



RENOLD
Syno[™]

The 'no more lube' range "免润滑"系列产品

RENOLD

Superior Chain Technology

www.renold.com

Renold Syno™ Chain

Three solutions, one aim. **No more lube!**
三种解决方案，同一个目标。免润滑！

If it's an easy life you want, if lubrication causes you problems, then Renold has the answer! The Renold Syno range sets a new benchmark for chain performance with little or no lubrication. Covering both small and large pitch sizes, Renold has tailored its technology to suit your requirements with a range of three different products under the Renold Syno name.

如果您想要的是轻松的生活，如果润滑给您带来烦恼，那么Renold可以给您答案！凭借低润滑或免润滑的特点，Renold Syno系列产品为链条的性能开拓出一个全新的领域。该系列产品包括小节距与大节距等多种规格，Renold能够根据您的需求采用不同的技术，从而为您提供各种不同的Renold Syno品牌产品。



◀ Nickel-plated
镀镍链

Nickel-plated 镀镍链

For use in hygiene-sensitive applications or situations where contamination from lubricant is to be avoided, Renold Syno Nickel Plated chain displays all the characteristics you need from a chain. With a food industry-approved lubricant within the sintered bush, this chain will in almost all instances not need relubricating. The roller coating is also suitable for use in the food industry; a unique feature on any chain.

对于卫生敏感性应用条件或者在要求避免受到润滑剂污染的情况下，Renold Syno镀镍链能够提供您所需要的全部链条特性。由于在烧结套筒内使用了得到食品加工行业许可的润滑剂，因此这种链条几乎在任何情况下都不需要再润滑。链条滚柱的涂层也得到了食品加工行业的许可——这是滚子链所具有的独特特性。

Renold可以提供盒装的10-英尺长（从06B到24B，ANSI 40到ANSI 100）、配有标准直径销轴的单排链和双排链，这意味着：标准滚子链能够与同等的Renold Syno镀镍链互换使用，它们甚至还能够与标准链轮兼容。由于Syno镀镍链具有和其它Renold链条相同的卓越耐磨损性和抗疲劳性，因此它比宣称“低润滑”或“免润滑”的任何其它竞争性产品更耐用。该系列链条已经得到了食品行业及其它行业中大型企业的试用和检测；如果您要求链条必须在最低程度的润滑条件下工作、但是又不能以链条的性能降低为代价，那么我们能够提高您的生产力、缩短停工时间、为您节约时间和金钱。

- **No lubrication normally required** 无需再润滑
- **Outside of chain totally dry-to-the-touch** 链条的外表面具有完全干燥的手触感
- **Nickel-plated plates** 镀镍链
- **Food industry-approved lubricant within the sintered bush** 在烧结套筒中应用得到食品加工行业许可的润滑剂
- **Unique food industry-approved roller coating** 唯一得到食品加工行业许可的滚柱涂层
- **Dimensionally interchangeable with standard chain** 每种规格都能与相对应的标准链条互换使用
- **ISO standard pin diameter, therefore standard attachments on outer links** 采用ISO标准销轴直径，因此在外链节上可以应用标准附件



◀ Syno PC chain

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.

Renold现已增加一款新的Syno链条，针对润滑困难或者无法实现的应用领域。最新元素是引进了聚合钢链条，Renold Syno PC链条，包括一个聚合物内链节和不锈钢销轴和外链板。

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.

没有金属套筒或滚子，就无需润滑来促进金属和金属之间的移动。这就会打开一个甚至可以浸泡在水里的应用领域。这种结构也代表链条是防腐的，重量轻而且通用。如有需要可以加附件

- **No lubrication required** 无需润滑
- **Can operate in wet conditions, even submerged** 可以在湿润的环境下运行，甚至浸泡在水里
- **Lightweight construction** 重量轻
- **Attachments can be added** 可以加附件

◀ Polymer Bush
聚合物套筒链

Polymer Bush 聚合物套筒链

For 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.

This highly durable and wear resistant polymer – specifically developed for Renold – removes metal-on-metal wear in this key area of the chain. Available in 28B – 40B and ANSI 120 to 200 and ideal for applications where it is not possible or not advisable to lubricate a chain, Renold Syno Polymer Bush chain can be considered for:

在较高载荷及重载型应用条件下，只要在销轴和套筒之间增加一个聚合物衬套，Renold Syno系列链条就可以达到更高的耐磨损性及抗疲劳性。这种具有较高的耐久性和耐磨属性的聚合物是专门为Renold开发的；此外，聚合物滚柱也通过了抗冲击性及承载性的检测，这些都意味着：这种链条可以在无润滑的状态下工作。可供选择的规格为28B到40B及ANSI120到200，它们最适用于不可能或者不建议润滑链条的情形；Renold Syno聚合物套筒链适用于：

- Outdoor or wash down environments 露天或需要冲洗的应用环境
- Car assembly plants or steel mills 汽车装配厂或轧钢厂
- Environments where lubrication may contaminate products 润滑可能会污染产品的应用环境
- Forestry, saw mills or paper mills 林业、制材或造纸厂
- Environments where lubrication may cause contaminants to stick to the chain and possibly get into bearing areas, seizing up the chain 润滑可能会使污染物质粘附在链条上、而且可能进入轴承部位由此使链条受阻的应用环境
- Textile plants 纺织厂
- Mixers 搅拌机

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。

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.

