 | 15.38 | 15.75 | 23.10 | 3.00 | 3.00 | 7.93  | 149.9 | 5.4  | 29.29 | 322500  | 14.0  | 4 107 11 58    |
| 80A6  | 80-6  | 1.000 | 25.400 | 15.38 | 15.75 | 23.10 | 3.00 | 3.00 | 7.93  | 179.4 | 5.4  | 29.29 | 387000  | 16.8  | 4 107 11 58    |
| 80A8  | 80-8  | 1.000 | 25.400 | 15.38 | 15.75 | 23.10 | 3.00 | 3.00 | 7.93  | 237.8 | 5.4  | 29.29 | 516000  | 22.4  | 4 107 11 58    |
| 100A4 | 100-4 | 1.250 | 31.750 | 19.05 | 19.05 | 30.10 | 4.06 | 4.06 | 9.54  | 147.1 | 6.1  | 35.76 | 348000  | 16.0  | 4 107 11 58    |
| 100A5 | 100-5 | 1.250 | 31.750 | 19.05 | 19.05 | 30.10 | 4.06 | 4.06 | 9.54  | 182.9 | 6.1  | 35.76 | 522600  | 21.0  | 4 107 11 58    |
| 100A6 | 100-6 | 1.250 | 31.750 | 19.05 | 19.05 | 30.10 | 4.06 | 4.06 | 9.54  | 218.7 | 6.1  | 35.76 | 627200  | 25.2  | 4 107 11 58    |
| 120A4 | 120-4 | 1.500 | 38.100 | 25.68 | 22.23 | 35.75 | 4.68 | 4.68 | 11.11 | 186.3 | 6.6  | 45.44 | 500000  | 22.92 | 4 107 11 58    |
| 120A5 | 120-5 | 1.500 | 38.100 | 25.68 | 22.23 | 35.75 | 4.68 | 4.68 | 11.11 | 231.2 | 6.6  | 45.44 | 711700  | 27.96 | 4 107 11 58    |
| 120A6 | 120-6 | 1.500 | 38.100 | 25.68 | 22.23 | 35.75 | 4.68 | 4.68 | 11.11 | 276.6 | 6.6  | 45.44 | 854000  | 33.5  | 4 107 11 58    |
| 120A8 | 120-8 | 1.500 | 38.100 | 25.68 | 22.23 | 35.75 | 4.68 | 4.68 | 11.11 | 367.6 | 6.6  | 45.44 | 1138000 | 44.65 | 4 107 11 58    |
| 140A4 | 140-4 | 1.750 | 44.450 | 25.73 | 25.40 | 41.75 | 5.61 | 5.61 | 12.64 | 199.7 | 7.4  | 48.87 | 680000  | 29.57 | 4 107 11 58    |
| 140A5 | 140-5 | 1.750 | 44.450 | 25.73 | 25.40 | 41.75 | 5.61 | 5.61 | 12.64 | 248.4 | 7.4  | 48.87 | 956400  | 37.72 | 4 107 11 58    |
| 140A6 | 140-6 | 1.750 | 44.450 | 25.73 | 25.40 | 41.75 | 5.61 | 5.61 | 12.64 | 297.5 | 7.4  | 48.87 | 1147680 | 45.24 | 4 107 11 58    |
| 160A4 | 160-4 | 2.000 | 50.800 | 32.13 | 28.58 | 47.73 | 6.35 | 6.35 | 14.29 | 238.8 | 7.9  | 58.55 | 978600  | 38.9  | 4 107 11 58    |
| 200A4 | 200-4 | 2.500 | 63.500 | 38.15 | 39.67 | 59.56 | 8.13 | 8.13 | 19.81 | 291.6 | 10.2 | 71.55 | 1690000 | 68.24 | 4 107 11 58    |

链接头

如果是在提升应用中用到套筒或滚子链, 请下单前详细说明方可拿到相应的CE证书。

备注: 12号弯板链节 - 请咨询Renold。

Connecting links

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

Note: No.12 Crank links - please consult Renold.



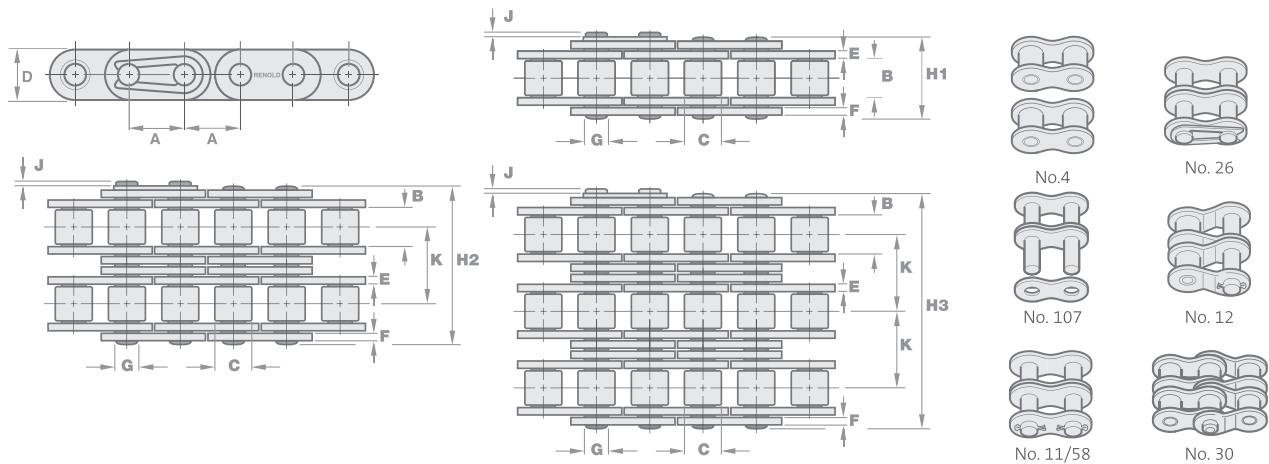
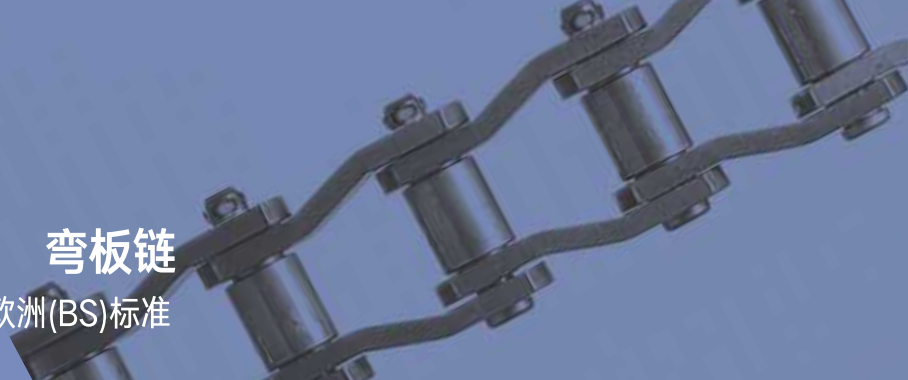
Straight Side Plate 直板链

ISO 606



Cranked Link Chain 弯板链

European (BS) Standard 欧洲(BS)标准



| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |            |            |                      |                  |                                            | Connecting Links |          |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|------------|------------|----------------------|------------------|--------------------------------------------|------------------|----------|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.  | Pin Length | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 MIN | Weight 重量 kg/m   | 可提供的连接链节 |
| 链条编号             | ISO编号    | 节距（英寸）                            | 节距（毫米）     | 内节内宽         | 滚子最大直径 MAX   | 链板最大高度 MAX   | 内链板最大宽度 MAX       | 外链板最大宽度 MAX       | 销轴最大直径 MAX | 销轴最大长度 MAX | MAX                  | NOM              |                                            |                  |          |

Simplex 单排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G     | H1    | J   | K |        |       |                      |
|--------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|---|--------|-------|----------------------|
| 08B1GF | 08B-1 | 0.500 | 12.70  | 7.75  | 8.51  | 11.70 | 1.50 | 1.50 | 4.45  | 16.5  | 3.9 | - | 17800  | 0.75  | 4 107 11 26 58 12 30 |
| 10B1GF | 10B-1 | 0.625 | 15.88  | 9.65  | 10.16 | 14.60 | 1.50 | 1.50 | 5.08  | 18.8  | 4.1 | - | 22200  | 0.96  | 4 107 11 26 58 12 30 |
| 12B1GF | 12B-1 | 0.750 | 19.05  | 11.68 | 12.07 | 16.00 | 1.76 | 1.76 | 5.72  | 22.4  | 4.6 | - | 28900  | 1.28  | 4 107 11 26 58 12    |
| 16B1GF | 16B-1 | 1.000 | 25.40  | 17.02 | 15.88 | 20.20 | 3.70 | 3.00 | 8.28  | 35.7  | 5.4 | - | 60000  | 2.77  | 4 107 26             |
| 20B1GF | 20B-1 | 1.250 | 31.750 | 19.56 | 19.05 | 25.90 | 4.45 | 3.45 | 10.17 | 40.35 | 2.7 | - | 95000  | 4.00  | 4 107 26 12          |
| 24B1GF | 24B-1 | 1.500 | 38.10  | 25.40 | 25.40 | 33.30 | 6.00 | 5.00 | 14.63 | 53.2  | 6.6 | - | 160000 | 7.54  | 4 107 26             |
| 28B1GF | 28B-1 | 1.750 | 44.45  | 30.99 | 27.94 | 36.80 | 7.38 | 6.10 | 15.90 | 64.90 | 7.4 | - | 200000 | 9.89  | 4 107 26             |
| 32B1GF | 32B-1 | 2.000 | 50.80  | 30.99 | 29.21 | 41.10 | 6.87 | 6.10 | 17.78 | 64.40 | 7.9 | - | 250000 | 10.18 | 4 107 26             |

Duplex 双排链

|        |       | A     | A      | B     | C     | D     | E    | F    | G     | H2    | J   | K     |        |       |                      |
|--------|-------|-------|--------|-------|-------|-------|------|------|-------|-------|-----|-------|--------|-------|----------------------|
| 08B2GF | 08B-2 | 0.500 | 12.70  | 7.75  | 8.51  | 11.70 | 1.50 | 1.50 | 4.45  | 30.4  | 3.9 | 13.92 | 31100  | 1.44  | 4 107 11 26 58 12 30 |
| 10B2GF | 10B-2 | 0.625 | 15.88  | 9.65  | 10.16 | 14.60 | 1.50 | 1.50 | 5.08  | 35.4  | 4.1 | 16.59 | 44500  | 1.90  | 4 107 11 26 58 12 30 |
| 12B2GF | 12B-2 | 0.750 | 19.05  | 11.68 | 12.07 | 16.00 | 1.76 | 1.76 | 5.72  | 41.8  | 4.6 | 19.46 | 57800  | 2.52  | 4 107 11 26 58 12 30 |
| 16B2GF | 16B-2 | 1.000 | 25.40  | 17.02 | 15.88 | 20.20 | 3.70 | 3.00 | 8.27  | 67.6  | 5.4 | 31.88 | 106000 | 5.50  | 4 107 26             |
| 20B2GF | 20B-2 | 1.250 | 31.750 | 19.56 | 19.05 | 25.90 | 4.45 | 3.45 | 10.17 | 77.1  | 2.7 | 36.45 | 170000 | 7.90  | 4 107 26 12          |
| 24B2GF | 24B-2 | 1.500 | 38.10  | 25.40 | 25.40 | 33.30 | 6.00 | 5.00 | 14.63 | 101.6 | 6.6 | 48.36 | 280000 | 14.80 | 4 107 26             |

询问更多信息：  
电话：400 826 1915  
邮箱：info.cn@renold.com  
www.renold.cn

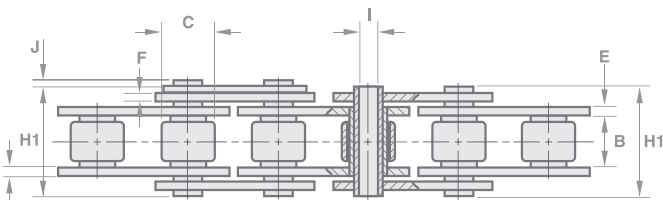
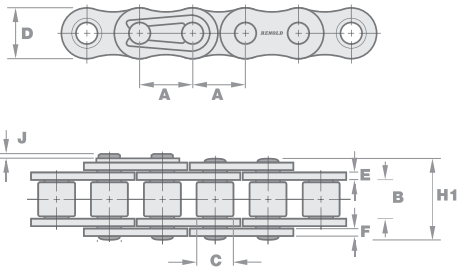


Also available from Renold  
Renold也可以提供



# Hollow Pin Chain 空心销轴链

European (BS) Standard / ANSI Standard 欧洲(BS)标准/ANSI 标准



No. 4



No. 26

| Chain Ref.       |          | Technical Details (mm) 详细技术数据（毫米） |            |              |              |              |                   |                   |             |             |                      |                  |                                        |           | Connecting Links |  |
|------------------|----------|-----------------------------------|------------|--------------|--------------|--------------|-------------------|-------------------|-------------|-------------|----------------------|------------------|----------------------------------------|-----------|------------------|--|
| Renold Chain No. | ISO Ref. | Pitch (inch)                      | Pitch (mm) | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam.   | Pin Length  | Conn. Link Extension | Transverse Pitch | ISO606 Tensile Strength (NEWTONS) 最小拉力 | Weight 重量 | 可提供的连接链节         |  |
| 链条编号             | ISO 编号   | 节距 (英寸)                           | 节距 (毫米)    | 内节 内宽        | 滚子最大 直径 MAX  | 链板最大 高度 MAX  | 内链板 最大宽度 MAX      | 外链板 最大宽度 MAX      | 销轴最 大直径 MAX | 销轴最 大长度 MAX | 止锁件附加 最大宽度 MAX       | 排距 NOM           |                                        | kg/m      |                  |  |

## European (BS) Standard - Simplex Hollow Pin Chain 欧洲(BS)标准 - 单排空心销轴链

|         |   | A     | A      | B     | C     | D    | E    | F    | I    | H1   | J   | K |       |      |   |    |
|---------|---|-------|--------|-------|-------|------|------|------|------|------|-----|---|-------|------|---|----|
| 08B1HP  | - | 0.500 | 12.70  | 7.75  | 8.51  | 12.1 | 1.60 | 1.20 | 4.50 | 17.0 | 1.1 | - | 10800 | 0.66 | 4 | 26 |
| 10B1HP  | - | 0.625 | 15.875 | 9.65  | 10.16 | 14.6 | 1.50 | 1.50 | 4.00 | 19.0 | 1.3 | - | 10700 | 0.80 | 4 | 26 |
| 12B1HP  | - | 0.750 | 19.05  | 11.68 | 12.07 | 16.0 | 1.76 | 1.76 | 4.10 | 21.6 | 4.0 | - | 15670 | 1.08 | 4 | 26 |
| 16B1HP  | - | 1.000 | 25.40  | 17.02 | 15.88 | 20.0 | 3.70 | 3.00 | 5.80 | 35.0 | 4.0 | - | 20000 | 2.31 | 4 | 26 |
| 1000948 | - | 3.937 | 100.00 | 10.00 | 30.00 | 25.5 | 3.00 | 3.00 | 8.20 | 26.0 | 4.0 | - | 60000 | 1.50 | 4 | 26 |

