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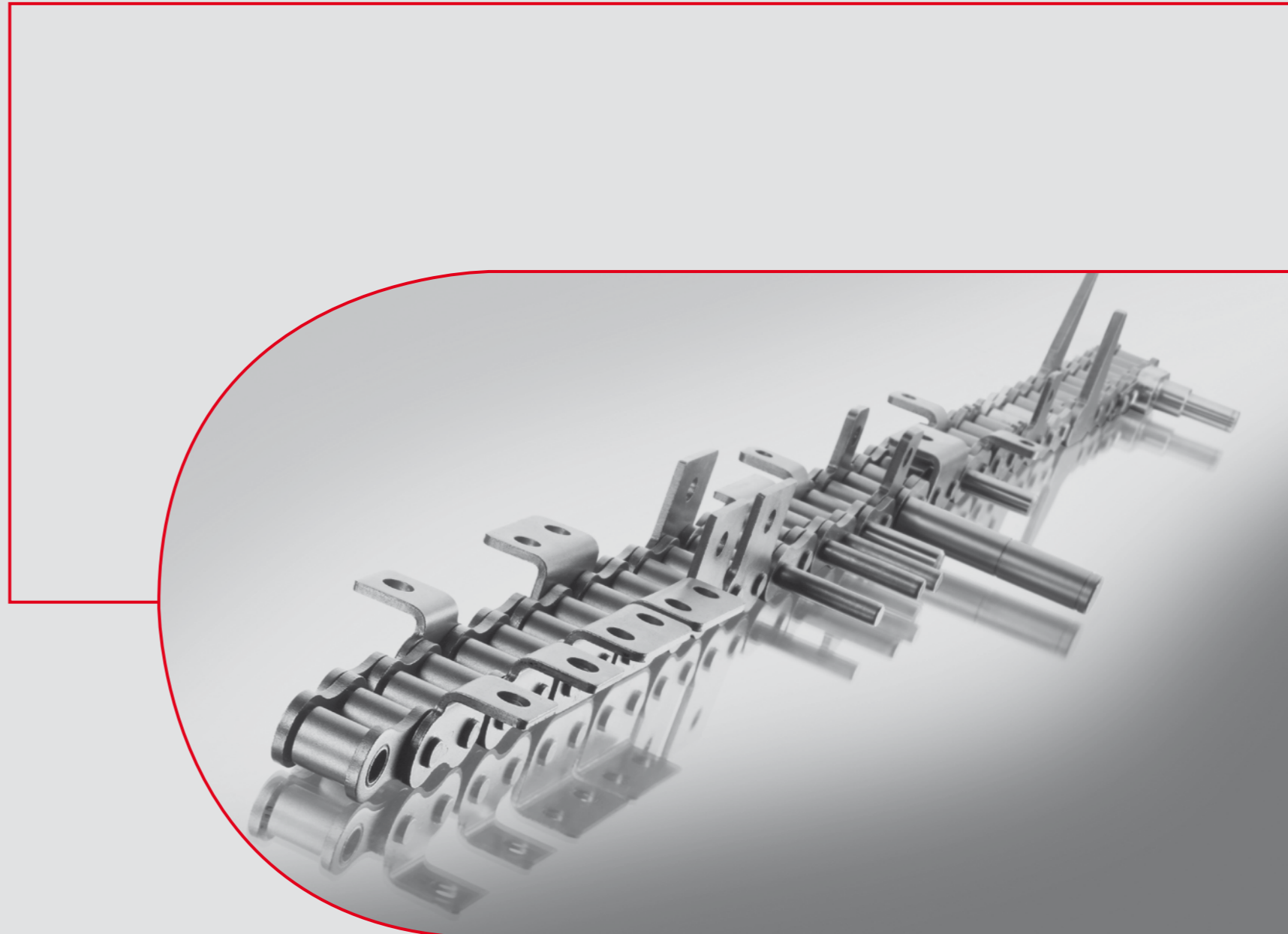
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Experience the Variety of Applications