- **Sizes from 28B to 40B and from ANSI 120 to 200** 规格包括28B到40B及ANSI120到200
- **Revolutionary polymer bush** 具有重大变革意义的聚合物套筒
- **Superior corrosion resistance surface treatment** 先进的耐腐蚀性表面处理
- **Ideal for outdoor environments** 最适用于户外环境
- **Attachments available** 可以提供附件
- **Polymer roller available on request** 可以提供聚合物滚子

Renold Syno

Ideal for all these applications
适用于所有此类应用



Food 食品

For food processing environments, cleanliness is critical; the Renold Syno range is ideal for this. Think of the ways your application could benefit. 对于食品加工的环境而言，清洁是至关重要的；Renold Syno系列链条是这种应用的最理想选择。想一想在您的应用过程中能够得到哪些好处。

Bottling 装瓶

Chain used in bottling applications benefits from corrosion resistance and lubrication considerations are key. 在装瓶应用中耐腐蚀性与润滑剂的应用都是最重要的因素。

Packaging 包装

Packaging must be transported without contamination, think “Syno” and your problems are solved.

包装在运输过程中绝对不能受到污染；只要您想到了“Syno”，那么您的问题就迎刃而解了。

Paper 纸张

The printing industry goes to great lengths to ensure their output is protected from grease and dirt. Choose Renold Syno for a clean environment.

印刷行业必须竭尽全力确保他们的产品不会沾上油脂和污物。选择Renold Syno就可以为您营造一个清洁的环境。

Textile 纺织品

No stain removal required when you specify Renold Syno chain for use in textile manufacturing environments.

如果您为纺织品制造环境指定了Renold Syno链条，那您就根本不需要祛除污渍

Sawmills 锯木厂

Heavy loads, dirt and grime are all to be expected in sawmills. Lubrication will attract this kind of debris causing a dramatically shortened working life. Syno Polymer Bush chain shows other chains the way!

在锯木厂中经常会存在重载荷、污物与尘垢。润滑会吸附这些碎屑，由此导致链条的使用寿命大大缩短。Syno聚合物套筒链为其它种类的链条找到了解决方法！

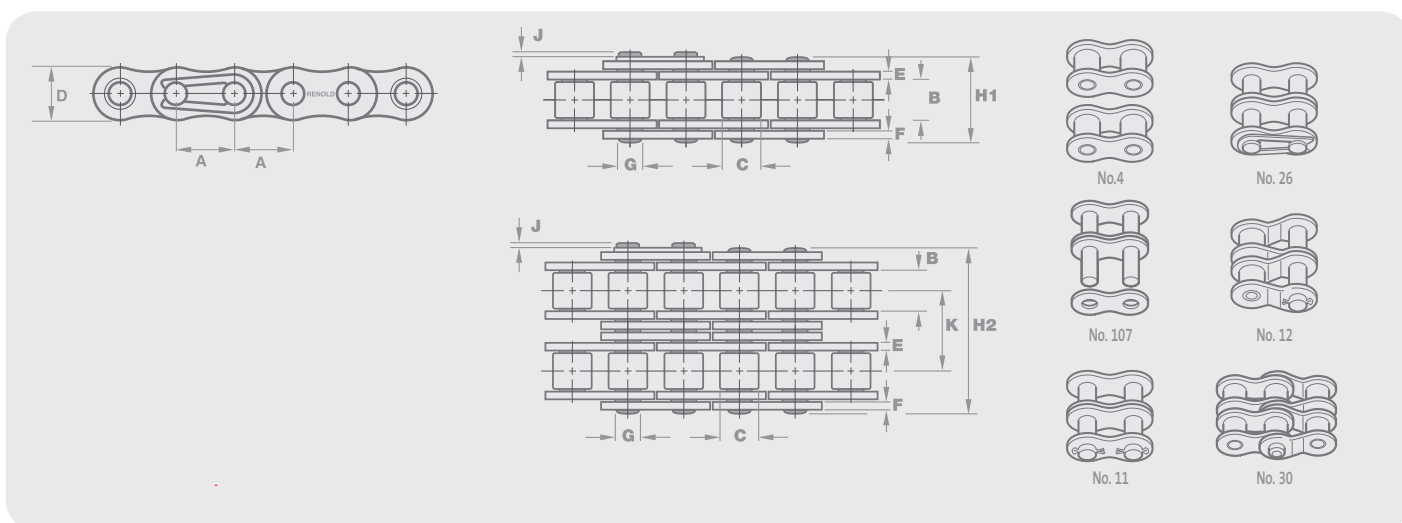
Car assembly 汽车装配

Car assembly lines are an example of the need for no lubricant contamination to vehicle panels or interiors. Syno Polymer Bush chain is lubricant-free and can take the strain without the squeaking noise made by other chain brands.