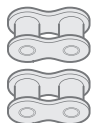
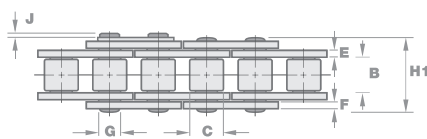
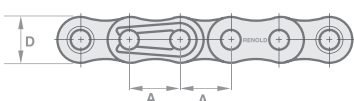
## European (BS) Standard - Simplex Stainless Steel Chain 欧洲(BS)标准 - 单排不锈钢链

|         |   | A     | A     | B    | C    | D    | E    | F    | I    | H1   | J   | K |       |      |   |    |
|---------|---|-------|-------|------|------|------|------|------|------|------|-----|---|-------|------|---|----|
| 08B1SSH | - | 0.500 | 12.70 | 7.75 | 8.51 | 12.5 | 1.51 | 1.51 | 4.58 | 16.5 | 1.1 | - | 10500 | 0.61 | 4 | 26 |

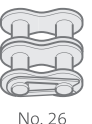
## ANSI Standard - Simplex Hollow Pin Chain ANSI 标准 - 单排空心销轴链

|        |   | A     | A     | B     | C     | D    | E    | F    | I    | H1   | J   | K |       |      |   |    |
|--------|---|-------|-------|-------|-------|------|------|------|------|------|-----|---|-------|------|---|----|
| 50A1HP | - | 0.625 | 15.88 | 9.40  | 10.16 | 15.0 | 2.00 | 2.00 | 5.13 | 20.5 | 1.2 | - | 13300 | 0.86 | 4 | 26 |
| 60A1HP | - | 0.750 | 19.05 | 12.57 | 11.91 | 18.0 | 2.40 | 2.40 | 6.00 | 25.8 | 1.6 | - | 22800 | 1.39 | 4 | 26 |
| 80A1HP | - | 1.000 | 25.40 | 15.75 | 15.88 | 24.1 | 3.25 | 3.25 | 8.00 | 32.7 | 5.1 | - | 34200 | 2.32 | 4 | 26 |

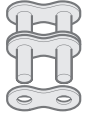
# Sidebow Roller Chain 侧弯链



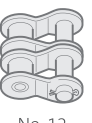
No.4



No. 26



No. 107



No. 12



No. 11



No. 30

| Chain Ref.       |              | Technical Details (mm) 详细技术数据 (毫米) |              |              |              |                   |                   |           |            |                      |        |                                   |        | Connecting Links |  |
|------------------|--------------|------------------------------------|--------------|--------------|--------------|-------------------|-------------------|-----------|------------|----------------------|--------|-----------------------------------|--------|------------------|--|
| Renold Chain No. | Pitch (inch) | Pitch (mm)                         | Inside Width | Roller Diam. | Plate Height | Plate Width Inner | Plate Width Outer | Pin Diam. | Pin Length | Conn. Link Extension | Radivs | ISO606 Tensile Strength (NEWTONS) | Weight | 可提供的连接链节         |  |
| 链条编号             | 节距 (英寸)      | 节距 (毫米)                            | 内节 内宽        | 滚子最大直径       | 链板最大高度       | 内链板最大宽度           | 外链板最大宽度           | 销轴最大直径    | 销轴最大长度     | 止锁件附加最大宽度            | 半径     | 最小拉力                              | 重量     |                  |  |
|                  |              |                                    |              | MAX          | MAX          | MAX               | MAX               | MAX       | MAX        | MAX                  | MIN    | MIN                               | kg/m   |                  |  |

## European (BS) Standard - Simplex Bush Chain 欧洲(BS)标准 - 单排套筒链

|         | A     | A      | B     | C     | D     | E    | F    | G    | H1   | J   | R   |       |      |   |    |
|---------|-------|--------|-------|-------|-------|------|------|------|------|-----|-----|-------|------|---|----|
| 06B1SB* | 0.375 | 9.520  | 5.72  | 6.35  | 8.26  | 1.30 | 1.30 | 2.80 | 12.5 | 3.3 | 195 | 9000  | 0.39 | 4 | 26 |
| 08B1SB  | 0.500 | 12.700 | 7.85  | 7.95  | 12.00 | 1.55 | 1.55 | 3.45 | 17.0 | 3.9 | 350 | 13000 | 0.58 | 4 | 26 |
| 40A1SB  | 0.500 | 12.700 | 7.75  | 8.51  | 12.00 | 1.55 | 1.55 | 3.45 | 17.0 | 3.9 | 400 | 19000 | 0.69 | 4 | 26 |
| 10B1SB  | 0.625 | 15.875 | 9.65  | 10.16 | 14.60 | 1.55 | 1.55 | 4.70 | 19.4 | 4.1 | 450 | 15000 | 0.85 | 4 | 26 |
| 12B1SB  | 0.750 | 19.050 | 11.68 | 12.07 | 15.93 | 1.80 | 1.80 | 5.72 | 22.7 | 4.6 | 650 | 29000 | 1.18 | 4 | 26 |
| 80A1SB  | 1.000 | 25.400 | 17.02 | 15.88 | 20.57 | 4.12 | 3.10 | 8.27 | 36.1 | 5.4 | 750 | 65000 | 2.50 | 4 | 26 |

\* 直板链

\* Straight side plate.

侧弯链的制造与标准链不同，它的销轴与套筒直径之间的间隙更大。因此，侧弯链在一段链条长度上的允许公差为+0.3%，而非标准链条的+0.15%。

Sidebow chain, unlike standard chain, is manufactured with larger clearances between the pin and bush diameters. Therefore, the tolerance over a length of chain is +0.3% and not +0.15% as for standard chain.

## Renold sidebow chain

Application: Renold sidebow chain is used on curved track conveyors in the bottling, packaging, canning and textile industries. Some typical applications for this chain are:

- To operate a live-roll conveyor on a power curve
- To carry materials around a curve by use of attachments or slats
- To transmit power where abnormal chain twist may be encountered

Renold sidebow chain is based on the ANSI and British Standard chain of its respective pitch size. The design of the chain requires a special pin diameter resulting in greater clearance between the pin and bush, allowing the chain to bow.

Attachments can be supplied for this chain, but are made to order. Selection of the chain is not covered in our selection procedures and we advise you to consult our technical staff with the details of your application.

Chain should be protected against dirt/ moisture and be lubricated with good quality non-detergent petroleum based oil. Renold Sidebow Chain is pre-lubricated before despatch, but like all chain it needs regular re-lubrication during its working life.

For the majority of applications between -5°C and 60°C, a range of multigrade SAE 20/50 oil would be suitable. Special lubrication or coatings can be provided to match your applicational needs.

## 应用:

Renold侧弯链被用于装瓶、包装、罐头制造及纺织品等工业中具有曲线轨道的输送装置上。以下是这种链条的一些典型应用:

- 在一个曲线式动力轨道上操作传动辊。
- 通过采用附件或条板沿着一曲线运送物料。
- 在可能出现链条异常扭曲的情况下传动动力。

Renold侧弯链基于其相应节距规格的ANSI和英国标准系列链条。这种链条的设计要求采用特殊直径的销轴，使销轴和套筒之间的间隙加大，从而使链条能够弯曲。

可为这种链条提供附件，但是必须定制。在我们的选择程序中并不包括这种链条的选择，我们建议您向我们的技术人员咨询，并提供有关应用的详细情况。

应该为链条提供防尘/防湿气保护，而且采用非清洗剂的优质石油级润滑油进行润滑。在交付使用前，Renold侧弯链已经进行过预润滑，但是，与其它链条一样，在使用过程中，仍然需要定期再润滑。

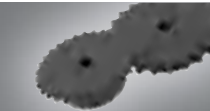
对于-5°C到60°C之间的大多数应用而言，多级通用系列的SAE20/50润滑油都是适用的。我们还可以提供特殊的润滑剂或涂料以满足您的需要。

询问更多信息：  
电话：400 826 1915  
邮箱：info.cn@renold.com  
www.renold.cn



Also available from Renold

Renold也可以提供



Sprockets Page 72 For roller chain use 滚子链配套链轮，见72页



Roll-Ring 张紧器 见70页 Roll-Ring Page 70 Chain tensioner



Chain Wear Guide Page 73 简单测量链条延长 Measure chain extension easily 链条量规见73页



# Renold Klik-Top™

Polymer Block Chain 聚合物块链

Klik-Top™ 聚合物块链可快速安装、具有较高的强度，它适用于对卫生有严格要求的场所（如果有需要）；而且它能够减少在采用普通聚合物块链条时产生的高成本停机时间。最适合于输送诸如玻璃、木材及包装物等易碎物品。Klik-Top™ 值得您的信赖

- Klik-Top™ 值得您的信赖缩短停机时间-提供生产力
- 持久耐用的聚合物夹
- 易于快速更换
- 得到食品行业的认可
- 可提供不锈钢基本链

Klik-Top™ polymer block chain is quick to install, strong, suitable for use in hygiene-sensitive areas if required and will cut costly downtime experienced when using conventional polymer block chain. Klik-Top™ chain ensures reliability, quality and great value for money. Ideal for conveying delicate items such as glass, wood and packaging. You can have confidence in Klik-Top™ chain.

- Short downtimes - increased productivity
- Durable polymer clip
- Easily replaced in moments
- Food industry approved
- Base chain available in stainless steel

## 传统维修

- 拆卸链条
- 打磨销轴头部
- 将销轴推出
- 拆卸已损坏的零部件
- 组装新的备用零件
- 测试灵活性
- 重新安装链条

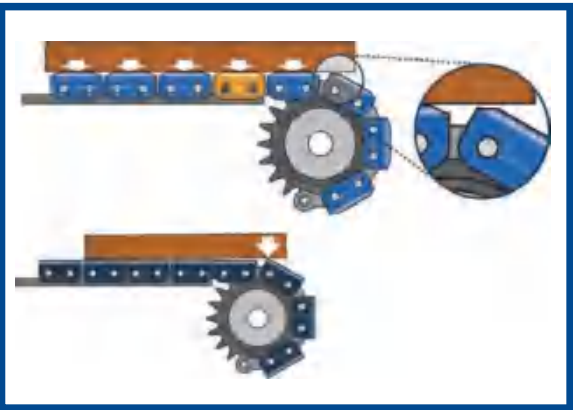
## Conventional repair

- Remove chain
- Grind heads of bearing pins
- Push out bearing pins
- Dismantle damaged parts
- Assemble new spare parts
- Test flexibility
- Reinstall chain



# Renold Klik-Top™

Polymer Block Chain 聚合物块链

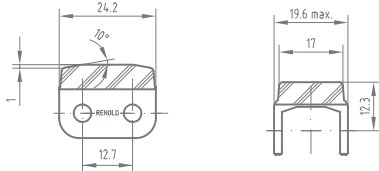


## 有了Klik-Top™，一切易如反掌

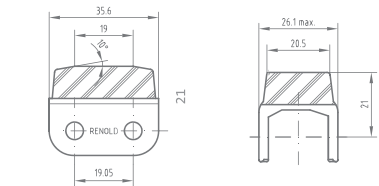
- 拆卸已损坏的夹子
- 安装新的夹子

## It's easy with Klik-Top™

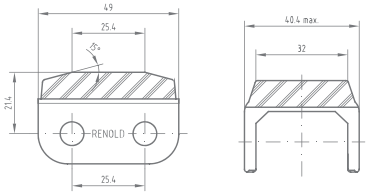
- Remove damaged clip
- Install new clip



| Similar<br>DIN/ISO | Renold<br>No.     | Part No.<br>Chain  | Part No.<br>Conn. link | Part No.<br>Clip   |
|--------------------|-------------------|--------------------|------------------------|--------------------|
| 类似                 | 编号                | 链条零件编号             | 链接头编号                  | 夹子编号               |
| 08B-1<br>08B-1     | 1603<br>1603 RF** | 1215255<br>1210314 | 1323961<br>1317973     | 1323959<br>1323959 |



| Similar<br>DIN/ISO | Renold<br>No.     | Part No.<br>Chain  | Part No.<br>Conn. link | Part No.<br>Clip   |
|--------------------|-------------------|--------------------|------------------------|--------------------|
| 类似                 | 编号                | 链条零件编号             | 链接头编号                  | 夹子编号               |
| 12B-1<br>12B-1     | 1642<br>1642 RF** | 1215541<br>1210318 | 1324233<br>1317977     | 1324100<br>1324100 |



| Similar<br>DIN/ISO | Renold<br>No.     | Part No.<br>Chain  | Part No.<br>Conn. link | Part No.<br>Clip   |
|--------------------|-------------------|--------------------|------------------------|--------------------|
| 类似                 | 编号                | 链条零件编号             | 链接头编号                  | 夹子编号               |
| 16B-1<br>16B-1     | 1666<br>1666 RF** | 1215390<br>1210319 | 1324123<br>1317978     | 1324068<br>1324068 |

链条采用防锈蚀及耐酸材料制成。  
\*\* RF = The chain is made of rustproof and acid-resistant materials.

询问更多信息：  
电话：400 826 1915  
邮箱：info.cn@renold.com  
www.renold.cn



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# 聚合物块链 Polymer Block Chain



**Renold** 聚合物块链（橡胶块环链）是为进料、输送以及及时卸载等类型的应用专门设计的，在这些类型的应用中都要求不得损坏成品的表面。

Renold链条在各种类型的机械设备及各行各业中都得到了成功的应用，例如：

- 木材加工
  - 家具制造业
  - 轮廓打磨
  - 书籍装订
- 塑料管材输送
  - 玻璃运输
  - 电缆制造
  - 易碎物品输送

## Polymer block chain

Renold Polymer Block Chain (Rubber Block Chain) has been specifically designed for use in the feed, conveying and on work discharge types of applications, where an undamaged surface finish is an essential requirement for your finished product.

Renold Chain has been running successfully in all types of machinery and sectors of industry. Examples being:

- Woodworking
  - Furniture Industry
  - Profile Grinding
  - Book Binding
- Conveying Plastic Tubes
  - Glass Handling
  - Cable Management
  - Conveying of Fragile Components



这种链条是基于ISO、DIN及ANSI标准的单排链和多排链而设计的，唯一的不同之处在于销轴的总长度。只需更换链块的材料就可以将聚合物块链应用于许多不同的环境中。在本产品目录中应用最广泛的链条均备有现货。

经硫化处理后安装到U型板上的聚合物链块具有耐磨损性，其肖氏硬度在50-60之间。它适用于最高不超过80°C (176°F)的工作温度。

- 只能提供长度为偶数节距的聚合物块链（包括一个链接头）
- 也可提供无聚合物链块，但在外链节上装配标准U型板的链条
- 只需加收小额费用即可提供镀锌的链条，但是这将会使链条的最小破断载荷减少10%。
- 聚合物块链齿轮装置的尺寸允许将其应用在标准链轮上。

The chain is based on ISO, DIN and ANSI standard, both Simplex and Duplex, the only difference being the overall pin length. Polymer block chain can be used in many different environments by simply changing the block material. The most popular chain in this catalogue being available from stock.

The polymer block vulcanised onto the U-plate is wear resistant and has a shore hardness of 50 to 60. It is suitable for working temperatures up to a maximum of 80°C (176°F).

- Polymer block chain is only supplied in even pitch lengths, including a connecting link
- Chain can be supplied without polymer blocks, with the standard U-plates fitted to the outer links
- For a small extra charge chain can be zinc plated, but this will reduce the minimum breaking load of the chain by 10%
- The gearing dimensions of polymer block chain allows them to run on standard sprockets



除了在本产品目录中详细说明的通用链条及定制链条之外，我们还可以提供其他规格的链条以及其他材料的链块。对于特殊应用而言，Renold可以提供多排链（最多不超过六排链）；在要求较宽聚合物链块平台的情形，多排链已经得到了成功的应用。

关于链块材料的技术规范，参见第67页

如果在选择符合应用要求的正确链条规格、链块种类或轮廓外形等方面需要帮助，请联系我们的技术销售人员。

Other sizes of chain and block materials can be supplied, apart from the popular and made to order chain detailed in this catalogue. For special applications Renold multiplex chain, up to sextuplex, have been supplied and used successfully where a wider polymer block platform is required. The block material specifications available are shown on page 67.