**Roller Chains
with Attachments**

- Standard Attachments
- Special Attachments for Individual Challenges



Rexnord Quality Chains - Experience the variety of applications

Rexnord has been manufacturing chains in many different designs since 1892. The experience gained in many decades, as well as continuous research, ensure the development of products of advanced design with a high degree of dependability. A large number of patents confirm the extraordinary innovative spirit that has become an essential part of this company. Rexnord's quality chains are now being applied to many different uses, serve various functions and meet versatile needs. The use of more than a thousand self-developed tools in the manufacturing process satisfies this variety of possible applications. More than 650 special tools have been constructed for producing special chains. Thirty special steels, which are alloyed, rust-resistant and patented, are processed. Furthermore, Rexnord offers a multitude of high quality lubricants. The engineers offering technical application advice take into consideration the interests of individual clients when calculating and identifying the correct chain drives, and therefore provide the highest level of service. These basic requirements guarantee the optimal fulfillment of all customer demands with the highest grade of service and the highest-quality products.



Thinking and acting like partners



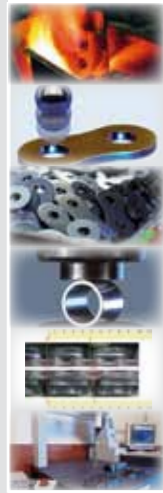
Consulting service, the ability to work as partners and the experience of our sales team help to drive a high level of customer satisfaction. The technical Rexnord application consulting service listens attentively to customers and does analysis immediately in order to develop a practical solution. Rexnord observes the field of drives and conveying worldwide and by doing so, acquires extensive, on-going market knowledge and technological competence. This knowledge of course not only ensures competitiveness, but it also brings about substantial benefits for customers.

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Rexnord - Precision. Power. Performance.

Quality – Prerequisite for Maximum Operational Safety



Rexnord Kette is DIN ISO 14001 and 9001 certified because of its quality management system. Roller chains belong to the group of products that are governed by DIN standards.

The quality of a chain is not determined by the tensile strength factor, but by the amount of fatigue and wear resistance. As a result, despite standardization, roller chains with the same tensile strength from different producers will not always be the same in quality.

The chains that Rexnord has developed and used in the production process make possible an optimal combination of defined quality factors. The hardening of the chain elements, which are made from selected high performance steel, contributes fundamentally to the extension of the life time of the chain. Ball-drifting of the plate bores and intensive shot peening of all chain elements, as well as the utilization of seamless rollers, results in a significant improvement in fatigue strength. High pre-loading of the chains and a secure production process, which is ensured by receiving inspection, final inspection and regular tests throughout production, help contribute to a maximal reliability of the chain.

Rexnord – Quality Criteria

Tensile Strength

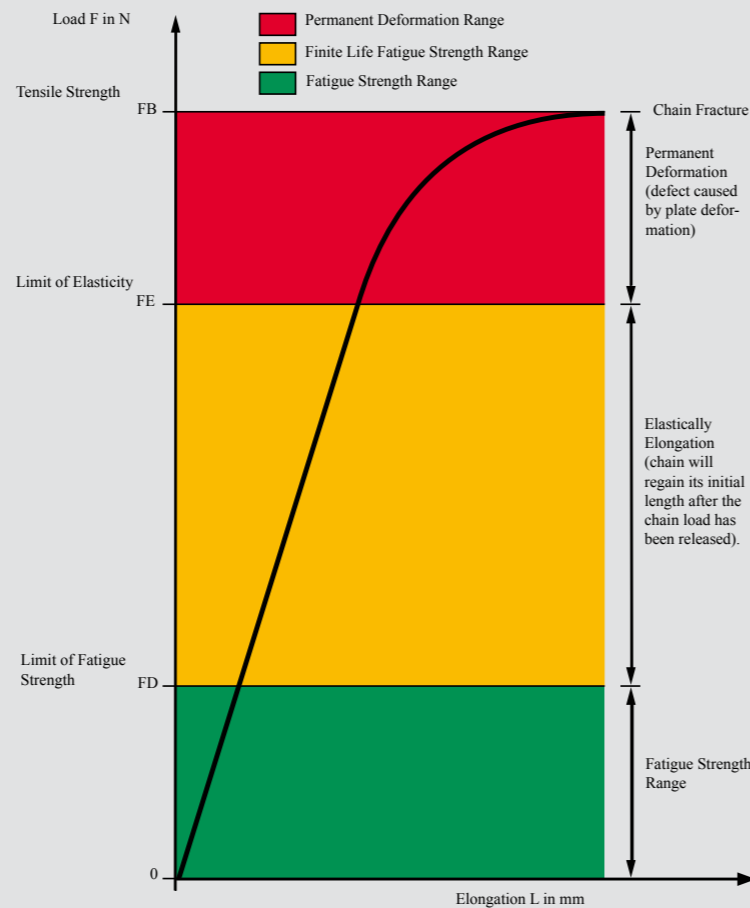
The stated level of ultimate tensile strength is of little significance, because just before reaching the breaking point – above the limit of elasticity – the chain will become permanently deformed, rendering it unusable.