以汽车装配线为例，这种应用要求车辆的板件或内部不能受到润滑剂的污染。Syno聚合物套筒链是无需润滑型的，它可以承受工作压力，而且不会像其它品牌的链条那样产生噪声。

Renold Syno® Nickel Plated 镀镍链

European (BS) Standard / ISO 606 / ANSI Standard
欧洲(BS)标准/ISO 606/ANSI标准



Chain Ref. 链条编号		Technical Details (mm) 详细技术数据 (毫米)													Connecting Links 连接链节					
Renold Chain No. Renold 链条编号	ISO Ref. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)	Inside Width 最小内节内宽 MIN	Roller Diam. 最大滚子直径 MAX	Plate Height 最大链板厚度 MAX	Plate Width Inner 内链板最大厚度 MAX	Plate Width Outer 外链板最大厚度 MAX	Pin Diam. 最大销轴直径 MAX	Pin Length 最大销轴长度 MAX	Conn. Link Extension 连接链节最大加长长度 MAX	Transverse Pitch 标称排距 NOM	ISO606 Tensile Strength 最小抗拉强度 MIN	Weight 重量 千克/米 kg/m	No. 4	No. 107	No. 11	No. 26	No. 12	No. 30

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

		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	✓	✓	-	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	-	✓	✓	✓

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

		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	✓	✓	-	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	-	✓	✓	✓

ANSI Standard - Simplex ANSI 标准 - 单排

		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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	-	✓	✓	✓

ANSI Standard - Duplex ANSI 标准 - 双排

		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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓
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	✓	✓	✓	✓	-	✓	✓

Renold Chain products that are dimensionally in line with the ISO standard far exceed the stated ISO minimum tensile strength requirements. However Renold does not consider breaking load to be a key indicator of performance because it ignores the principal factors of wear and fatigue. In these areas, Renold products are designed to produce the best possible results and independent testing proves this. In this catalogue, where the ISO breaking load is quoted, it should be noted that we are stating that the Renold product conforms to the ISO minimum standard. Independent test results show that the minimum (many companies quote averages) breaking loads are far in excess of the ISO minimum. Where the quoted breaking load is not described as being the ISO minimum, the product has no relevant ISO standard. In this case, the breaking loads quoted are the minimum guaranteed. Triplex versions are available on request.

Renold链条产品在尺寸上符合ISO标准的规定，它远远超出ISO所规定的最小抗拉强度的要求。但是，由于断裂载荷并未考虑到磨损和疲劳这两个重要的因素，所以，Renold不认为断裂载荷就是性能的一个重要指标。在这些方面，Renold产品的设计使其能够得到最好的结果，独立试验已经证明了这一点。在本产品目录中，在引用ISO断裂载荷的时候，应该注意：我们只是声明Renold产品符合ISO的最低标准要求。独立试验的结果表明：最小（许多公司会引用平均值）断裂载荷远远超过ISO规定的最小值。如果被引用的断裂载荷并未被说明为ISO最低标准，则产品还没有相关的ISO标准。在这种情形下，被引用的断裂载荷都是能够确保的最小值。如果有要求，Renold还可以提供三排链。

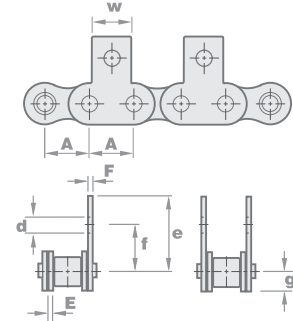
Renold Syno

Nickel Plated (BS) Attachments

镀镍链(BS)附件

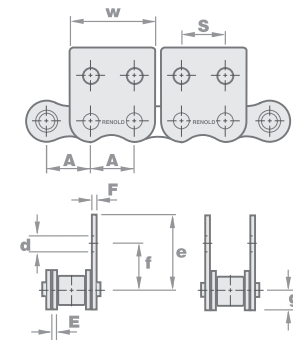
BS Standard M1 attachments (outer plates only) BS标准M1附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)								
ISO No. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)			(max) (最大)				
	A	A	E	F	d	e	f	g	w
06B-1	0.375	9.525	1.290	1.040	3.500	14.500	10.100	4.000	8.000
08B-1	0.500	12.700	1.810	1.550	4.500	20.800	13.000	5.800	11.000
10B-1	0.625	15.875	2.040	1.550	5.500	24.900	16.500	6.800	14.000
12B-1	0.750	19.050	2.420	1.810	6.800	28.200	21.000	8.100	18.000
16B-1	1.000	25.400	3.760	3.060	6.800	39.700	23.000	10.000	24.000