For assistance with selecting the correct chain size, block type or profile for your application, contact our Technical Sales Department.

| Iso No.<br>型号 | ANSI No.<br>ANSI编号 | Pitch. (inch)<br>节距(英寸) | Type<br>种类 |
|---------------|--------------------|-------------------------|------------|
| 08B-1         | —                  | 0.05                    | Simplex    |
| 08B-2         | —                  | 0.50                    | Duplex     |
| 12B-1         | —                  | 0.75                    | Simplex    |
| 12B-2         | —                  | 0.75                    | Duplex     |
| —             | 80                 | 0.50                    | Simplex    |
| —             | 80-2               | 1.00                    | Duplex     |

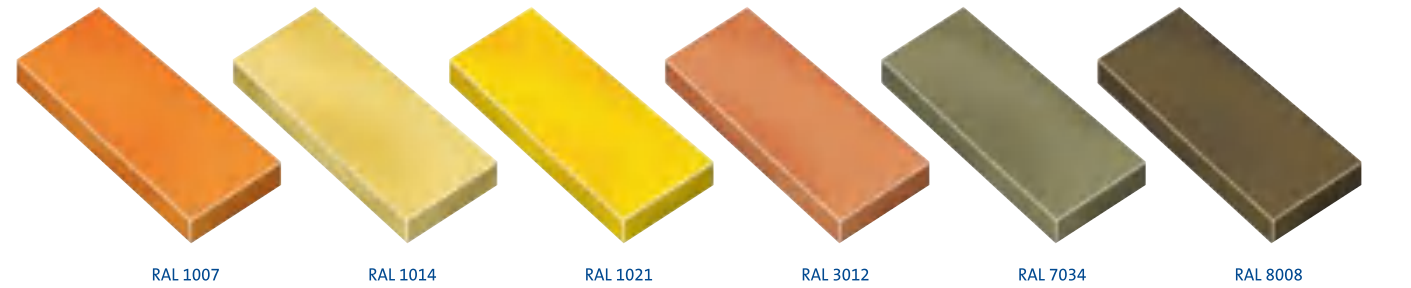
## Made to order sizes 定制链条规格

| Iso No.<br>型号 | ANSI No.<br>ANSI编号 | Pitch. (inch)<br>节距(英寸) | Type<br>种类 |
|---------------|--------------------|-------------------------|------------|
| 04            | —                  | 6mm                     | Simplex    |
| 06B-1         | —                  | 0.375                   | Simplex    |
| 08B-3         | —                  | 0.500                   | Triplex    |
| 10B-2         | —                  | 0.625                   | Duplex     |

# 聚合物块链 Polymer Block Chain

## Material code and detail 材料代码及详细说明

| Code<br>代码 | Material Type<br>材料种类                                 | Shore Hardness<br>肖氏硬度 | Wear Value CIN 53516 mm3<br>磨损量 | Colour<br>颜色                             |
|------------|-------------------------------------------------------|------------------------|---------------------------------|------------------------------------------|
| NR         | Natural Rubber 天然橡胶                                   | 65+/-5                 | 160                             | RAL1014 Ivory 象牙白                        |
| IR         | Isoprene Rubber (Synth. polyisoprene) 异戊二烯橡胶（合成聚异戊二烯） | -                      | -                               | - -                                      |
| SBR        | Styrene-Butadiene Rubber 苯乙烯-丁二烯橡胶                    | -                      | -                               | - -                                      |
| BR         | Butadiene Rubber (Polybutadiene) 丁二烯橡胶（聚丁二烯）          | -                      | -                               | - -                                      |
| EPDM       | Ethylene-Propylene-Diene Polymer 乙烯-丙烯-二烯聚合物          | -                      | -                               | - -                                      |
| NBR        | Acronitrille Butadiene Rubber 丁腈橡胶                    | 75+/-5                 | 160                             | RAL7034 Yellow-Grey 黄 - 灰                |
| CR         | Chloroprene Rubber (Polychloroprene) 氯丁二烯橡胶（聚氯丁烯）     | 65+/-5                 | 160                             | RAL1021 Cadmium-Yellow 镉黄                |
| AU         | Polyester Urethane Rubber 聚酯聚氨酯橡胶                     | -                      | -                               | - -                                      |
| SI         | Silicone Resins 硅树脂                                   | 70+/-5                 | 160*                            | RAL3012 Beige-Red 浅褐 - 红                 |
| FSI        | Fluoric Silicone Resins 氟硅树脂                          | -                      | -                               | - -                                      |
| FPM        | Fluoropolymers 含氟聚合物                                  | 75+/-5                 | 160*                            | RAL8008 Olive-Brown 橄榄色-褐色               |
| PUR        | Polyurethane 聚氨酯                                      | 85+/-5                 | 80                              | RAL1007 Chrome-Yellow Transparent 铬黄色，透明 |
| 60A1       | 60                                                    | 0.750                  | 19.050                          | 2.40                                     |
| 80A1       | 80                                                    | 1.000                  | 25.400                          | 3.00                                     |
| 60A1       | 60                                                    | 0.750                  | 19.050                          | 2.40                                     |



A customer specific design, hardness and wear specification of block is possible, but may be subject to minimum order quantities. Polymer Block material colour may vary from the represented colours shown above.

我们可以按照客户具体指定的设计、硬度及耐磨损性提供链块，但是必须达到最小起订量。

聚合物块的材料颜色可能与上表中说明的颜色不同。

## Material mechanical values/resistance 材料的力学特性值/性能

| Type 类型                            | Material 材料 |     |      |      |      |      |      |      |      |      |      |      |     |      |  |
|------------------------------------|-------------|-----|------|------|------|------|------|------|------|------|------|------|-----|------|--|
|                                    | NR          | IR  | SBR  | BR   | IIR  | EPDM | NBR  | CR   | AU   | SI   | FSI  | FPM  | PUR | PTFE |  |
| Tensile Strength 抗拉强度              | 1           | 2   | 5    | 6    | 4    | 5    | 5    | 3    | 2    | 6    | 6    | 5    | 1   | 1    |  |
| Elongation at Fracture 断裂时伸长率      | 1           | 1   | 2    | 3    | 2    | 3    | 2    | 2    | 2    | 4    | 4    | 3    | 2   | 3    |  |
| Rebond Resilience 再接合弹性            | 2           | 2   | 3    | 1    | 6    | 3    | 3    | 3    | 3    | 3    | 3    | 5    | 2   | NA   |  |
| Wear Resistance 耐磨性                | 2           | 2   | 2    | 1    | 3    | 3    | 2    | 2    | 1    | 5    | 5    | 4    | 1   | 3    |  |
| Tear Strength 抗撕裂强度                | 2           | 3   | 3    | 5    | 4    | 4    | 4    | 3    | 4    | 6    | 6    | 3    | 1   | 2    |  |
| Current Flow Resistance 电阻         | 1           | 1   | 2    | 2    | 2    | 2    | 4    | 3    | 3    | 1    | 1    | 4    | 2   | 1    |  |
| Temperature Hot-Air Degrees C 耐热温度 | +90         | +90 | +100 | +100 | +140 | +150 | +130 | +120 | +120 | +200 | +200 | +220 | +80 | +260 |  |
| Minimum Temperature Degrees C 最低温度 | -50         | -40 | -40  | -60  | -40  | -40  | -40  | -30  | -20  | -80  | -80  | -25  | -35 | -190 |  |
| Age Resistance 抗老化能力               | 3           | 3   | 3    | 3    | 2    | 1    | 3    | 2    | 2    | 1    | 1    | 1    | 1   | 1    |  |
| Ozone Resistance 抗氧化能力             | 4           | 4   | 4    | 3    | 2    | 1    | 3    | 2    | 2    | 1    | 1    | 1    | 1   | 1    |  |
| Benzine Resistance 耐汽油性            | 6           | 6   | 4    | 5    | 6    | 5    | 1    | 2    | 1    | 5    | 1    | 1    | 2   | 1    |  |
| Oil and Grease Resistance 耐油和脂性    | 6           | 6   | 5    | 6    | 6    | 4    | 1    | 2    | 1    | 1    | 1    | 1    | 2   | 1    |  |
| Acid Resistance 耐酸性                | 3           | 3   | 3    | 3    | 2    | 1    | 4    | 2    | 5    | 5    | 4    | 1    | 6   | 1    |  |
| Alkali Resistance 耐碱性              | 3           | 3   | 3    | 3    | 2    | 2    | 3    | 2    | 5    | 5    | 4    | 1    | 6   | 1    |  |
| Resistance to Hot Water 耐热水性       | 3           | 3   | 2    | 3    | 1    | 2    | 3    | 3    | 5    | 5    | 4    | 2    | 6   | 1    |  |

1= Excellent 2= Very Good 3= Good 4= Moderate 5= Poor 6= Insufficient 1= 优 2= 很好 3= 良 4= 一般 5= 差 6= 不充分

When choosing the material for your application, the table above can be used to select the material with the most appropriate properties.

For example, where an application has oil and grease present, NBR, AU, SI, FSI FPM and PTFE materials are suitable.

Contact our technical staff for more advice on the suitability of the materials shown.

在为您的应用选择材料时，可以利用上表来选择具有最合适特性的材料。

例如，假定在应用中存在有润滑油和润滑脂，那么NBR、AU、SI、FSI FPM和PTFE等材料都是合适的。

关于上述材料的适用性，请与我们的技术人员联系，以便得到更多的建议。

询问更多信息：  
电话：400 826 1915  
邮箱：info.cn@renold.com  
www.renold.cn



Also available  
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# 聚合物块链 Polymer Block



# 聚合物块链种类 Polymer Block Chain Types



Simplex Roller Chain 单排滚子链

| Type Number<br>链条种类编号 | Profile without Blocks<br>轮廓外形 (无链块) | Chain No.<br>链条编号 |         | Chain Fitted with Material Type<br>链条所采用材料种类 |     |         |
|-----------------------|--------------------------------------|-------------------|---------|----------------------------------------------|-----|---------|
|                       |                                      | NR                | NBR     | PUR                                          | FPM | SI      |
| Based on 08B-1        | 1850                                 | 1208770           | -       | -                                            | -   | - -     |
| 0.500" Pitch          | 0520                                 | -                 | MIN     | 1208781                                      | MIN | ENQ MIN |
| 1870                  | -                                    | MIN               | MIN     | ENQ                                          | ENQ | ENQ     |
| 2720                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 2750                  | -                                    | MIN               | 1208782 | MIN                                          | ENQ | ENQ     |
| 4740                  | -                                    | MIN               | 1208783 | TR                                           | ENQ | ENQ     |
| 5800                  | -                                    | MIN               | 1208784 | TR                                           | ENQ | ENQ     |
| Based on 12B-1        | 5130                                 | 1208775           | -       | -                                            | -   | - -     |
| 0.750" Pitch          | 4680                                 | -                 | MIN     | 1208788                                      | TR  | ENQ ENQ |
| 5350                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| Based on ANSI 80      | 0641                                 | 1208779           | -       | -                                            | -   | - -     |
| 1.000" Pitch          | 0570                                 | -                 | MIN     | 1208792                                      | TR  | ENQ ENQ |
| 1120                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 1300                  | -                                    | MIN               | 1208793 | TR                                           | ENQ | ENQ     |
| 1310                  | -                                    | TR                | TR      | MIN                                          | TR  | TR      |
| Based on 24B-1        | 0839                                 | 12058788          | -       | -                                            | -   | --      |
| 1.500" Pitch          | 0830                                 | -                 | MIN     | MIN                                          | TR  | ENQ ENQ |

Duplex Roller Chain 双排滚子链

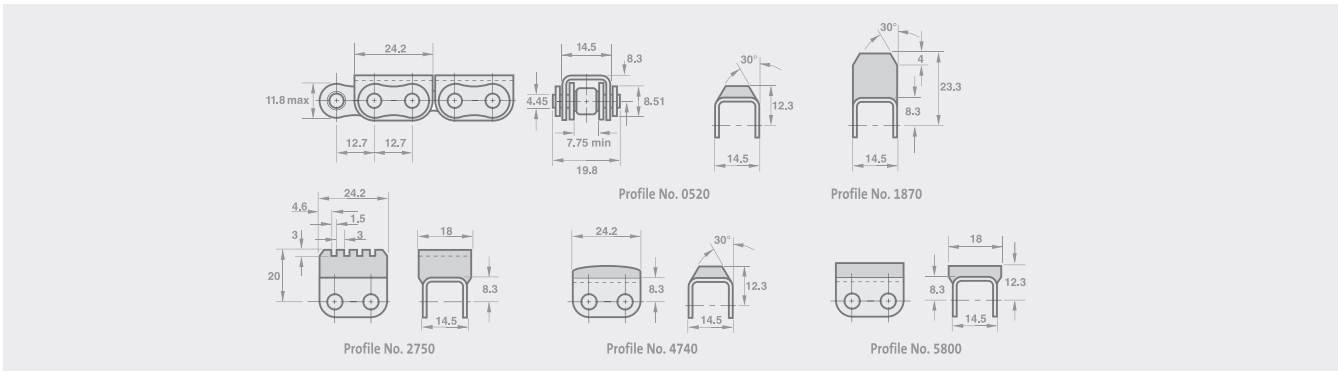
| Type Number<br>链条种类编号 | Profile without Blocks<br>轮廓外形 (无链块) | Chain No.<br>链条编号 |         | Chain Fitted with Material Type<br>链条所采用材料种类 |     |         |
|-----------------------|--------------------------------------|-------------------|---------|----------------------------------------------|-----|---------|
|                       |                                      | NR                | NBR     | PUR                                          | FPM | SI      |
| 基于 Based on 08B-2     | 0800                                 | 1208771           | -       | -                                            | -   | - -     |
| 0.500" Pitch          | 0530                                 | -                 | MIN     | 1208785                                      | MIN | MIN MIN |
| 0540                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 0560                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 0590                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 0610                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 0660                  | -                                    | MIN               | 1208786 | MIN                                          | ENQ | ENQ     |
| 0810                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 0820                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 0910                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 1360                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 1760                  | -                                    | MIN               | MIN     | MIN                                          | ENQ | ENQ     |
| 2020                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 2520                  | -                                    | MIN               | 1208787 | TR                                           | ENQ | ENQ     |
| 基于 Based on 12B-2     | 0639                                 | 1208776           | -       | -                                            | -   | - -     |
| 0.750" Pitch          | 0630                                 | -                 | MIN     | 1208789                                      | TR  | ENQ ENQ |
| 0760                  | -                                    | MIN               | 1208790 | MIN                                          | ENQ | MIN     |
| 1480                  | -                                    | MIN               | MIN     | TR                                           | ENQ | ENQ     |
| 基于 Based on ANSI 80-2 | 0510                                 | 1208780           | -       | -                                            | -   | - -     |
| 1.000" Pitch          | 0570                                 | -                 | MIN     | TR                                           | TR  | TR TR   |
| 1120                  | -                                    | TR                | TR      | TR                                           | TR  | TR      |
| 1300                  | -                                    | TR                | TR      | TR                                           | TR  | TR      |
| 1310                  | -                                    | TR                | TR      | TR                                           | TR  | TR      |

MIN=仅供定制，最小起订量为100米  
TR=需要收取加工费。最小订购量为100米。  
ENQ=仅供定制。请查询最小起订量  
有关轮廓外形图及尺寸，请参见第69页和70页。

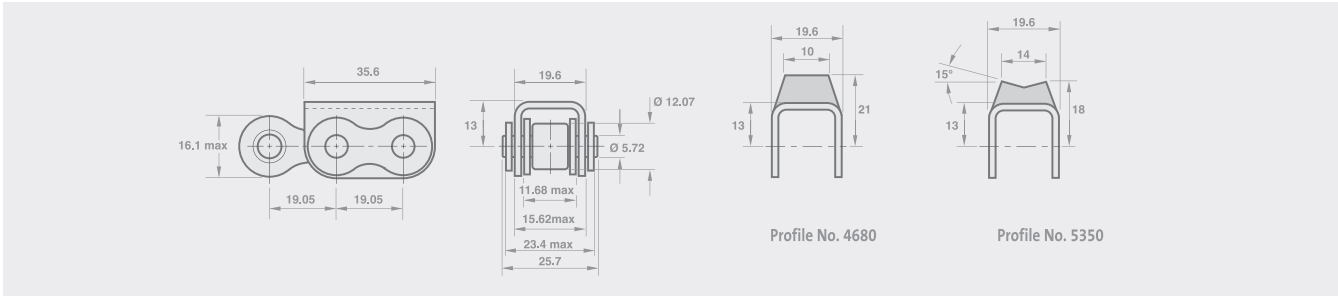
MIN = Made to order only. Minimum order quantity of 100M.  
TR = A tooling charge would be applied. Minimum order quantity of 100M.  
ENQ = Made to order only. Enquire for minimum order quantity

Profile Drawings and dimensions are shown on pages 69 and 70.