Limit of Elasticity

The limit of elasticity sets the upper limit under which there is no permanent plastic deformation which would render the chain unusable. Below this limit, loads and operational shocks cause elongation which only lasts as long as the loading effect.

Fatigue Strength

The fatigue strength boundary is defined as the value of the repeated operational and pulsating loads, imposed by the sprocket polygon effect or changing loads, that the chain can withstand without suffering failure from metal fatigue. In order to achieve high fatigue strength, other than through production engineering and the supply of quality material, tensile strength plays an important role. When the breaking force is too high, this can be seen as a disadvantage because it is related to a reduction in the toughness and fatigue strength values. If the tensile strength of a chain is increased above a certain value, then the decisive value of the fatigue strength is reduced considerably.



Roller Chains with Attachments – An Integral Part of Modern Dynamics

You want to move objects, transport articles, lift or correctly position something? Rexnord roller chains with attachments offer you a wide spectrum of possibilities for an optimal and functional design of your equipment or drive trains. The following pages contain a variety of possibilities for solutions and can give you one or more suggestions about how you can use the products from Rexnord for your purposes.

Every attachments can be used as outer plates for RexCarbon and sidebow chains. Attachments as inner plates can be used for RexCarbon and sidebow chains on request.

Consultancy is our strength

Whenever you ask questions, we are able to correctly answer them. At your request, our application advisor will also develop special solutions. You can use the know-how from Rexnord for all your special application needs. We are happy to work with you and help you in any way we can.



Rexnord Expertise Chains. Special Strengths for Special Applications.

With its enhanced product range RexPlusCarbon, RexPlusAthletic, RexPlus, RexCarbon and RexAthletic, Rexnord offers innovative roller chains with the highest service life and reliability for demanding applications in all industrial sectors. These new Rexnord expert chain types primarily call on several or all of the following technical and material innovations:

- ▶ **Stainless steel**
- ▶ **Seamless rollers**
- ▶ **High-tech thermoplastic sliding sleeves**
- ▶ **Food industry-safe lubrication**
- ▶ **Alloyed surfaces**
- ▶ **Anti-friction coating**

The right selection is the basis for a perfect and economic solution, so make use of Rexnord's special expertise. Every Rexnord chain can be individually produced for your application – with or without attachments.



RexAthletic
low maintenance

RexAthletic is the longlasting, wear-resistant, low maintenance roller chain with specially developed chain links. It is particularly appropriate for applications where regular maintenance and lubrication is limited, for example, for chains in revolving storage systems, escalators, as well as in drive chains in difficult-to-reach areas.



RexCarbon
maintenance-free

RexCarbon forget about lubrication with RexCarbon. The high-tech thermoplastic sliding sleeve ensures the chain is completely maintenance-free without reducing the service life due to corrosion of the chain links. RexCarbon offers strong performance in all areas where regular maintenance is difficult.