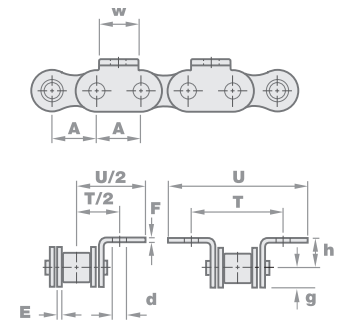
BS Standard M2 attachments (outer plates only) BS标准M2附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)									
ISO No. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)			(max) (最大)					
	A	A	E	F	S	d	e	f	g	w
06B-1	0.375	9.525	1.290	1.040	9.500	3.500	14.500	10.100	4.000	17.600
08B-1	0.500	12.700	1.810	1.550	12.700	4.500	20.800	13.000	5.800	24.400
10B-1	0.625	15.875	2.040	1.550	15.800	5.500	24.900	16.500	6.800	29.900
12B-1	0.750	19.050	2.420	1.810	19.000	6.800	28.200	21.000	8.100	35.400
16B-1	1.000	25.400	3.760	3.060	25.400	6.800	39.700	23.000	10.000	46.200



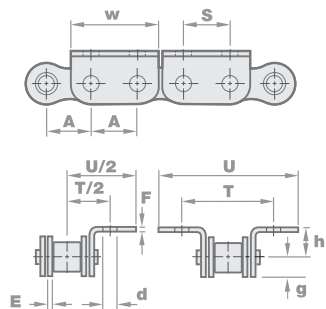
BS Standard K1 attachments (outer plates only) BS标准K1附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)									
ISO No. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)				(max) (最大)	(max) (最大)			
	A	A	E	F	T	U	d	g	h	w
06B-1	0.375	9.525	1.290	1.040	19.600	28.600	3.500	4.000	6.700	8.000
08B-1	0.500	12.700	1.810	1.550	25.900	42.000	4.500	5.800	8.900	11.000
10B-1	0.625	15.875	2.040	1.550	32.700	49.900	5.500	6.800	10.300	14.000
12B-1	0.750	19.050	2.420	1.810	39.800	54.400	6.800	8.100	13.500	18.000
16B-1	1.000	25.400	3.760	3.060	50.800	85.600	6.800	10.000	15.900	24.000



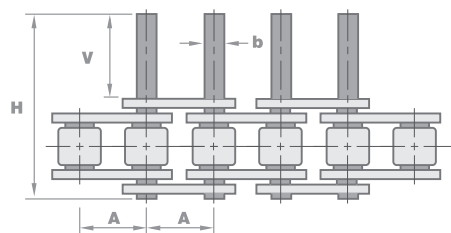
BS Standard K2 attachments (outer plates only) BS标准K2附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)										
ISO No. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)				(max) (最大)	(max) (最大)				
	A	A	E	F	S	T	U	d	g	h	w
06B-1	0.375	9.525	1.290	1.040	9.500	19.600	28.600	3.500	4.000	6.700	17.600
08B-1	0.500	12.700	1.810	1.550	12.700	25.900	42.000	4.500	5.800	8.900	24.400
10B-1	0.625	15.875	2.040	1.550	15.800	32.700	49.900	5.500	6.800	10.300	29.900
12B-1	0.750	19.050	2.420	1.810	19.000	39.800	54.400	6.800	8.100	13.500	35.400
16B-1	1.000	25.400	3.760	3.060	25.400	50.800	85.600	6.800	10.000	15.900	46.200



BS Standard Extended Bearing Pins - Type D BS标准加长销轴—D型

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)				
ISO No. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)	Pin Diameter 销轴直径	Extension Length Max. 最大加长长度	Pin Length Max. 销轴的最大长度
	A	A	B	V	H
06B-1	0.375	9.525	3.280	11.300	23.000
08B-1	0.500	12.700	4.450	14.800	30.900
10B-1	0.625	15.875	5.080	17.600	36.200
12B-1	0.750	19.050	5.720	20.700	43.100
16B-1	1.000	25.400	8.270	33.300	66.800



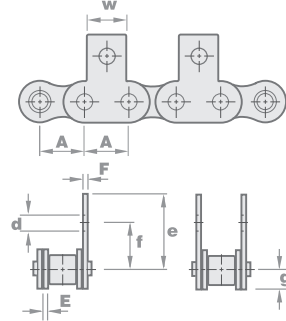
Renold Syno

Nickel Plated (ANSI) Attachments

镀镍链(ANSI)附件

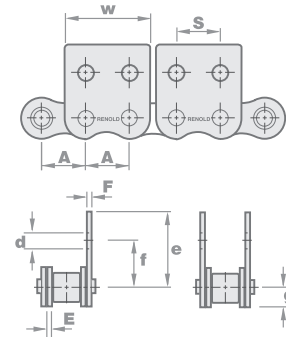
ANSI Standard M1 attachments (outer plates only) ANSI标准M1附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)								
ANSI No. ANSI 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)			(max) (最大)				
	A	A	E	F	d	e	f	g	w
40	0.500	12.700	1.810	1.550	3.500	17.500	12.700	5.500	9.500
50	0.625	15.875	2.420	2.040	5.500	24.600	15.900	7.150	12.700
60	0.750	19.050	3.230	2.450	5.500	26.000	18.300	8.600	15.900
80	1.000	25.400	4.060	3.060	6.800	39.700	24.600	10.250	24.000