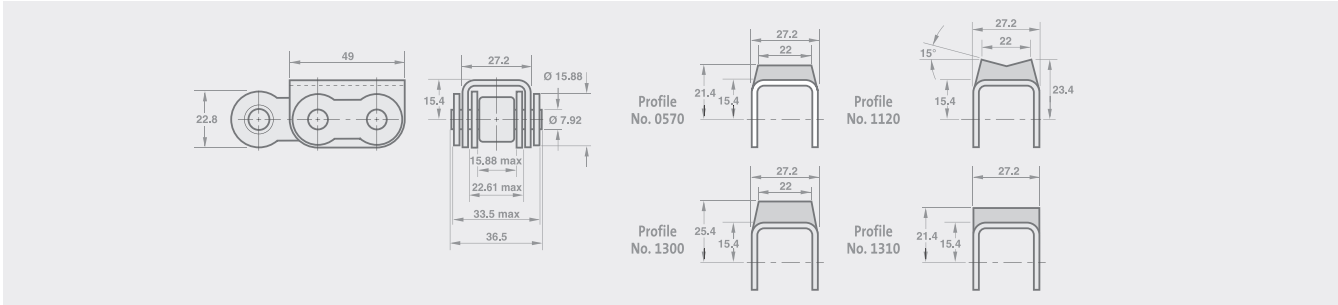
0.500英寸节距简单链条轮廓外形  
0.500" pitch simple chain profiles



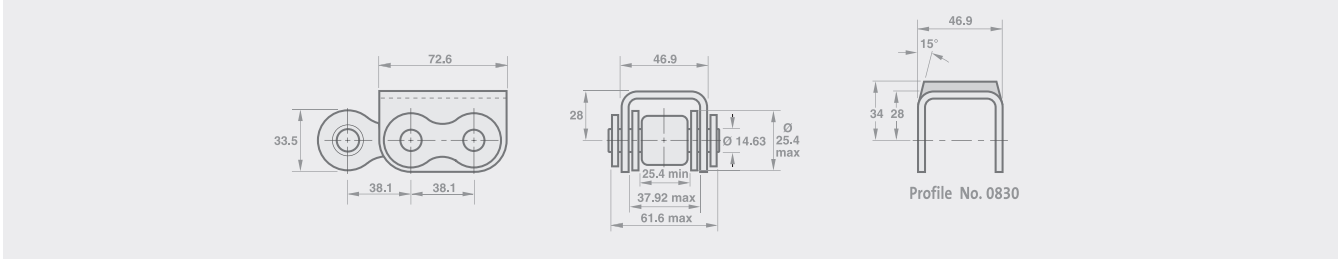
0.750英寸节距简单链条轮廓外形  
0.750" pitch simple chain profiles



1.000英寸节距简单链条轮廓外形  
1.000" pitch simple chain profiles

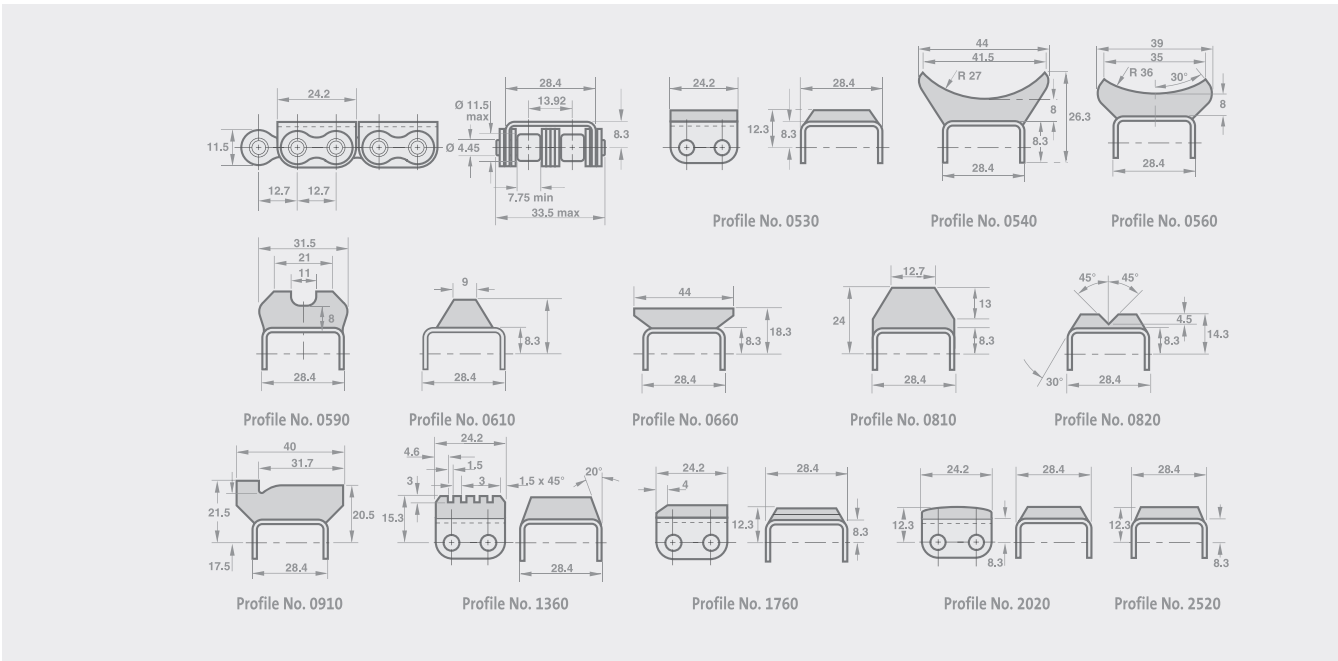


1.500英寸节距简单链条轮廓外形  
1.500" pitch simple chain profiles

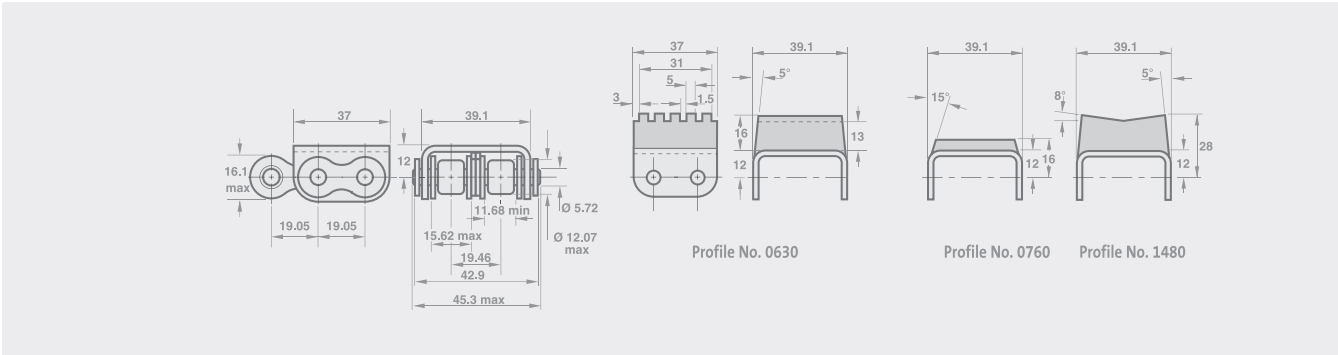


# 聚合物块链 Polymer Block

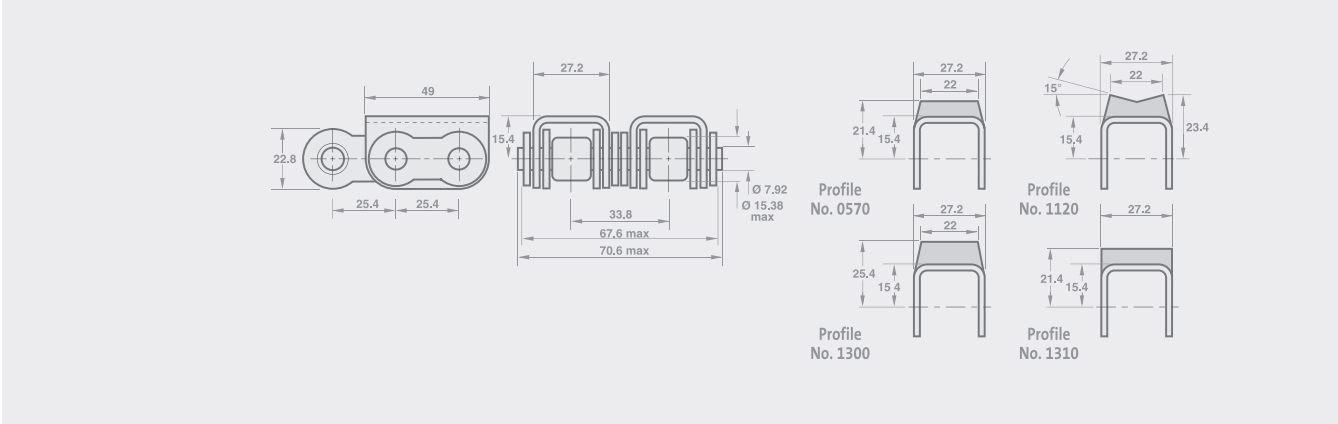
## 0.500英寸节距双排链条轮廓外形 0.500" pitch duplex chain profiles



## 0.750英寸节距双排链条轮廓外形 0.750" pitch duplex chain profiles



## 1.000英寸节距双排链条轮廓外形 1.000" pitch duplex chain profiles



# Roll-Ring® Self Adjusting Chain Tensioner 自我调节链条张紧器

Roll-Ring®是一个由特别聚合物制成的具有革命性的链条张紧器。

唯一的设计是基于齿状环可以在几秒内横向，竖向或对角驱动，仅仅只是放置在两排链条中间。当被驱动时，Roll-Ring®会变成椭圆形，原因是链排内压缩而且全部吸收系统中的松弛。Roll-Ring®具有张紧器和调节器的作用，十分适用于很难或不可能维修的领域。

### 技术规范

Roll-Ring®链条张紧器的张紧功能基于：

- 由弹性环产生的静态张紧作用力
- 由工作中的组成部件的阻力产生的动态张紧作用力

### 优点

Roll-Ring®链条张紧器具有成本效益，而且在安装和维修时都可以节省时间。

Roll-Ring® is a simple yet innovative chain tensioner made from a specially formulated polymer.

The unique design is based upon a simple toothed ring that can be fitted to horizontal, vertical or diagonal drives in a matter of seconds, simply by placing it in-between the two strands of chain. When the drive is in use, the Roll-Ring® deforms to an elliptical shape, due to compression between the strands and completely asborbs any slack in the system. Roll-Ring® performs the job of a tensioner and a damper in one, and is ideally suited to applications where maintenance is difficult or impossible.

### Technical details

Roll-Ring® chain tensioners provide tensioning using:

- Static tensioning force from the elastic ring
- Dynamic tensioning force from the damping of the working material

与其他类型的链条张紧器相比，其优点包括：

- 独立操作-无需链轮、螺栓、板、钻孔或成本较高的装置的有限空间内，可以很容易地安装Roll-Ring®
- Roll-Ring®只需几秒时间安装。
- 无需任何工具、张紧设备或任何进一步的校正或调整即可直接使用。
- 可应用于垂直和对角方向驱动
- Roll-Ring®能够自动工作，无需维护，具有自润滑功能。
- 可应用于多尘及肮脏的环境中
- Roll-Ring®兼具张紧器和减震器的功能，可降低噪音
- Roll-Ring®还能以相反的模式工作。

Roll-Ring®链条张紧器能够降低链条磨损，同时提高整个链条驱动装置的质量和效率。

### Benefits

The Roll-Ring® chain tensioner provides cost effective, time saving installation and maintenance.

The advantages over other types of chain tensioners are:

- Free standing - no sprockets, bolts, plates, drilling or costly installation required
- The Roll-Ring® is easily installed where space limitations prohibit the use of conventional chain tensioners
- The Roll-Ring® is fitted in a matter of seconds
- It is ready for use without any tools, tensioning equipment or any further alignment or adjustment
- It is fully effective in vertical and diagonal drives
- The Roll-Ring® works automatically, is maintenance free and self lubricating
- It can be used in dusty and dirty environments

### 创新型张紧器

Roll-Ring®链条张紧器是一种基本机械装置，它基于一全新的工作原理，代表着在技术领域的一大进步：

- Roll-Ring® 将技术投入的需求降至最低
- 它的操作如此简单，令人惊讶
- 所有功能都被融入一个单独组成部件中
- Roll-Ring®利用链传动系统的空间，由此使设计者和规范者都得到最大的灵活性
- 它具有自动定位及自润滑功能

The Roll-Ring® is a tensioner and damper in one, thus reducing noise levels

Roll-Ring® also works in reverse mode

Roll-Ring® chain tensioners reduce chain wear and improve the quality and efficiency of the complete chain drive.

### The innovative tensioner

The Roll-Ring® chain tensioner is an elementary mechanism based on new principles and represents a major advance in technology:

- Roll-Ring® requires minimal technical effort
- Its operation is astonishingly simple
- All functions are integrated into a single component
- Roll-Ring® utilises the hollow space of the associated chain drive system giving greater flexibility to designers and specifiers
- Automatic positioning and self lubricating

下图：  
Bottom:

啮合式安装 Snap-in installation

▼

下图：  
Bottom:

在未被张紧的链传动装置中存在的振动  
Vibrations in an untensioned chain drive

▼

下图：  
Bottom:

Roll-Ring®链条张紧器既能张紧，又能减震  
The Roll-Ring® chain tensioner tensions and dampens

▼





# Roll-Ring®

## Self Adjusting Chain Tensioner 自我调节链条张紧器

### 案例研究: 巧克力生产

一个大型巧克力制造厂当时遇到一些很严重的问题，即：主要生产线上的链条使用寿命非常短，同时，由于难以拆卸链传动装置，因此存在无法张紧链条的难题。首先由**Renold**工程师建议更换为**Renold**品牌的链条，即：镀镍链条，由此解决了链条寿命过短的问题（4-5周），到目前为止，**Renold**镀镍链条的使用寿命已经达到了12个多月。

其次，通过使用链条张紧器在经过一段时间后进行调整，这样可以减少由于以前所使用的链条出现故障而导致的频繁停机时间。因为维护所需要的时间会产生很大的影响，所以这个巧克力制造厂一直在寻找一种能够快速张紧更换后的链条方法，而**Roll-Ring®**恰好为其提供了一种简单方法。在安装新的Renold链条时，必须将他们调整到靠近其中心的最佳位置，在达到最大挤压力时，只需用手就可以在几秒钟的时间内装好**Roll-Ring®**。

由于Roll-Ring®设计具有极大的灵活性，因此无需任何进一步的调整，以后在链条的使用过程中所产生的所有链条伸长都可以被自动吸收。由于大大缩短了张紧调整所需要的设备停机时间，现在，这个巧克力制造商不仅在很大程度上节约了时间、成本，而且还免除了以前的烦扰。

- 节约张力调整需要的维护时间
- 安装简便
- 有效减震
- 为您提供无与伦比的解决方案

### Case study: chocolate production

A major chocolate manufacturer was experiencing serious problems with short chain life on a main production line and also had chain tensioning problems, due to the inaccessibility of the chain drives. Firstly, the short chain life (4-5 weeks) was overcome when the Renold Engineer recommended a change to nickel plated chains, which led to a new chain life of more than twelve months.