RexPlus
extremely corrosion and acid resistant

RexPlus is the proven corrosion and acid resistant roller chain that satisfies the highest demands on quality, dependability and service life. Through the use of new materials and consistent further development, RexPlus shows its superiority over all other conventional stainless steel chains.



RexPlusAthletic
low maintenance, rust and acid resistant

RexPlusAthletic, the low maintenance stainless steel chain is a combination of the RexAthletic and RexPlus chains. It is highly wear resistant, reliable and maintains a high tensile force with a low amount of maintenance.



RexPlusCarbon
maintenance-free, corrosion and acid resistant

RexPlusCarbon is the first chain that is permanently maintenance-free and corrosion and acid resistant, thereby combining the strengths of RexPlus and RexCarbon. High resistance to wear and optimized elasticity enable permanent precision and security in all applications.

The Three Steps for Choosing the Best Solution for your Application

You know Rexnord as your dependable partner for all your chain solutions. We place great value on completeness and have therefore divided up the presentation of our goods into three sections.

1. Which function should my chain fulfill and which attachment should I use?

To start with, we recommend the most frequently used attachments, such as M-attachments, K-attachments or extended pins.

Next, the application examples from three different industries which use typical attachments will be presented into order to clarify the variety of applications of chains. They should give you suggestions for a solution and implementation which meets your special requirements. Furthermore, other special attachments are listed.

2. Which roller chain type can best fulfill this function?

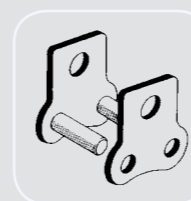
The right choice of the roller chain model predominantly determines the functioning quality of your application. For this reason, we have arranged all types of attachments according to their sizes and classified them in structured tables according to their roller chain type.

In the tabulation summary you can check if the desired attachment is deliverable in the stated size for the roller chain used for your application. If this is not the case, the engineers and technicians will find a solution to meet your specifications.

3. Technical information in only a moment

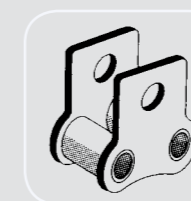
In the tabulation summary, you will find the measurements of our available attachments, sorted by chain size and chain type. The associated size table and technical drawings are uniformly shaped so that you can work effectively with our catalog and quickly find the correct solution for your application.

Connecting Links



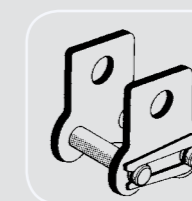
A
outer plate

Pin link A is available for all chains. It can be used as a connecting link or for the production of endless chains. The cover plate exhibits a tight fit. The connecting link can be supplied as an attachment for one or for both sides.



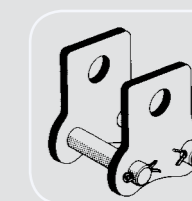
B
inner plate

Pin link B is also available for all chains. If a chain needs to be lengthened or is in need of a repair, the piece can be inserted with two connecting links or two pin links without any problems. The attachments can be mounted on one or on both sides as requested.



E
connecting link with spring clip

The connecting link with spring clip is only for chains up to 25,4 mm pitch. In this case, security is achieved by a steel spring that must be mounted so that its opening is applied to the machine direction. The connecting link with spring clip can be mounted on one side or both sides of the attachment at your request.