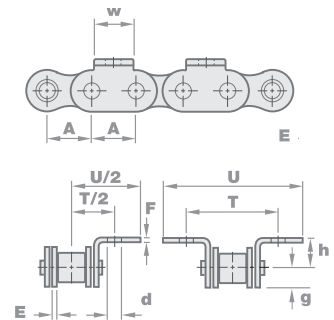
ANSI Standard M2 attachments (outer plates only) ANSI标准M2附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)									
ANSI No. ANSI 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)				(max) (最大)				
	A	A	E	F	S	d	e	f	g	w
40	0.500	12.700	1.810	1.550	12.700	3.500	17.500	12.700	5.500	24.000
50	0.625	15.875	2.420	2.040	15.800	5.500	24.600	15.900	7.150	29.900
60	0.750	19.050	3.230	2.450	19.000	5.500	27.700	18.300	8.600	35.600
80	1.000	25.400	4.060	3.060	25.400	6.800	39.700	24.600	10.250	46.200



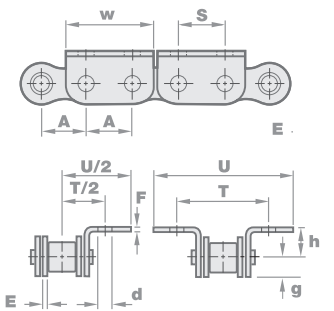
Renold Standard K1 attachments (outer plates only) Renold标准K1附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)									
ANSI No. ANSI 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)				(max) (最大)	(max) (最大)			
	A	A	E	F	T	U	d	g	h	w
40	0.500	12.700	1.810	1.550	26.000	36.400	3.500	5.500	7.900	9.500
50	0.625	15.875	2.420	2.040	32.800	50.800	5.500	7.150	10.300	12.700
60	0.750	19.050	3.230	2.450	39.800	59.700	5.500	8.600	11.900	15.900
80	1.000	25.400	4.060	3.060	52.500	84.300	6.800	10.250	15.900	24.000



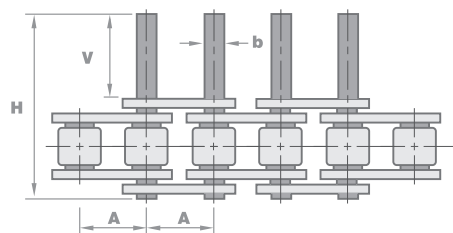
Renold Standard K2 attachments (outer plates only) Renold标准K2附件 (仅适用于外链板)

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)									
ANSI No. ANSI 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)				(max) (最大)	(max) (最大)			
	A	A	E	F	S	T	U	d	g	h
40	0.500	12.700	1.810	1.550	12.700	26.000	36.400	3.500	5.500	7.900
50	0.625	15.875	2.420	2.040	15.800	32.800	50.800	5.500	7.150	10.300
60	0.750	19.050	3.230	2.450	19.000	39.800	59.700	5.500	8.600	11.900
80	1.000	25.400	4.060	3.060	25.400	52.500	84.300	6.800	10.250	15.900



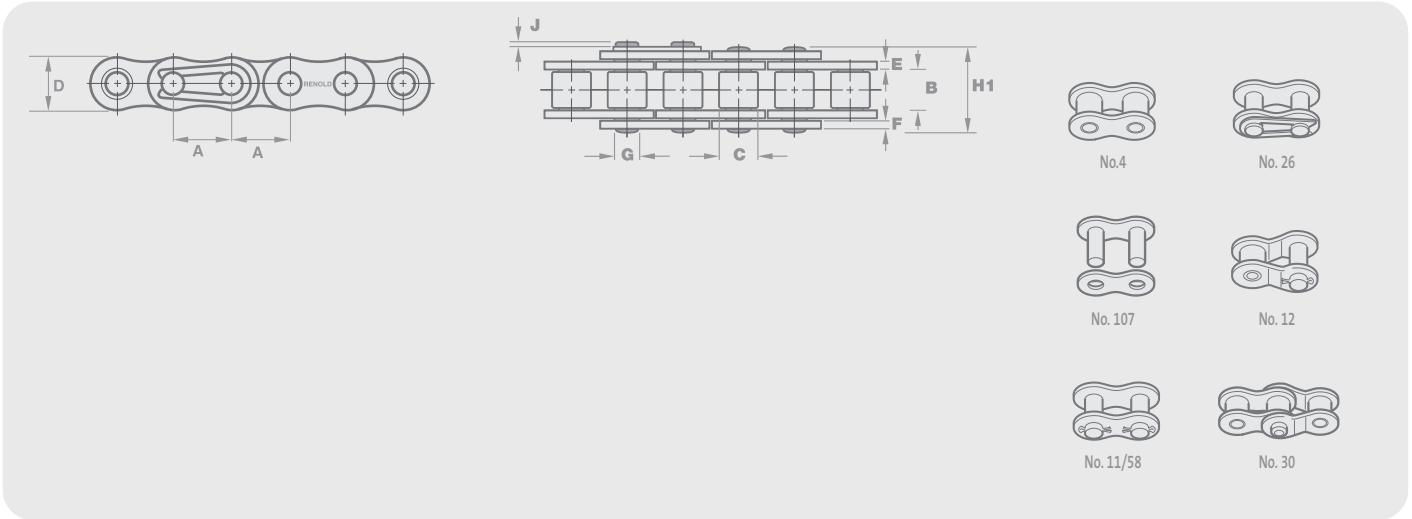
Renold Standard Extended Bearing Pins - Type D Renold标准加长销轴—D型