Secondly, regular downtime due to the failure of the previous chains was extended through the fitting of chain tensioners and their ongoing adjustments over time. With a time sensitive maintenance policy, the chocolate manufacturer looked for a solution to speed up the tensioning of the replacement chain and Roll-Ring® provided that simple solution.

The new Renold chain had to be adjusted to be near their ideal centres when fitted, and when the maximum compression was reached the Roll-Ring® was fitted by hand within seconds.

No further adjustments had to be carried out due to the flexibility of the Roll-Ring® design and all future chain extension is automatically taken up during the chain's life.

### 新型工作原理

**Roll-Ring®** 链条张紧器的工作原理基于两个简单现象：

- 在预受应力的状态下，弹性环与传动作用的链条啮合，并且在链条之间滚动，由此形成一个椭圆形。
- 载荷的持续反向运动与链条的松弛相互抵消，由此将**Roll-Ring®**固定在一个适当的位置。

### 安装与维护

**Roll-Ring®**链条张紧器无需维护，可以将它们装配在各自不同的传动装置上，同时无需因为安装而使设备停机。

链条张紧器只有以下要求：

- 有一个工作空间，而且在各股链条之间的间隙应小于链条张紧器的参照直径
- 在链传动装置的链轮之间有足够大的间隙

我们建议将链条张紧器放在两股链条之间，这样在**Roll-Ring®**链条张紧器和最小的链轮之间至少有一个链条节距的间隙。只要**Roll-Ring®**链条张紧器有足够的预应力，也可以将它放在推荐位置尽可能靠外的地方。在这种情况下，我们建议反复试验几次。

在使用**Roll-Ring®**链条张紧器的时候，既可以与同一股链条在一条直线上，也可以与多股链传动装置保持平行。

请注意：三排链传动装置只需要将两个Roll-Ring®链条张紧器放在外面两股链条上。

With a large reduction in equipment downtime for tensioning adjustment, the chocolate manufacturer now enjoys significant time savings, cost savings and peace of mind.

- Saving of maintenance time for tension adjustments
- Simple installation
- Effective dampening
- Unique solution

### The new principle

The principle of the Roll-Ring® chain tensioner is based on two simple phenomena:

- The elastic ring engages with the chain drive strands and rolls between them in a pre-stressed condition taking up the shape of an ellipse
- The constantly opposing movements of the load and slack strands cancel each other out, thereby holding the Roll-Ring® in position

### Installation and maintenance

Roll-Ring® chain tensioners are maintenance free and can be fitted to a wide variety of chain drives with no installation down time.



Roll-Ring®链条张紧器的安装及最终尺寸  
Roll-Ring® installation and final dimensions

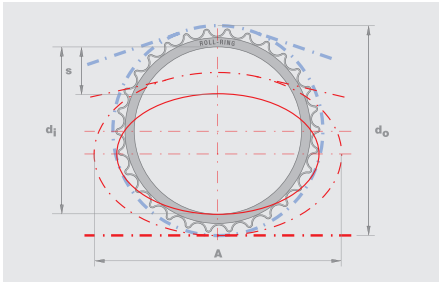
| Part No. | do    | d1    | s    |       |
|----------|-------|-------|------|-------|
| 10503001 | 76.5  | 65.0  | 20.0 | 104.0 |
| 10603001 | 91.1  | 73.0  | 25.0 | 122.0 |
| 10603601 | 109.0 | 89.5  | 25.0 | 143.0 |
| 10802601 | 102.1 | 84.5  | 24.0 | 135.8 |
| 10803001 | 148.0 | 98.0  | 28.0 | 161.6 |
| 10803401 | 170.0 | 115.4 | 30.0 | 165.0 |
| 11002601 | 128.4 | 105.0 | 28.0 | 153.0 |
| 11003001 | 148.0 | 124.6 | 33.0 | 177.0 |
| 11003401 | 170.0 | 141.0 | 38.0 | 217.0 |
| 11202601 | 155.0 | 127.6 | 35.0 | 209.5 |
| 11203001 | 182.2 | 145.0 | 40.0 | 241.7 |
| 11203401 | 207.5 | 169.5 | 45.0 | 265.0 |
| 11602601 | 207.0 | 167.0 | 45.0 | 269.0 |
| 11603001 | 245.8 | 202.0 | 50.0 | 306.0 |
| 12003001 | 303.7 | 244.0 | 60.0 | 390.0 |

The requirement is that:

- There is a working space with a gap between the chain strands which is smaller than the reference diameter of the chain tensioner
- There is a sufficient gap between the chain drive sprockets We recommend that the chain tensioner is positioned between two chain strands such that there is at least one chain pitch between the Roll-Ring® and the smallest sprocket. The Roll-Ring® can also be positioned just as effectively outside this recommended area, as long as it is sufficiently prestressed. In this case, practical trial and error are recommended.

Roll-Ring® chain tensioners can be used in line within the same chain strand, or parallel with each other in multi-strand chain drives. Please note that triplex chain drives only require two Roll-Rings® positioned on the outer strands.

A的值包括与链轮之间的一个安全距离  
Value A includes a safety distance to the sprockets



# Roll-Ring®

## Self Adjusting Chain Tensioner 自我调节链条张紧器

| Part No. | No. of teeth | ISO reference | Maximum static expansive force<br>最大静态膨胀作用力<br>(NEWTONS) | Maximum chain speed<br>链条最高速度<br>(M/S) | Minimum ambient temperature<br>最低环境温度<br>(°C) | Maximum ambient temperature<br>最高环境温度<br>(°C) | Resistant to ultra violet light<br>抗紫外线性能 |
|----------|--------------|---------------|----------------------------------------------------------|----------------------------------------|-----------------------------------------------|-----------------------------------------------|-------------------------------------------|
| 零件编号     | 轮齿数目         | ISO参考编号       |                                                          |                                        |                                               |                                               |                                           |
| 10503001 | 30           | 05B           | 2.900                                                    | 5.000                                  | -20                                           | 70                                            | Normal                                    |
| 10603001 | 30           | 06B           | 15.200                                                   | 5.200                                  | -20                                           | 70                                            | Normal                                    |
| 10603601 | 36           | 06B           | 28.500                                                   | 5.200                                  | -20                                           | 70                                            | Normal                                    |
| 10802601 | 26           | 08B           | 15.700                                                   | 7.500                                  | -20                                           | 70                                            | Normal                                    |
| 10803001 | 30           | 08B           | 22.000                                                   | 8.600                                  | -20                                           | 70                                            | Normal                                    |
| 10803401 | 34           | 08B           | 22.000                                                   | 8.800                                  | -20                                           | 70                                            | Normal                                    |
| 10843001 | 30           | 081 \ 083*    | 16.800                                                   | 7.500                                  | -20                                           | 70                                            | Normal                                    |
| 11002601 | 26           | 10B           | 28.200                                                   | 4.200                                  | -20                                           | 70                                            | Normal                                    |
| 11003001 | 30           | 10B           | 23.000                                                   | 8.800                                  | -20                                           | 70                                            | Normal                                    |
| 11003401 | 34           | 10B           | 45.100                                                   | 8.800                                  | -20                                           | 70                                            | Normal                                    |
| 11202601 | 26           | 12B           | 39.200                                                   | 5.400                                  | -20                                           | 70                                            | Normal                                    |
| 11203001 | 30           | 12B           | 65.000                                                   | 6.200                                  | -20                                           | 70                                            | Normal                                    |
| 11203401 | 34           | 12B           | 70.500                                                   | 6.400                                  | -20                                           | 70                                            | Normal                                    |
| 11602601 | 26           | 16B           | 95.700                                                   | 5.700                                  | -20                                           | 70                                            | Normal                                    |
| 11603001 | 30           | 16B           | 108.500                                                  | 6.200                                  | -20                                           | 70                                            | Normal                                    |
| 12003001 | 30           | 20B           | 194.000                                                  | 7.000                                  | -20                                           | 60                                            | Normal                                    |
| 10603001 | 30           | 35            | 5.700                                                    | 5.200                                  | -20                                           | 70                                            | Normal                                    |
| 10802601 | 26           | 40            | 15.200                                                   | 7.500                                  | -20                                           | 70                                            | Normal                                    |
| 10803001 | 30           | 40            | 22.000                                                   | 8.600                                  | -20                                           | 70                                            | Normal                                    |
| 10843001 | 30           | 41            | 16.800                                                   | 7.500                                  | -20                                           | 70                                            | Normal                                    |
| 11002601 | 26           | 50            | 28.200                                                   | 4.200                                  | -20                                           | 70                                            | Normal                                    |
| 11003001 | 30           | 50            | 23.000                                                   | 8.800                                  | -20                                           | 70                                            | Normal                                    |
| 11003401 | 34           | 50            | 45.100                                                   | 8.800                                  | -20                                           | 70                                            | Normal                                    |
| 11202601 | 26           | 60            | 39.200                                                   | 5.400                                  | -20                                           | 70                                            | Normal                                    |
| 11203001 | 30           | 60            | 65.000                                                   | 6.200                                  | -20                                           | 70                                            | Normal                                    |
| 11602601 | 26           | 80            | 95.700                                                   | 5.700                                  | -20                                           | 70                                            | Normal                                    |
| 11603001 | 30           | 80            | 103.000                                                  | 6.600                                  | -20                                           | 70                                            | Normal                                    |
| 12003001 | 30           | 100           | 194.000                                                  | 7.000                                  | -20                                           | 60                                            | Normal                                    |
| 20802601 | 26           | 08B           | 13.500                                                   | 7.100                                  | -20                                           | 70                                            | High#                                     |
| 20803001 | 30           | 08B           | 20.400                                                   | 7.400                                  | -20                                           | 70                                            | High#                                     |
| 20843001 | 30           | 081 \ 083*    | 15.400                                                   | 6.800                                  | -20                                           | 70                                            | High#                                     |
| 21003001 | 30           | 10B           | 20.000                                                   | 7.800                                  | -20                                           | 70                                            | High#                                     |
| 21202601 | 26           | 12B           | 37.000                                                   | 5.000                                  | -20                                           | 70                                            | High#                                     |
| 21203001 | 30           | 12B           | 52.000                                                   | 5.600                                  | -20                                           | 70                                            | High#                                     |
| 21603001 | 30           | 16B           | 100.600                                                  | 5.800                                  | -20                                           | 70                                            | High#                                     |
| 22003001 | 30           | 20B           | 165.800                                                  | 6.300                                  | -15                                           | 60                                            | High#                                     |

# 抗紫外线**Roll-Ring®**链条张紧器适用于需要使**Roll-Ring®**链条张紧器暴露在紫外线下的设备，例如：农业机械、社区服务设备、施工设备等等。  
~ 如果特殊的工作温度低于或高于在上表中所列出请咨询**Renold**  
\* 适合所有宽度介于1/8英寸到5/16英寸之间的滚子链。

\*\*在20°C下的最大调整量，没有与链条速度成比例的动态膨胀作用力。  
NB 注意：抗紫外线型**Roll-Ring®**链条张紧器与标准型**Roll-Ring®**链条张紧器具有不同的力学特性，这可能会导致使用寿命缩短。

# Ultra Violet resistant Roll-Rings® for use in equipment where the Roll-Ring® is exposed to Ultra Violet Light ie. agricultural machinery, community service equipment, building machines etc  
~ For special operational temperatures lower or higher than those listed please consult Renold.  
\* To fit all roller chain widths from 1/8 to 5/16".

\*\* At 20°C maximum adjustment, without dynamic expansive force proportional to chain speed.  
NB Ultra Violet resistant Roll-Rings® have different mechanical properties to the standard Roll-Ring® which could result in a lower service life.

以上资料均基于当前的知识和经验，我们有权对其进行变更，以作为产品技术改进方案的一部分。

Ebert Kettenspanick GmbH 注册商标641 683。

**Roll-Ring®**的产品范围将不断扩大，请咨询Renold以便共同讨论您的特殊要求。

The above information is based on current knowledge and experience, we reserve the right to make modifications as part of our technical product improvement programme.

Registered trademark 641 683 from Ebert Kettenspanick GmbH.

The range of ROLL-RING® products continues to increase. Please consult Renold to discuss your particular requirements.

## 应用行业 Industries

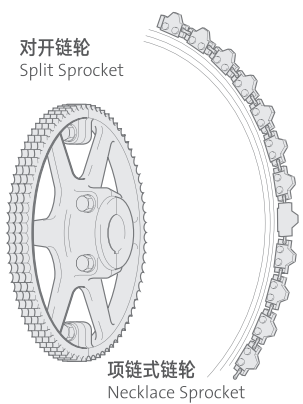
典型应用: Typical applications:

- |          |                                |           |                        |
|----------|--------------------------------|-----------|------------------------|
| • 农业机械   | Agricultural machinery         | • 切纸设备    | Paper cutting machines |
| • 行李搬运   | Baggage handling               | • 印刷机     | Printing machines      |
| • 纸板制造   | Cardboard manufacture          | • 道路施工设备  | Road building machines |
| • 巧克力制造  | Chocolate manufacture          | • 机器人技术   | Robotics               |
| • 地面压力设备 | Ground compression machines    | • 辊道式传动系统 | Roller drive systems   |
| • 窑用输送装置 | Kiln conveyors                 | • 砖瓦制造    | Tile manufacture       |
| • 传动系统制造 | Manufacture of drive systems   | • 运输系统    | Transport systems      |
| • 压力设备制造 | Manufacture of pressing plants | • 木屑输送    | Wood chip conveying    |

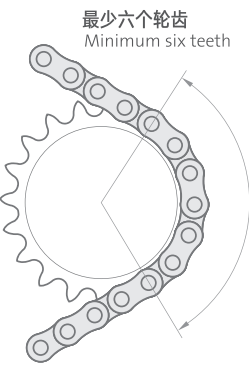


# Transmission Sprocket Details

## Sprockets for Roller Chain 滚子链的链轮



| Sprocket | Smooth Running | Moderate Shocks      | Heavy Shocks         |
|----------|----------------|----------------------|----------------------|
| 链轮       | 平稳运转           | 中等程度震动               | 剧烈震动                 |
| 不超过 29齿  | EN8或EN9        | EN8或EN9淬火及回火或表面硬化低碳钢 | EN8或EN9淬火及回火或表面硬化低碳钢 |
| 30齿及以上   | 铸铁             | 低碳钢或孕育铸铁             | EN8或EN9淬火及回火或表面硬化低碳钢 |



Renold 能够大批量制造适用于节距不超过2英寸的英国标准链条的各种链轮。如果有要求，我们也可以提供其他规格的链轮，包括符合美国标准尺寸要求的链轮。此外，如果客户有要求，Renold还可以制造特殊材质或特殊形式的专用链轮，这些通常适用于恶劣或艰苦传动条件下的特殊应用，例如：

- 带轴链轮
- 焊接或可分离轮毂
- 配有剪切销装置
- 由链板和单个轮齿部分组成的项链式链轮，用于转动大滚筒或工作台。
- 组合链轮（由两个或多个具有不同节距规格及轮齿数目的链轮组合在一起）
- 由两部分或更多部分组成的链轮，例如：对开链轮或片式链轮。

Renold manufacture a comprehensive range of stock sprockets for British Standard chain up to two inch pitch. Other sizes of sprocket, including those to American Standard dimensions, are available on request. Special sprockets are also manufactured on request, in special materials or formats, normally to suit a specific application in harsh or difficult drive situations, examples being:

- Sprockets incorporating shafts
- Welded or detachable hubs
- Shear pin devices fitted
- Combination sprockets (two or more sprockets combined having different pitch sizes and numbers of teeth)
- Necklace sprockets made up of chain plates and individual tooth sections for turning large drums or tables
- Sprockets in two or more sections, i.e. split sprockets or segmental sprockets

**链轮材质的选择**  
材料与热处理的选择取决于链轮的形状、直径和质量。可以将上表作为正确选择链轮材料的简易指南。

**链轮与链条的兼容性**  
大多数传动装置的链条都有偶数个节距，通过使用具有奇数个轮齿的链轮，可以确保链条与链轮轮齿上的磨损均匀分布。主动链轮和从动链轮也可以都使用偶数个轮齿，但是链轮轮齿和链条磨损分布的均匀性比较差。

**轮齿的数目**  
在任何从动链轮中，轮齿的最大数目不应超过114.该限定是因为：对于链条由于磨损而产生的已知伸长，在链轮上的链条的工作节距会随着标称节距而增加，即：链条在链轮轮齿上将会占据更高的位置。规定的容许安全链条磨损不应超过标称长度的2%。利用一个简单的公式200/N就可以确定链轮允许的链条伸长程度（用百分比表示）；在公式中，N是传动系统中最大链轮的轮齿数目。

**Selection of sprocket materials**  
Choice of material and heat treatment will depend upon shape, diameter and mass of the sprocket. The table above can be used as a simple guide on the correct selection of sprocket material.