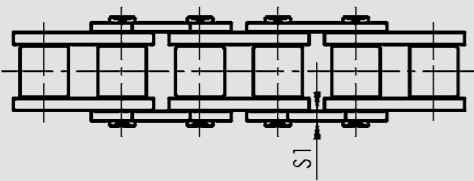
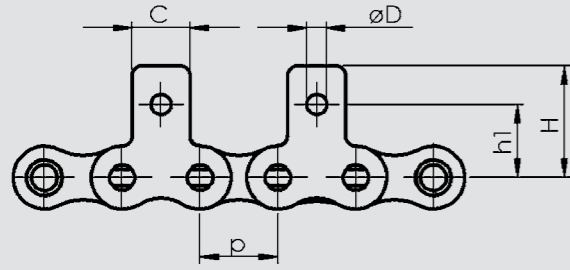
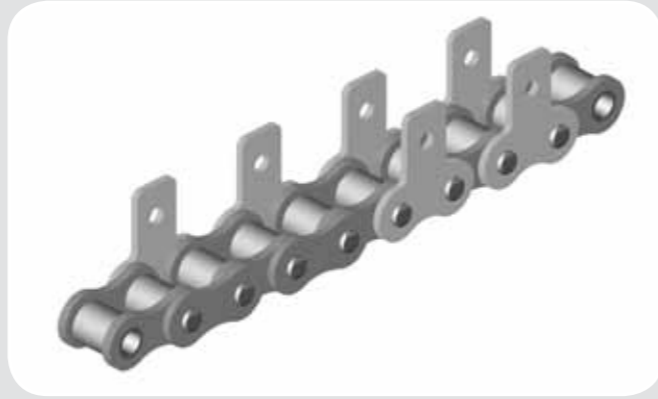


S (G)
connecting link double cotter

This connecting link double cotter is appropriate for chains larger than 25,4 mm in pitch and is fabricated from a particularly tough steel. For chains according to DIN 8188 standards (ANSI) and for double pitch roller chains, there is a specially formed closure made of a spring wire. Assembly of the attachment parts can be done on one or on both sides depending on your request.

Roller Chains with M-Attachments One Bore Hole

Mounted on one and on both sides

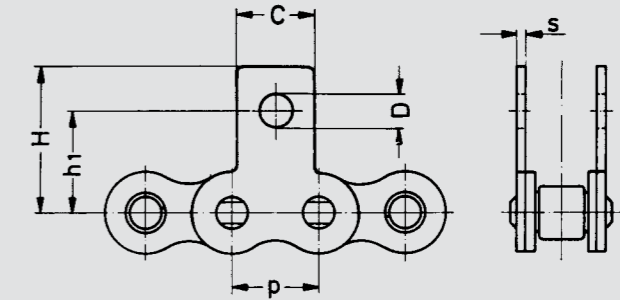
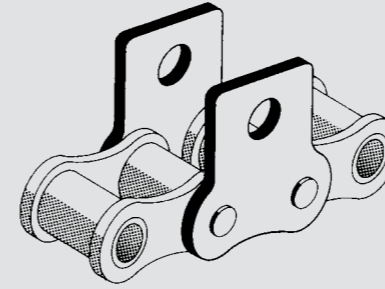


| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|---|-------------------|--------------------|-------|--------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |
| Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 1 | 08 B-1 | M 260 | M 263 | 12,7 | ½" | | | 10,6 | 4,3 | | | 19 | 12,7 | 14,5 | 1,6 | 1,6 |
| 1 | 08 B-1 | M 260 | M 269 | 12,7 | ½" | | | 10,6 | 4,3 | | | 19 | 12,7 | 12,7 | 1,6 | 1,6 |
| 1 | 08 B-1 | M 266 | M 265 | 12,7 | ½" | | | 10,6 | 4,3 | | | 19 | 13,5 | 13,5 | 1,6 | 1,6 |
| 1 | 08 B-1 | M 270 | | 12,7 | ½" | | | 10,6 | 5,4 | | | 19 | 12,7 | | 1,6 | |
| 1 | 10 B-1 | M 302 | M 305 | 15,875 | ⅝" | | | 12,5 | 5,4 | | | 23,4 | 15,3 | 17 | 1,6 | 1,6 |
| 1 | 10 B-1 | M 304 | | 15,875 | ⅝" | | | 12,5 | 5,1 | | | 23,4 | 15,9 | | 1,6 | |
| 1 | 12 B-1 | M 400 | M 409 | 19,05 | ¾" | | | 16 | 5,4 | | | 28 | 17,7 | 17,7 | 1,8 | 1,8 |
| 1 | 12 B-1 | M 402 | | 19,05 | ¾" | | | 16 | 6,6 | | | 28 | 18,3 | | 1,8 | |
| 1 | 12 B-1 | M 488 | | 19,05 | ¾" | | | 16 | 7,2 | | | 28 | 22,2 | | 1,8 | |
| 1 | 16 B-1 | M 500 | M 503 | 25,4 | 1" | | | 19 | 6,6 | | | 34,2 | 23,8 | 26,15 | 3 | 3,9 |
| 1 | 20 B-1 | M 611 | | 31,75 | 1 ¼" | | | 24 | 10,5 | | | 45,3 | 30,5 | | 3,5 | |
| 1 | 08 A-1 | M 222 | M 223 | 12,7 | ½" | | | 10,6 | 3,5 | | | 19 | 12,7 | 14,4 | 1,5 | 1,5 |
| 1 | 10 A-1 | M 322 | M 321 | 15,875 | ⅝" | | | 12,5 | 5,4 | | | 23,4 | 15,3 | 17,5 | 2 | 2 |
| 1 | 12 A-1 | M 422 | M 425 | 19,05 | ¾" | | | 16 | 5,4 | | | 26,2 | 17,25 | 20,5 | 2,4 | 2,4 |
| 1 | 16 A-1 | M 522 | | 25,4 | 1" | | | 20 | 6,65 | | | 34,2 | 23,7 | | 3 | |