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)				
ANSI No. ANSI 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)	Pin Diameter 销轴直径	Extension Length Max. 最大加长长度	Pin Length Max. 销轴的最大长度
	A	A	B	V	H
40	0.500	12.700	3.970	15.200	31.300
50	0.625	15.875	5.080	19.000	39.200
60	0.750	19.050	5.950	24.000	49.800
80	1.000	25.400	7.920	30.800	63.000



Renold Syno® PC

European (BS) Standard / ISO 606 / ANSI Standard
 欧洲(BS)标准/ISO 606/ANSI标准



Chain Ref. 链条编号		Technical Details (mm) 详细技术数据 (毫米)													Connecting Links 连接链节					
Renold Chain No. Renold 链条编号	ISO Ref. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)	Inside Width 最小内节内宽 MIN	Roller Diam. 最大滚子直径 MAX	Plate Height 最大链板高度 MAX	Plate Width Inner 内链板最大厚度 MAX	Plate Width Outer 外链板最大厚度 MAX	Pin Diam. 最大销轴直径 MAX	Pin Length 最大销轴长度 MAX	Conn. Link Extension 连接链节最大加长长度 MAX	Transverse Pitch 标称排距 NOM	ISO606 Tensile Strength 最小(Newtons) 抗拉强度 MIN	Weight 重量 千克/米 kg/m	No. 4	No. 107	No. 11	No. 26	No. 12	No. 30

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

		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	✓	✓	-	✓	✓	-	-
1215360	08B-1	0.500	12.700	7.75	8.51	11.50	1.80	1.55	4.45	16.5	-	-	1600	0.38	✓	✓	✓	✓	-	-	

ANSI sizes available on request ANSI尺寸也可以按要求生产

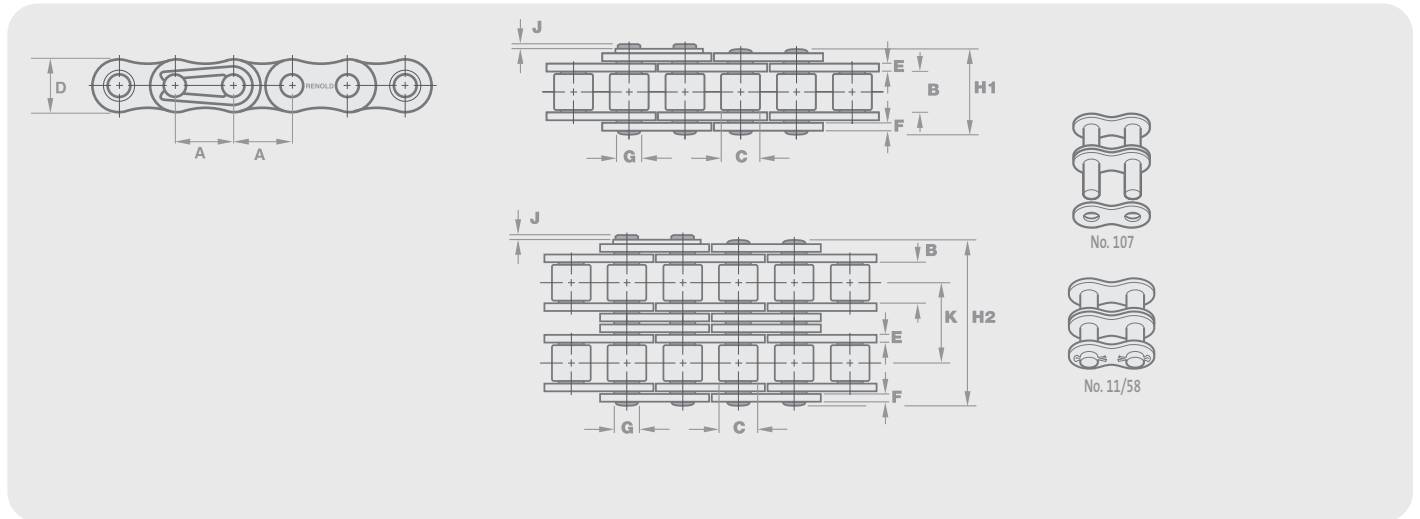
Renold Chain products that are dimensionally in line with the ISO standard far exceed the stated ISO minimum tensile strength requirements. However Renold does not consider breaking load to be a key indicator of performance because it ignores the principal factors of wear and fatigue. In these areas, Renold products are designed to produce the best possible results and independent testing proves this. In this catalogue, where the ISO breaking load is quoted, it should be noted that we are stating that the Renold product conforms to the ISO minimum standard. Independent test results show that the minimum (many companies quote averages) breaking loads are far in excess of the ISO minimum. Where the quoted breaking load is not described as being the ISO minimum, the product has no relevant ISO standard. In this case, the breaking loads quoted are the minimum guaranteed. Triplex versions are available on request.