**Sprocket and chain compatibility**  
Most drives have an even number of pitches in the chain and by using a driver sprocket with an odd number of teeth, uniform wear distribution over both chain and sprocket teeth is ensured. Even numbers of teeth for both the driver and driven sprockets can be used, but wear distribution on both the sprocket teeth and chain is poor.

**Number of teeth**  
The maximum number of teeth in any driven sprocket should not exceed 114. This limitation is due to the fact that for a given elongation of chain due to wear, the working pitch diameter of the chain on the sprocket increases in relation to the nominal pitch diameter, i.e. the chain assumes a higher position on the sprocket tooth. The allowable safe chain wear is considered to be in the order of 2% elongation over nominal length.

A simple formula for determining how much chain elongation a sprocket can accommodate is  $200/N$  expressed as a percentage where N is the number of teeth on the largest sprocket in the drive system.

当主动链轮和从动链轮都是由同一根链条操作时，使轮齿的数目之和不少于50是一个很好的做法。举例来说，在传动比为1:1的传动装置上，两个链轮应该各为25个轮齿。

**中心距离**  
为了优化耐磨损寿命，在两个链轮之间的中心距离通常应该介于链条节距的30倍到50倍之间。在传动装置的设计方案中，如果中心距离小于30个链条节距或大于2米，则我们建议您与我们的技术人员一起讨论传动装置的详细情况。有时候最小中心距离是由链条在主动链轮上的重叠程度决定的，在这种情况下，我们通常建议与链条啮合的轮齿不得少于六个。此外，中心距离还取决于为了避免使用弯板链节而应用偶数节距链条的客观需要，除了特殊情形之外，不建议采用这种做法。对于在水平面上的传动装置而言，应该尽可能采用与主动链轮上建议的链条重叠程度（最小六个轮齿）一致的最短中心距离。

It is good practice to have the sum of teeth not less than 50 where both the driver and driven sprockets are operated by the same chain, e.g. on a 1:1 ratio drive, both sprockets should have 25 teeth each.

**Centre distance**  
For optimum wear life, centre distance between two sprockets should normally be within the range 30 to 50 times the chain pitch. On drive proposals with centre distances below 30 pitches or greater than 2m, we would recommend that the drive details are discussed with our technical staff.

The minimum centre distance is sometimes governed by the amount of chain lap on the driver sprocket, our normal recommendation in this circumstance being not less than six teeth in engagement with the chain.

The centre distance is also governed by the desirability of using a chain with an even number of pitches to avoid the use of a cranked link, a practice that is not recommended except in special circumstances.

For a drive in the horizontal plane, the shortest centre distance possible should be used consistent with recommended chain lap (minimum six teeth) on the driver sprocket.



## 断链器

### Chain Pin Extractor

您是否需要磨掉链条来切断？Renold让您轻松切断链条。使用Renold断链器不用力气就能切断链条，只需花费几秒钟而且不会造成混乱。

Do you have to grind chain to cut it? Renold makes cutting chain easy. Using the Renold Chain Pin Extractor cutting chain is effortless, it takes just seconds and there's no mess.

[www.renoldpinextractor.com](http://www.renoldpinextractor.com)



## 链条测量尺

### Chain Wear Guide

使用测量尺轻松而且准确测量链条伸长。运行磨损过长链条会降低效率。可以单独购买也可以购买一整套，这些工具能够帮助您提高链条驱动性能，防止链轮轮齿加速磨损而且使操作噪音最小化。

Measure chain extension easily and accurately with chain wear guides from Renold. Running a worn chain will reduce efficiency. Available individually or as a set, these tools help you to improve your chain drive performance, prevent accelerated sprocket tooth wear and minimise operational noise.

[www.chainwearguide.com](http://www.chainwearguide.com)



## Renold Klik-Top polymer block chain

Renold Klik -Top聚合块链是对传统聚合块链的一个现代化替代。如果你需要移除Klik-Top聚合块是十分容易，无需拆卸链条。

**Renold:生活更轻松！**

Renold Klik-Top polymer block chain is a modern alternative to conventional polymer block chain. If you need to remove a Klik-Top block it's easy, no need to disassemble the chain. Renold: making life easier!

[www.kliktopchain.com](http://www.kliktopchain.com)

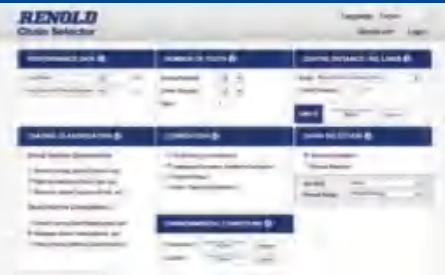
## 链条选择器

### Renold Chain Selector

Renold开发了新的链条选择器，使选择正确的传输链更加地轻松。你可以快速而且简单地产生一个选择，改变参数同时包括环境因素比如生锈或者润滑，甚至可以运算带冲击力的应用环境。

The new Chain Selector from Renold has been launched, making it even easier to specify the right transmission chain for the job. You can quickly and easily generate a selection, alter parameters to include environmental factors like corrosion or lubrication and even allow for applications with shock loads.

[www.renoldchainselector.com](http://www.renoldchainselector.com)





## Section 2

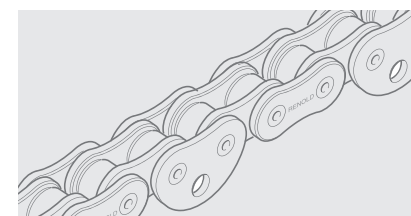
### 工业应用

### Industry Applications



## 特殊工程链条

## Special Engineered Chain



### 航空链条

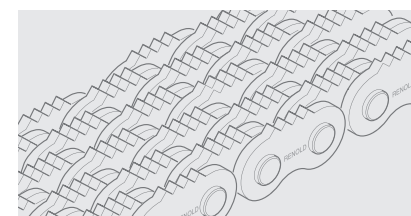
- 8毫米 - 12.7毫米节距
- 遵循BAe规范

Renold航空链条为使用控制系统和其他操作齿轮提供一个灵活连接，包括需要正向张力的动力传输

### Aircraft chain

- 8mm to 12.7mm pitch
- Conforms to BAe spec.

Renold aircraft chain provides a flexible connection for use in control systems and other operating gear, including the transmission of power, where a positive tension is required.



### 管钳链 - 石油业

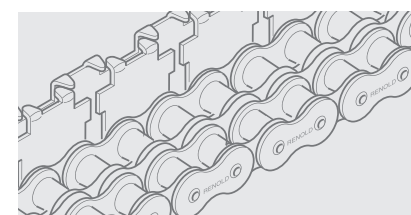
- 586 927
- 31.75毫米节距

石油业使用管钳链系统来装配“下孔管”。

### Pipe wrench chain - oil industry

- 586 927
- 31.75mm pitch.

The oil industry use a pipe wrench chain system to assemble 'Down Hole Pipes'.

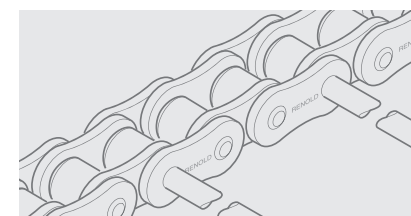


### 金属板运输

- 19.05 - 25.4 毫米节距链条
- “弯爪”附件支撑方形棒可以支持钢板通过打印和烘干流程。

### Sheet metal handling

- 19.05mm pitch and 25.4mm pitch chain.
- 'Bent-claw' attachments hold square rods which support steel sheets through printing and drying processes.



### 罐头制造

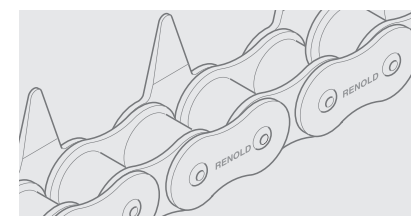
- 9.05毫米 - 25.4毫米节距链条

标准和空心销轴传输链条固定塑料小件，加长销轴用于输送新喷漆的罐头通过干燥炉。此产品需要特殊高温油。

### Can manufacture

- 9.05mm and 25.4mm pitch chain.

Standard and hollow bearing pin transmission chain fitted with plastic tipped, extended bearing pins used for transporting freshly painted cans through drying ovens. Special high temperature lubricant available on this product.



### 聚乙烯薄膜生产

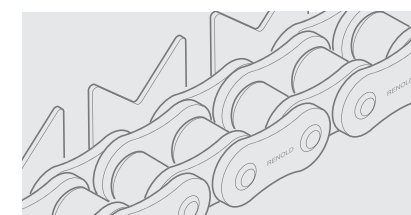
- 6.35 - 31.75毫米节距

磨尖形状附件刺穿聚乙烯薄膜并且拉动它通过不同的生产流程。

### Polythene film production

- 6.35mm to 38.1mm pitch.

Sharpened spiked shaped attachments pierce the polythene and pulls it through various production processes.

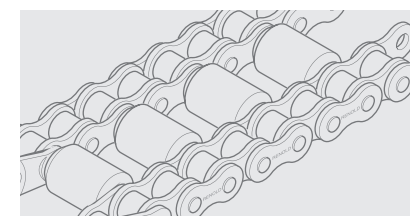


### 小零件生产

- 8 毫米, 12.7毫米和15.8毫米节距链条
- 典型V型附件板用于定位小型电子零件比如电阻和电容器通过不同生产流程。链条一般在成型板内成对运行来适合特定产品。

### Small component manufacture

- 8mm, 12.7mm and 15.8mm pitch chain.
- A typical V-shaped attachment plate used to locate small electrical components such as resistors and capacitors, through various production processes. The chains generally run in pairs with plates formed to suit specific products.



### 扶梯驱动链

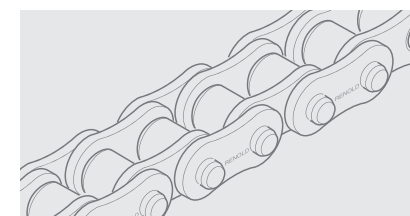
- 584107
- 25.4毫米节距
- 破断载荷129.4 kN

双股配对链条用加长销轴链条，并且塑料滚子固定用于扶梯中的无声驱动。

### Escalator drive chain

- 584107
- 25.4mm pitch
- Breaking load 129.4 kN.

Two strands of matched chain connected by extended bearing pins and fitted with plastic rollers for silent drives in escalators.



### 采石场链条 - 岩石钻探

- ANSI HV系列 50.8毫米节距

6条链条驱动的岩石钻探机头部用于钻孔爆炸系统。

### Quarry chain - for rock drilling

- ANSI HV series 50.8mm pitch.

Face rock drilling machines with six chain driven heads are used to drill holes for explosive charges.

# 航空链条

## Aircraft Chain

### 质量

**Renold**为所有类型的飞机制造和供应链条已经有100多年,公司自1927年以来一直能够提供检验证书。**Renold**是一个英国航空批准的供应商。(批准编号BAe/AG/3049/CHD)。

这个目录中的详细技术指导应该结合上述和其他当局类似的当前要求进行阅读。

### 性能

航空链条为使用控制系统和其他操作齿轮提供一个灵活连接, 包括需要正向张力的动力传输。

正确和经济应用的链条很大程度上依赖于一个恰当的方法使链条能够有效连接到系统中的其他部分。

当使用标准**Renold**链条和不可逆的链条用于连接恰当的链轮,导轨和连接器时,不可能出现不正确装配的情况。

当开发新的航天器时, 链条的应用也在不断地增加。我们的技术人员中的设计工程师和生产者也会配合航天应用处理相应的应用。

### Quality

Renold has manufactured and supplied chain for all types of aircraft for about 100 years and the company has been able to issue inspection certificates since 1927. Renold is an approved supplier to British Aerospace (Approval No. BAe/AG/3049/CHD).

The technical guidance notes detailed in this catalogue should be read in conjunction with the current requirements of the above mentioned and other similar authorities.

### Function

Chain provides a flexible connection for use in control systems or other applications, including the transmission of power, where positive tension is required.

Correct and economical application of chain is, however, largely dependent upon an appreciation of the methods available for effecting connection of the chain to other parts of the system. When standard Renold chain and non-reversible chain are used in conjunction with the appropriate sprockets, guards and connectors, they make incorrect assembly impossible.

With the development of new aircraft, applications for chain are continuously increasing. Our technical staff are at the disposal of design engineers and manufacturers for collaboration in the application of

此行业典型的应用是:

#### 控制

- 副翼
- 副翼配平片
- 控制柱
- 提升器
- 提升器配平片
- 发动机
- 螺旋桨螺距
- 方向舵
- 方向舵配平片

#### 操作齿轮

- 整流罩鱼鳞板
- 座舱盖
- 舱门操作
- 停射装置
- 油阀
- 空中加油系统
- 发动机管嘴转动
- 着陆襟翼
- 装载葫芦
- 散热器百页窗
- 座位调节

chain for aircraft use.

Typical applications within the industry are:

#### Controls

- Ailerons
- Aileron trimming tabs
- Control columns
- Elevators
- Elevator trimming tabs
- Engine
- Propeller pitch
- Rudder
- Rudder trimming tabs

#### Operating gear

- Cowl gill
- Cockpit hood
- Door operation
- Fire interrupter
- Fuel valve
- Flight refuelling systems
- Engine nozzle rotation
- Landing flaps
- Loading hoists
- Radiator shutter
- Seat adjustment

### Specification

#### Adaptability

The adaptability of chain makes it ideal for control runs. Changes in directions are readily made by the use of guide pulleys or sprockets. By the inclusion of bi-planar blocks, changes in the plane of motion through 90 degrees can be made.

#### Durability and strength

Our specification of specially selected steels enhanced by our own heat treatment, apart from providing the highest load/weight ratio, ensures minimum chain

### 规格

#### 适应性

链条的适应性十分适合控制系统运行, 使用导向滑轮或链轮能够轻松转变方向。包含双面物块能够使飞机进行90度运动。

耐久性和强度

我们特别挑选的钢材能够通过我们自己的热处理加强, 除了提供最高的负载/重量比,确保链条运行的耐磨最小和能够承受最艰巨的飞行状况。

精密制造技术,再加上我们认证的链条规格,提供了一个积极的,光滑和统一行动。链条的弹性也是一个防范冲击加载的安全保障。

### 优势

- 质量/认证
- BAe认证
- 可靠性
- 耐久性
- 安全性
- 灵活性
- 良好记录
- 经验



wear in service and the ability to withstand the most arduous flying conditions.