Further designs on request!

Roller Chains with M-Attachments One Bore Hole

Mounted on one and on both sides



| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|---|---------------------|--------------------|-------|--------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |
| Stainless Steel Single and Multiple Roller chains (RexPlus), European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 1 | 08 B-1 SS | M 280 | | 12,7 | ½" | | | 10,6 | 4,3 | | | 19 | 12,7 | | 1,6 | |
| 1 | 10 B-1 SS | M 300 | | 15,875 | ⅝" | | | 12,5 | 5,4 | | | 23,4 | 15,3 | | 1,6 | |
| 1 | 12 B-1 SS | M 490 | | 19,05 | ¾" | | | 16 | 5,4 | | | 28 | 17,7 | | 1,8 | |
| 1 | 16 B-1 SS | M 524 | | 25,4 | 1" | | | 19 | 6,6 | | | 34,2 | 23,7 | | 3,1 | |
| 1 | 10 A-1 SS | M 380 | | 15,875 | ⅝" | | | 12,5 | 5,4 | | | 23,4 | 15,3 | | 2 | |
| Double Pitch Roller Chains, ISO 1275 / DIN 8181 | | | | | | | | | | | | | | | | |
| 1 | 208 B | M 540* | | 25,4 | 1" | | | 20 | 4,3 | | | 20,4 | 14,3 | | 1,6 | |
| 1 | 210 B | M 632* | | 31,75 | 1 ¼" | | | 25 | 5,4 | | | 28,4 | 16,1 | | 2 | |
| 1 | 212 B | M 650* | | 38,1 | 1 ½" | | | 31,8 | 6,6 | | | 37,5 | 24 | | 1,8 | |
| 1 | 216 B | M 830 | | 50,8 | 2" | | | 39,8 | 8,5 | | | 39,8 | 27 | | 3 | |
| 1 | 208 A ^x | M 550* | | 25,4 | 1" | | | 20 | 5,4 | | | 20,4 | 11,2 | | 1,6 | |
| 1 | 210 A ^{xx} | M 632* | | 31,75 | 1 ¼" | | | 25 | 5,4 | | | 28,4 | 16,1 | | 2 | |
| Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 3 | 08 B-1 | M 274 | | 12,7 | ½" | | | 17,9 | 7,2 | | | 19 | 13 | | 1,6 | |
| 3 | 16 B-1 | M 510 | | 25,4 | 1" | | | 36 | 8,3 | | | 36,3 | 24,3 | | 3 | |

* Attachment with straight plate

x Also for chain type C 2040 and C 2042

xx Also for chain type C 2050 and C 2052

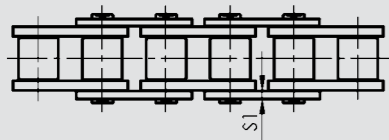
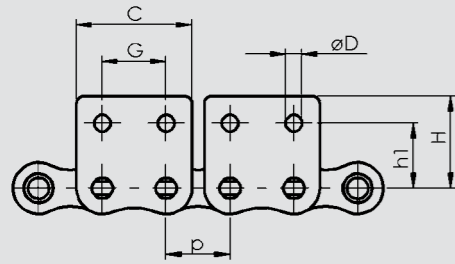
Order example:

Roller chain 16B-1 with M-attachments on outer link plates (M 500), on one side (1), every 4 pitches (4p) = 16 B-1 / M 500 – 1/4 p.