Renold链条产品在尺寸上符合ISO标准的规定，它远远超出ISO所规定的最小抗拉强度的要求。但是，由于断裂载荷并未考虑到磨损和疲劳这两个重要的因素，所以，Renold不认为断裂载荷就是性能的一个重要指标。在这些方面，Renold产品的设计使其能够得到最好的结果，独立试验已经证明了这一点。在产品目录中，在引用ISO断裂载荷的时候，应该注意：我们只是声明Renold产品符合ISO的最低标准要求。独立试验的结果表明：最小（许多公司会引用平均值）断裂载荷远远超过ISO规定的最小值。如果被引用的断裂载荷并未被说明为ISO最低标准，则产品还没有相关的ISO标准。在这种情形下，被引用的断裂载荷都是能够确保的最小值。如果有要求，Renold还可以提供三排链。

Renold Syno® Polymer Bush 聚合物套筒链

European (BS) Standard / ISO 606 / ANSI Standard

欧洲(BS)标准/ISO 606/ANSI标准



Chain Ref. 链条编号		Technical Details (mm) 详细技术数据 (毫米)													Conn. Links		
Renold Chain No. Renold 链条编号	ISO Ref. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)	Inside Width 最小内节内宽 MIN	Roller Diam. 最大滚子直径 MAX	Plate Height 最大链板厚度 MAX	Plate Width Inner 内链板最大厚度 MAX	Plate Width Outer 外链板最大厚度 MAX	Pin Diam. 最大销轴直径 MAX	Pin Length 最大销轴长度 MAX	Conn. Link Extension 连接链节最大加长长度 MAX	Transverse Pitch 标称排距 NOM	ISO606 Tensile Strength 最小(Newtons) 抗拉强度 MIN	Weight 重量 千克/米 kg/m	No. 107	No. 11	No. 58

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

		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	✓	✓	-
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	✓	✓	-
40B1SP	40B-1	2.25	63.50	39.30	39.37	52.96	8.13	8.13	19.85	78.2	9.5	-	355000	14.3	✓	✓	-

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

		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	✓	✓	-
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	✓	✓	-
40B2SP	40B-2	2.25	63.50	39.30	39.37	52.96	8.13	8.13	19.85	150.5	9.5	72.29	694000	27.1	✓	✓	-

ANSI Standard - Simplex ANSI 标准 - 单排

		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	✓	✓	✓
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	✓	✓	✓
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	✓	✓	✓
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	✓	✓	✓

ANSI Standard - Duplex ANSI 标准 - 双排

		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	✓	✓	✓
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	✓	✓	✓
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	✓	✓	✓
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	✓	✓	✓

Renold Chain products that are dimensionally in line with the ISO standard far exceed the stated ISO minimum tensile strength requirements. However Renold does not consider breaking load to be a key indicator of performance because it ignores the principal factors of wear and fatigue. In these areas, Renold products are designed to produce the best possible results and independent testing proves this. In this catalogue, where the ISO breaking load is quoted, it should be noted that we are stating that the Renold product conforms to the ISO minimum standard. Independent test results show that the minimum (many companies quote averages) breaking loads are far in excess of the ISO minimum. Where the quoted breaking load is not described as being the ISO minimum, the product has no relevant ISO standard. In this case, the breaking loads quoted are the minimum guaranteed.