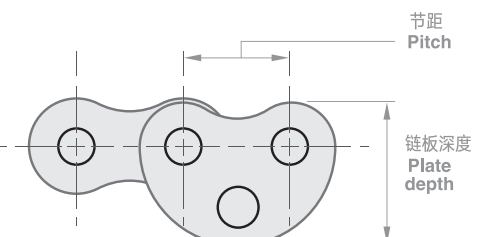
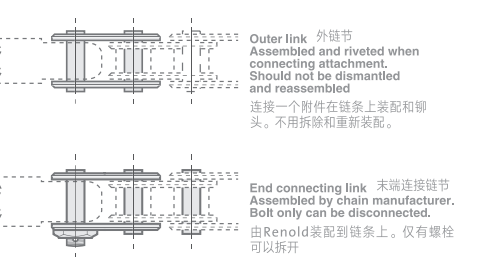
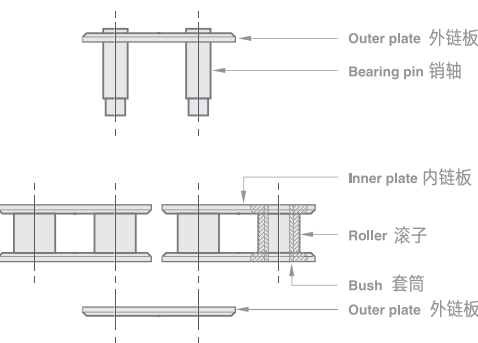
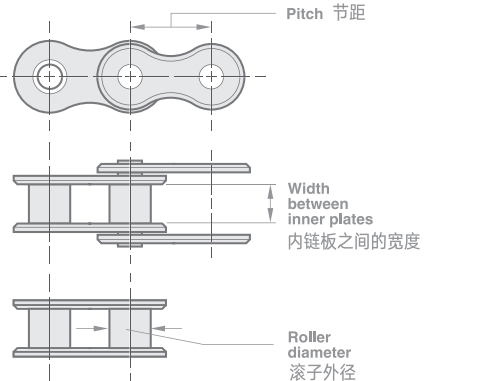
Precision manufacturing techniques, coupled with our proven chain specification, provides a positive, smooth and uniform action. The resilience of chain is also a safeguard against shock loading.

### Benefits

- Quality/certification
- BAe Approved
- Reliability
- Durability
- Safety
- Flexibility
- A Proven Track Record
- Experience

# 航空链条

## Aircraft Chain



### 齿轮尺寸

一个简单滚子链有三个原则性的尺寸能够识别（在第一张图内有详细介绍）。这些尺寸也会影响到齿轮尺寸，他们都与链条上运行的链轮的尺寸有关联，他们分别是节距，内链板之间的宽度和滚子的直径。

### Gearing dimensions

A simple roller chain has three principal dimensions (detailed in diagram one) by which it can be identified. These dimensions, referred to as the gearing dimensions, since they are related to the sizes of the sprockets on which the chain will run, are the PITCH, the WIDTH BETWEEN THE INNER PLATES and the ROLLER DIAMETER.

### 零件

一个简单滚子链的外链节零件和内链节零件在第二张图内阐述了链条构造的方法。

### Component parts

The component parts of an outer link and an inner link of a simple roller chain are illustrated in diagram two to demonstrate the method of chain construction.

### 附件链节

不同的附件链节用于附加零件到第三幅图内的航空一个链条上。附件可由客户或**Renold**提供，在预拉之前由**Renold**装配到链条。

### Attachment links

The various types of attachment link used for attaching components to an aircraft chain are shown in diagram three. Attachments, customer free issue or Renold supplied, should be assembled into the chain by Renold before proof loading takes place.

### 外链节

连接一个附件在链条上装配和铆头。不用拆除和重新装配。

末端连接链节

由**Renold**装配到链条上。仅有螺栓可以拆开

### 不可逆的链条

不可逆链条的零件在第四幅图上显示与一般链条相似，仅仅不同的是每四节链条上装配的特殊外链板

**Outer link**

Assembled and riveted into the chain when connecting an attachment. Never dismantle and re-assemble.

### End connecting link

Assembled into the chain by Renold. Bolt only may be disconnected.

### Non-reversible chain

The component parts of non-reversible chain shown in diagram four are similar to simple chain with the exception of the special outer plates assembled into the chain at four pitch spacing.



# 巧克力生产

## Chocolate Manufacturing

**Renold**提供一整套链条来满足生产糖果产品的需要。环境的要求比如食品卫生，同时也考虑例如防锈和耐磨的情况。提供标准和非标附件来满足您的需要。Renold有丰富的经验来提供产品和支持您高量生产线操作。

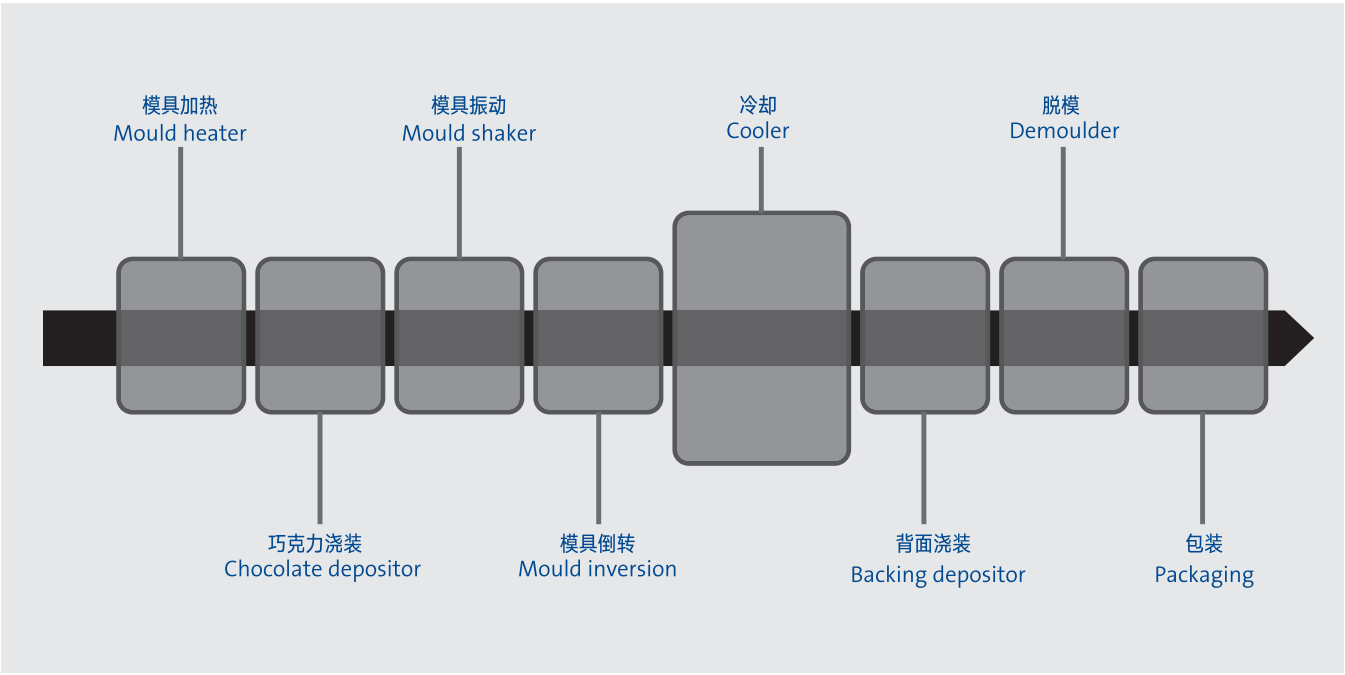
Renold supplies a comprehensive range of chain to meet the demands of manufacturing confectionary products. Environmental requirements such as hygiene are catered for as well as considerations such as corrosion and wear resistance.

Standard and non-standard attachments are available to suit your needs. Renold has the experience to provide products and support to keep your high volume production lines operational.

在工艺过程的每个阶段**Renold**都能提供所需的准确服务。

我们精密的链条产品能保证生产线上的模具分度索引精确，巧克力极少浪费。

At every stage of the process Renold provides exactly what you need.  
Precision in our chain ensures accurate indexing of moulds along a production line, minimising waste chocolate.



我们不仅提供各类产品  
您还能从**Renold** 得到最好的服务

*We don't just provide products that make a difference;*

*you get the best services from Renold too!*

# 食品生产

## Food Processing

世界上最大和最多样化的行业之一,食品的加工、制造和包装给予工程师挑战来寻求满足严格生产力的目标。这需要一流的技术支持和正确的产品。

**Renold**提供用于食品行业最全面的供应链产品，与很多领先的国际品牌合作。

链条旨在减少维修，高水平的耐磨性，抗疲劳性和防腐蚀性，让您一直保持高水平的生产力，而这些都是我们所擅长的。One of the largest and most diverse industries imaginable, the processing, manufacturing and packaging of the world's food products delivers challenges to engineers looking to meet tough productivity targets. This requires first class technical support and the right product for the job.

Renold offers the most comprehensive range of chain products designed for the food industry and works with many of the leading international brand names that we encounter every day.

Chain aimed at reducing maintenance, delivering high levels of resistance to wear, fatigue and corrosion and keeping your production levels at their highest; that's our speciality!

无论您怎样的应用环境，**Renold** 总有供您选择的链条。

Renold has options, whatever your application environment!



| 环境 Conditions                                                                                                     | 链条解决方案 The Chain Solution                                                                                     |                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 冲洗 Washdown                                                                                                       | Syno PB<br>Stainless steel chain 不锈钢链条                                                                        | Hydro-Service chain<br>镀镍链条 Nickel plated chain<br>聚合物套筒输送链 Polymer bushed conveyor chain                                      |
| 腐蚀环境 - 轻微 pH值 (5-7) Corrosive conditions - Mild (pH between 5 and 7)                                              | Syno NP <sup>1 4</sup><br>不锈钢 Stainless Steel <sup>1 3 4 5</sup><br>消毒器链条 Steriliser chain <sup>1 3 4 5</sup> | 聚合物套筒输送链 Polymer bushed conveyor chain <sup>3 4</sup><br>Hydro-Service chain <sup>1</sup><br>镀镍链条 Nickel Plated <sup>3 4</sup> |
| 腐蚀环境 - 高腐蚀 Corrosive conditions - High (pH值 低于5 和高于 7; 温度高于60度) (pH below 5 and above 7; temperatures above 60°C) | 镀镍链条 Nickel Plated                                                                                            | 不锈钢 Stainless Steel <sup>1</sup>                                                                                               |
| 无法润滑 Cannot lubricate                                                                                             | Syno NP                                                                                                       | Syno PB                                                                                                                        |
| 直接接触食物 Direct contact with food                                                                                   | 不锈钢 Stainless steel                                                                                           |                                                                                                                                |
| 高冲击载荷 High shock loads                                                                                            | 标准滚子链 Standard roller chain<br>标准输送链 Standard conveyor chain                                                  | 工程级链条 Engineering class chain                                                                                                  |
| 重型载荷 Heavy loads                                                                                                  | 标准输送链 Standard conveyor chain                                                                                 | Renold Synergy                                                                                                                 |
| 温度：热或冷 (零下40度到零上180度) Temperature: Hot or Cold (Between -40°C and 180°C.                                          | 不锈钢 Stainless steel                                                                                           | 标准输送链 Standard conveyor chain                                                                                                  |
| 需要高于180度特殊润滑油 (Above 180°C special lubrication would be required)                                                 | 消毒器链条 Steriliser chain                                                                                        | 工程级链条 Engineering class chain                                                                                                  |
| 湿度高 High humidity                                                                                                 | 不锈钢 Stainless steel<br>Hydro-Service                                                                          | 消毒器链条 Steriliser chain                                                                                                         |
| 高速 High speed                                                                                                     | 标准滚子链 Standard roller chain<br>双节距滚子链 Double Pitch roller chain                                               | 罐头喂料链 Can feeder chain                                                                                                         |
| 垂直系统 Vertical system                                                                                              | 不锈钢 Standard roller chain                                                                                     | 工程级链条 Engineering class chain                                                                                                  |
| 索引/成型应用 Indexing / moulding applications                                                                          | 不锈钢 Standard roller chain                                                                                     | 裙带链 Apron chain                                                                                                                |
| 高磨砺 High Abrasion                                                                                                 | Sovereign                                                                                                     |                                                                                                                                |

1= 适合温度超过60度 (不锈钢和消毒器链条)  
2= 适合温度超过60度的高腐蚀环境 (不锈钢)  
3= 适合于一般腐蚀的环境  
4= 适合环境相关的点蚀和缝隙腐蚀,如盐水, 适度高温或3 - 5的pH值  
5= 适合电化学腐蚀的环境

1 = Suitable for temperatures over 60oC (stainless steel and steriliser chain)  
2 = Suitable for highly corrosive conditions of more than 60oC (stainless steel)  
3 = Suitable for environments associated with general corrosion  
4 = Suitable for environments associated with pitting or crevice corrosion such as salt water, moderately high temperatures or a pH of 3 - 5  
5 = Suitable for environments associated with galvanic corrosion



# 滑移转向装载机链条 Skid Steer Vehicle Chain



在艰苦环境下运行，滑移转向装载机链条设计超过其需要。**Renold**有着丰富的经验供应链条给专业车辆的供应商。

驱动系统提供高负载和压力这意味着链条必须尽可能长时间能够抵抗磨损和疲劳,而这一直是Renold链条设计的核心。突然冲击引起的快速方向变化将很快暴露其他链条不胜任这项工作。

使用Renold ANSI Xtra系列的单排链条有着更厚链板和一个整体淬火销轴，车辆生产商可以确信我们的产品可以满足他们高标准。链条可以提供成环接型这样链轮的中心距也可以被调整从而适应链条。

- 需要Renold抗疲劳性的应用环境
- 链板和销轴规格适合于冲击载荷
- 可以提供环接链条
- 艰苦的环境使用艰苦链条

Operating in tough conditions, chain for skid steer vehicles has to be designed to exceed the demands placed upon it. Renold has a wealth of experience supplying chain to manufacturers of these specialist vehicles.

The drive systems deliver high loads and stress which means the chain must be able to withstand wear and fatigue for as long as possible, something that has always been at the very heart of Renold chain design. The sudden shocks caused by rapid changes of direction will soon expose any chain that isn't up to the job.

Using simplex chain from the Renold ANSI Xtra range, with thicker side plate a through-hardened pin, vehicle manufacturers can be sure that they are using a product that meets their own high standards. The chain can also be supplied in endless loops so that sprocket centre distance can be adjusted to accommodate the chain.



- Demanding application requires Renold fatigue resistance
- Plate and pin specification ideal for shock loadings
- Endless loops available
- Tough chain for a tough job

# 港口及集装箱运输 Ports & Container Handling



**Renold** 供应在世界各地的港口应用的各种提升链条。全面系列的滚子链和板式链运行在起重机械轮子或者轨道上。

Renold supplies a wide range of chain for lifting applications at ports around the world. With a comprehensive range of both roller and leaf chain for lifting machinery running on either wheels or rails.

Renold链条设计以高抗耐磨和抗疲劳性为规范并提供最持久性能。

当运输高载荷的物体时安全系数就非常重要，Renold懂得此重要性能够确保在产品完整上长工作寿命。

- ANSI标准大节距滚子链
- 不同规格来满足应用
- 范围广的板式链尺寸
- 也可以提供Galle链条

The Renold specification of designing chain is to be highly resistant to wear and fatigue delivers lasting performance.