Further designs on request!

Roller Chains with M-Attachments Two Bore Holes

Mounted on one and both sides



Type 2

| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|---|-------------------|--------------------|--------|--------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |
| Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 2 | 08 B-1 | M 61 | | 12,7 | ½" | | | 23,7 | 4,36 | | 12,55 | 17,2 | 12,3 | | 1,6 | |
| 2 | 08 B-1 | M 51305 | | 12,7 | ½" | | | 24,4 | 5,03 | | 12,7 | 19 | 14,3 | | 1,6 | |
| 2 | 08 B-1 | M 188 | M 189 | 12,7 | ½" | | | 24,4 | 4,3 | | 12,7 | 19 | 14,3 | 14,3 | 1,6 | 1,6 |
| 2 | 10 B-1 | M 346 | | 15,875 | ⅝" | | | 28,6 | 5,1 | | 15,8 | 21 | 15,4 | | 1,6 | |
| 2 | 12 B-1 | M 452 | | 19,05 | ¾" | | | 35,2 | 6,6 | | 19,05 | 29,8 | 20 | | 1,8 | |
| 2 | 12 B-1 | M 3695 | | 19,05 | ¾" | | | 35,2 | 6,6 | | 19,05 | 32 | 21,5 | | 3,75 | |
| 2 | 12 B-1 | M 434* | | 19,05 | ¾" | | | 35 | 6,6 | | 16 | 30,2 | 23 | | 1,8 | |
| 2 | 16 B-1 | | M 517* | 25,4 | 1" | | | 45,8 | 8,3 | | 20 | 36,8 | | 26,5 | | 4 |
| 2 | 16 B-1 | M 572* | | 25,4 | 1" | | | 45,8 | 8,3 | | 25 | 36,9 | 25,9 | | 3,05 | |
| 2 | 16 B-1 | M 576 | | 25,4 | 1" | | | 46 | 8,3 | | 25,4 | 36,7 | 25,9 | | 3,05 | |
| 2 | 20 B-1 | M 620 | | 31,75 | 1 ¼" | | | 47 | 8,3 | | 30 | 42,2 | 30 | | 4 | |
| 2 | 24 B-1 | M 740 | | 38,1 | 1 ½" | | | 71,1 | 10,5 | | 38,1 | 64,8 | 47,3 | | 5 | |
| 2 | 32 B-1 | M 92364 | | 50,8 | 2" | | | 92,4 | 12,5 | | 50,5 | 73,6 | 52,9 | | 6,3 | |
| Stainless Steel Single and Multiple Roller chains (RexPlus), European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 2 | 08 B-1 SS | M 294 | | 12,7 | ½" | | | 24,4 | 4,3 | | 12,7 | 19 | 14,3 | | 1,6 | |
| 2 | 12 B-1 SS | M 494 | | 19,05 | ¾" | | | 35,2 | 6,6 | | 19 | 27,7 | 18,55 | | 1,8 | |

* Attachment with straight plate. Further designs on request!

Roller Chains with Straight Connecting Links as Attachments

Chains can easily be equipped with special attachments by means of straight connecting links. There are a range of possible combinations. For example, single strand chains can be equipped with straight duplex or triplex connecting links. Double chains can be equipped with triplex connecting links.

As shown in Figures I – V, a symmetric and an asymmetric combination are both possible.

For example, if a combination of two single strand roller chains with several triplex connecting links (shown in Figure 5) is necessary, the chains must be matched

as a pair. Large pitch roller chains can be combined in the same way. Rexnord will gladly offer you technical suggestions and price quotations at your request.