Renold链条产品在尺寸上符合ISO标准的规定，它远远超出ISO所规定的最小抗拉强度的要求。但是，由于断裂载荷并未考虑到磨损和疲劳这两个重要的因素，所以，Renold不认为断裂载荷就是性能的一个重要指标。在这些方面，Renold产品的设计使其能够得到最好的结果，独立试验已经证明了这一点。在本产品目录中，在引用ISO断裂载荷的时候，应该注意：我们只是声明Renold产品符合ISO的最低标准要求。独立试验的结果表明：最小（许多公司会引用平均值）断裂载荷远远超过ISO规定的最小值。如果被引用的断裂载荷并未被说明为ISO最低标准，则产品还没有相关的ISO标准。在这种情况下，被引用的断裂载荷都是能够确保的最小值。如果有要求，Renold还可以提供三排链。

Renold Syno

Double Pitch Chain

双节距链条

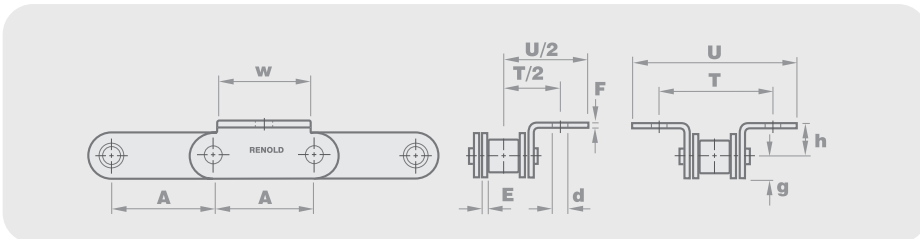
Chain Ref. 链条编号		Technical Details (mm) 详细技术数据 (毫米)												Connecting Links 连接链节						
Renold Chain No. Renold 链条编号	ISO Ref. ISO 编号	Pitch (inch) 节距 (英寸)	Pitch (mm) 节距 (毫米)	Inside Width 最小内节内宽 MIN	Roller Diam. 最大滚子直径 MAX	Plate Height 最大链板高度 MAX	Plate Width Inner 内链板最大厚度 MAX	Plate Width Outer 外链板最大厚度 MAX	Pin Diam. 最大销轴直径 MAX	Pin Length 最大销轴长度 MAX	Conn. Link Extension 连接链节最大加长长度 MAX	Transverse Pitch 标称排距 NOM	ISO606 Tensile Strength 最小 (Newtons) 抗拉强度 MIN	Weight 重量 千克/米 kg/m	No. 4	No. 107	No. 11	No. 26	No. 12	No. 30

Double Pitch Chain - Simplex 双节距链条 - 单排

		A	A	B	C	D	E	F	G	H1	J	K									
C2040SN	C2040	1.000	25.400	7.850	7.920	11.800	1.550	1.550	3.970	16.400	1.900	-	14100	0.490	3	3	3	3	3	3	3
C2050SN	C2050	1.250	31.750	9.400	10.160	15.000	2.040	2.040	5.080	20.400	2.500	-	22200	0.840	3	3	3	3	3	3	3
C2060SN	C2060	1.500	38.100	12.570	11.910	17.800	3.230	3.230	5.950	28.600	2.500	-	31800	1.500	3	3	3	3	3	3	3
C2080SN	C2080	2.000	50.800	15.750	15.880	22.600	4.050	4.050	7.930	35.800	3.100	-	56700	2.400	3	3	3	-	3	3	3

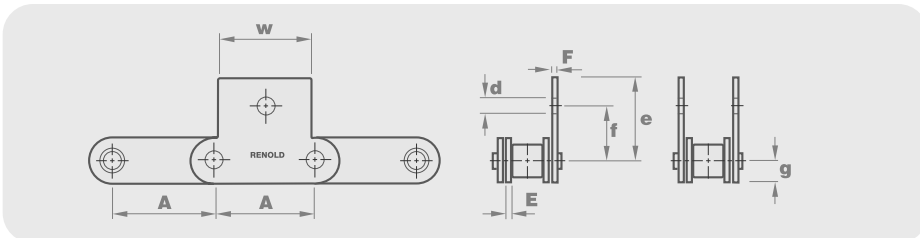
Renold Syno

ANSI Attachments ANSI附件



ANSI Double Pitch K1 attachments ANSI 双节距K1附件

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)										
		A	A	E	F	T	U	d	g	h	w
113040	C2040	1.000	25.400	1.550	1.550	25.400	40.600	3.500	5.750	9.100	23.800
113050	C2050	1.250	31.750	2.040	2.040	31.800	48.900	5.500	7.400	11.100	25.400
113560	C2060	1.500	38.100	3.230	3.230	42.800	61.600	5.500	8.800	14.700	28.600
113480	C2080	2.000	50.800	4.050	4.050	55.600	80.000	6.800	10.300	19.100	40.000



ANSI Double Pitch M1 attachments ANSI 双节距M1附件

Chain Ref.	Technical Details (mm) 详细技术数据 (毫米)										
		A	A	E	F	d	e	f	g	w	
113040	C2040	1.000	25.400	1.550	1.550	3.500	20.900	11.100	5.750	23.800	
113050	C2050	1.250	31.750	2.040	2.040	5.500	24.900	14.300	7.400	25.400	
113560	C2060	1.500	38.100	3.230	3.230	5.500	30.200	19.000	8.800	28.600	
113480	C2080	2.000	50.800	4.050	4.050	6.800	40.000	22.200	10.300	40.000	



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