Factors of safety are critical when large payloads are being transported and Renold understands the importance of ensuring long working life based on product integrity.

- ANSI standard large pitch roller chain
- Differing specifications to suit application
- Wide range of leaf chain sizes
- Galle chain also available

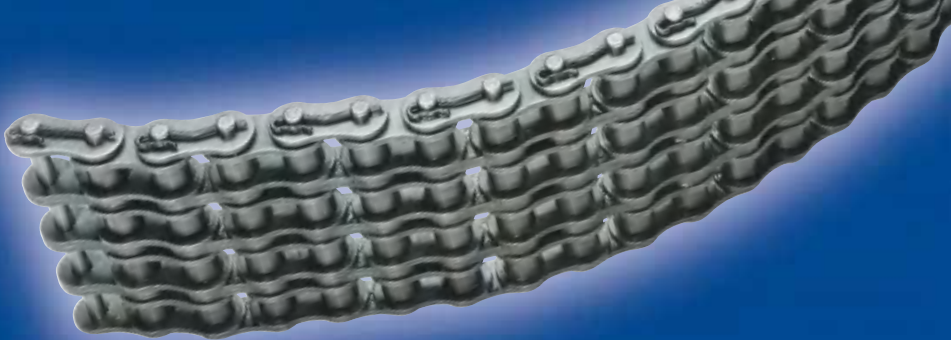




# 油田链

## Renold Oilfield chain

是最好的因为... is best because...



### 油田链

- 获得API标准7F-0008认证
- 在海洋环境中更有长的使用寿命
- 在高速运转和冲击载荷条件下表现出卓越的性能
- 物超所值



### 功能

Renold油田链用于

- 抽泥泵驱动装置
- 复式发动机
- 管状牵引和套管牵引输入装置
- 传动装置
- 猫头轴
- 低卷筒和高卷筒
- 转盘传动轴
- 回转台

实际上不管油田需要什么样的链条，最重要的一点是其可靠性。

### 重要性能

- 严格控制材料规格来确保热处理稳定性。
- Renold链板型确保最佳压力分配以达到更高的可靠性
- 喷丸和其他链板、套筒和滚子的预应力能够提高疲劳寿命
- Renold油田链特殊冲孔流程特别能够提高耐疲劳性的同时最小化对应力腐蚀开裂的易感性

### Renold Oilfield Chain

- Manufactured to API specification 7F-0008
- Proven longer life in offshore environments
- Supreme performance at high speed and shock loads
- Excellent return on investment



### Function

Renold oilfield chains are used on:

- Mud pump drives
- Engine compounds
- Tubular and casing draw works input
- Transmission drives
- Catshafts
- Low and high drum
- Rotary countershafts
- Rotary tables

In fact wherever chains are required in oilfields because reliability is paramount.

### Key Features

- Close control of material specifications to ensure consistent response to heat treatment
- Renold's plate profile ensures optimum stress distribution for greater reliability
- Fatigue life is enhanced by shot peening and other pre-stressing processes on plates, bushes and rollers
- Renold's special holing processes for oilfield chain were specifically developed to give improved fatigue resistance while minimising susceptibility to stress corrosion cracking

- 定制热处理销轴和表面光洁度以确保拥有超强的韧性和磨损寿命
- 严格控制公差确保高速下也能平稳运行
- 特殊工厂配方润滑给予更好的初始耐磨性和增强耐腐蚀性能。
- 可拆式链条易于安装和更换。
- 所有链条在装箱之前都预拉
- 滚销轴选择为了更优安全性。

### 产品描述

Renold标准提供链条：

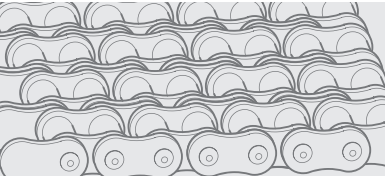
- 获得API标准7F-0008认证
- 根据长度完整拆卸
- 所有尺寸都可以做中分销和滚柱销，四排及以上链条推荐滚柱销
- 带有滑动配合的中链板
- 根据需求可提供的可选配件包括：
- 开口销/滚柱销
- 压力配合中链板
- 特殊润滑
- 用于恶劣工况的Renold ANSI Xtra 链条
- 管钳链

一般油田链存放在我们工厂，也有很多销往世界各地。

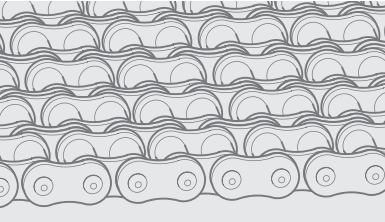
### 链条类型 Chain types



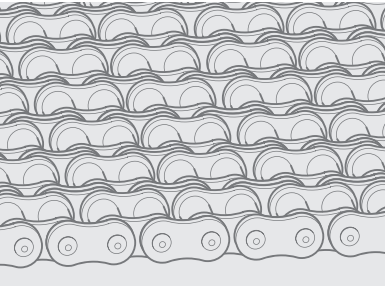
▲ 双排链 - 标准  
Duplex chain – Standard  
ANSI B29.1 ISO 606 A



▲ 四排链 - 标准  
Quadruplex chain – Standard  
ANSI B29.1 ISO 606 A



▲ 六排链 - 标准  
Sextuplex chain – Standard  
ANSI B29.1 ISO 606 A



▲ 八排链 - 标准  
Octuplex chain – Standard  
ANSI B29.1 ISO 606 A



▲ 管钳链 - 特殊  
Pipe wrench chain – Special

- Bearing pins undergo customised heat treatment and surface finish operations to ensure unsurpassed toughness and wear life
- Closely controlled tolerances ensure smooth robust running even at high speeds.
- Specially formulated factory lubrication gives substantially better initial wear performance and enhanced corrosion resistance.
- Detachable chains for ease of fitting and replacement.
- All chains are proof loaded before packing in durable containers.
- Roll pins optional for extra security.

### Product Description

As standard Renold offer chain:

- To API specification 7F-0008
- Fully detachable along its length
- Both Split and roll pin options are available on all sizes, although roll pin recommended on quadruplex and above
- With slip fit intermediate plates
- Options available on request include:
- Split pins/roll pins
- Press fit intermediate plates
- Special lubrication
- Renold ANSI Xtra for particularly arduous conditions
- Pipe wrench chain

Many common oilfield chains are held in stock at our factories and many outlets worldwide.

# 油田链

## Renold Oilfield chain

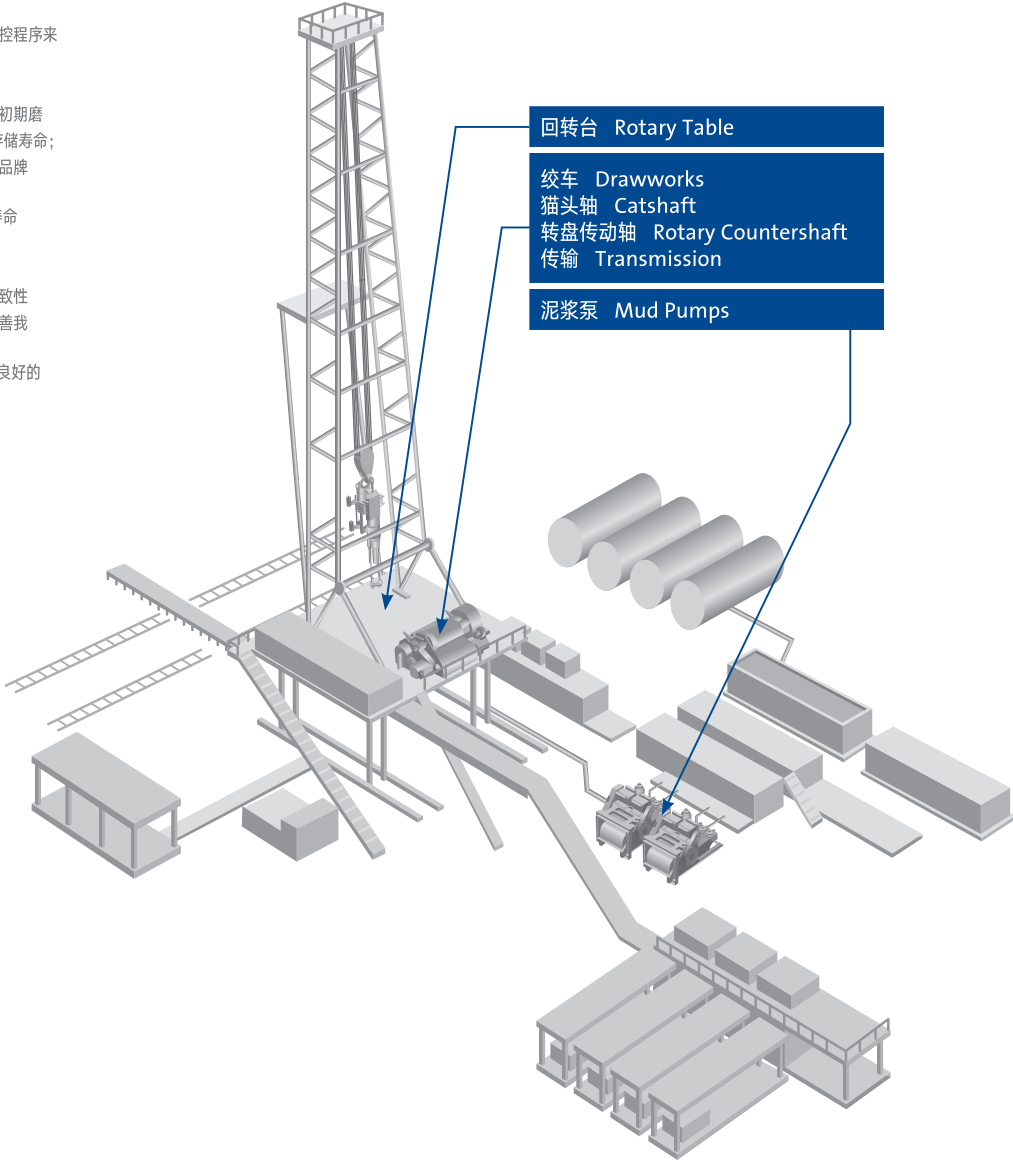


### 最佳性能

- Renold 链条的性能是通过不断实验和质量监控程序来确保；
- 极限破断载荷优于国际标准
- Renold 链条采用特殊配方的润滑油使其减少初期磨损，提供更长久的耐腐蚀性能，确保更长的存储寿命；
- Renold 链条具有高度耐疲劳性可以达到别的品牌的4倍
- 喷丸工艺和其他预拉力技术更加加强了疲劳寿命

### 最佳可靠性

- Renold 链条可靠性关键在于设计和生产的一致性
- Renold 精密的质量保证系统的持续监控和改善我们的产量
- Renold 对于客户要求和不同产业有100多年良好的记录



### Renold ultimate performance

- The performance of our chain is ensured by a programme of continuous testing and quality audits
- Breaking loads exceed the minimum international standards
- Our specially formulated lubricants reduce initial wear, give corrosion protection and ensure long storage life

- Renold chain is highly fatigue resistant giving up to four times the life of other brands
- Fatigue life is enhanced by shot peening and other pre-stressing techniques

### Renold ultimate reliability

- The key to the reliability of Renold chain is consistency in design and manufacture
- Renold's sophisticated quality assurance

- systems continually monitor and improve our output
- For more than 100 years Renold has had a proven track record in demanding, arduous industries



# 钢铁行业链 Steel Industry Chain



无论艰苦条件下,出现腐蚀和磨损…钢铁企业需要Renold链条

Wherever arduous conditions, corrosion and wear occur...  
steelmakers demand Renold Chain

钢铁行业包含了很多作业，从原材料流程到成品的运输，每一个阶段都有对动力传输和所需机械运输设备独有的需要。

当制钢过程的传输或机械运输设备出现腐蚀，打滑或过多磨损时，设备会很快出现恶化，造成产品的损坏，昂贵的维修和更换成本。这就是为什么越来越多的制钢厂依靠Renold链条来帮助他们的设备能够更长久而且更有效地运行。

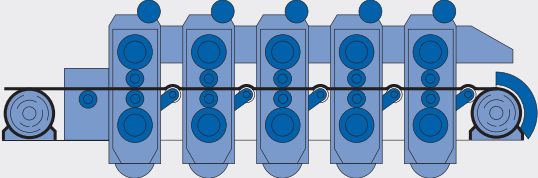
Renold来帮助提高设备性能和降低因停工而维修的需要。不论哪里的高速运行设备，从冷轧钢厂到热浸镀层生产线,全球钢铁制造商坚持使用Renold链条。

The steel industry covers many varied activities, from raw material processing to finished product handling, each stage having its own particular needs from the power transmission and mechanical handling equipment used.

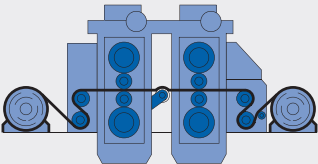
When corrosion, slipping or excessive wear occur on transmission or mechanical handling equipment used on steel processing lines the equipment can quickly take a turn for the worse, resulting in damaged product, expensive maintenance and replacement costs. That's why more and more steelmakers rely on Renold Chain to help their equipment last longer and operate more efficiently.

Renold are helping to improve equipment performance and are reducing maintenance requirements right down the line. Wherever the destructive forces of high speed operation exist, from cold reduction mills to hot dip coating lines, steelmakers around the world insist on Renold Chain.

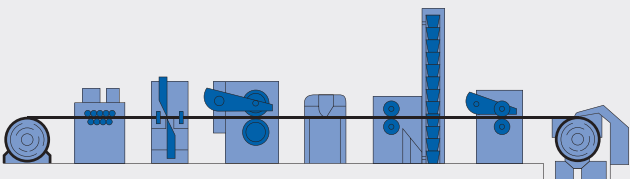
冷轧钢厂  
Cold Reduction Mill



平整机  
Temper Mill



切割线  
Slitter Lane



## 安全注意事项

外链节：对于恶劣工况下的高速传动或传动操作，为保证安全性能，请优先采用107号接头，并正确铆接。其他接头和弯板链节（12号和30号链节）可以在轻型的要求不高的应用中使用，而在奇数节距的传动中是无法避免的。在任何可能的情况下，一定要对传动装置进行充分的全面调整，以确保在链条有效使用寿命的期限内能够使用偶数节距，弯板链接头只可在万不得已的情况下使用。

## 工作时的健康与安全

出于安全考虑，客户需要注意：当购买任何用于工作（或其他用途）的技术性产品时，对于任何仍未公开发布的附加或最新的信息及指导，您可以从当地的销售部门索取关于该产品的适用性及安全正确用法的信息。您一定要将所有相关的信息和指导告知任何使用该产品或可能受其影响的相关负责人员。

## Safety warning

Outer Link: for high speed drives or drives operating in arduous conditions a properly riveted outer link (No 107) must always be used for optimum security, in preference to any other form of chain joint. The use of other connectors and cranked links (No 12 and No 30) must always be restricted to light duty, non-critical applications, in drives where an odd number of pitches is absolutely unavoidable. Wherever possible, drives should have sufficient overall adjustment to ensure the use of an even number of pitches throughout the useful life of the chain. A cranked link joint should only be used as a last resort.

## Health and Safety at work

In the interests of safety, customers are reminded that when purchasing any technical product for use at work (or otherwise), any additional or up-to-date information and guidance, which it has not been possible to include in the publication, should be obtained by you from your local sales office in relation to the suitability and the safe and proper

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## Chain performance

The performance levels and tolerances of our product stated in this catalogue (including without limitation, serviceability, wear life, resistance to fatigue, corrosion protection) have been verified in a programme of testing and quality control in accordance with Renold, independent and/or international standard recommendations.

No representations or warranties are given that our product shall meet the stated performance levels or tolerances for any given application outside the performance levels and tolerances for the product's own specific application and environment.

## Guidance notes

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