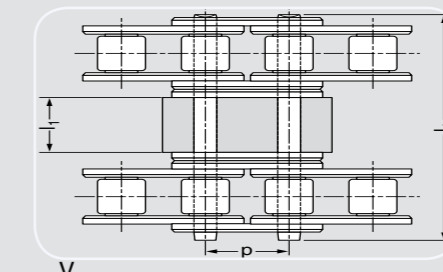
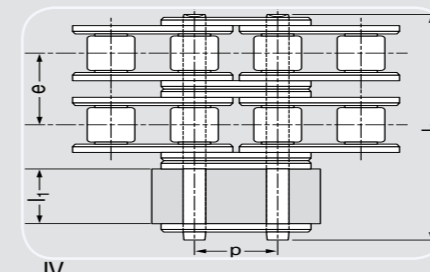
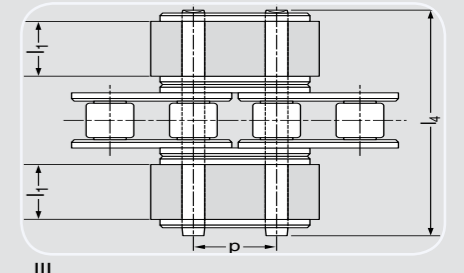
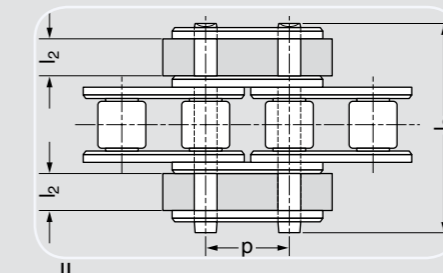
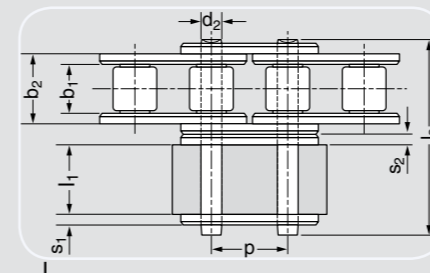
Roller Chain-Connecting Link Combination

I, II = Single strand chain with double connecting link

IV = Double strand chain with triple connecting link

III = Single strand chain with triple connecting link

V = 2 x Single strand chain with triple connecting link



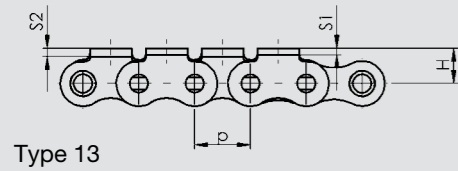
Roller chains ≤ 25,4 mm pitch:
Con Link Type E (spring type)

Roller chains > 25,4 mm pitch:
Con Link Type S (cotter type)

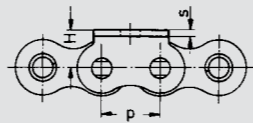
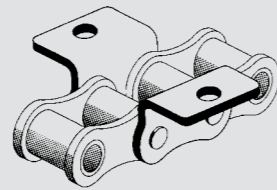
| Chain type | pitch p | | Inner width b ₂ max | Transverse e | Plate thickness s ₁ | Plate thickness s ₂ | l ₁ | l ₂ | l ₃ max. | l ₄ max. |
|--|---------|------|--------------------------------|--------------|--------------------------------|--------------------------------|----------------|----------------|---------------------|---------------------|
| | mm | inch | | | | | | | | |
| Single- and multiple Roller Chains ISO 606, European Standard DIN 8187 | | | | | | | | | | |
| 08 B-1 und 2 | 12,7 | ½" | 11,3 | 13,92 | 1,7 | 1,25 | 11,2 | 5,6 | 32,1 | 46 |
| 10 B-1 und 2 | 15,875 | ⅝" | 13,28 | 16,59 | 1,5 | | 13,2 | 6,6 | 37,1 | 53,9 |
| 12 B-1 und 2 | 19,05 | ¾" | 15,62 | 19,46 | 1,8 | | 15,6 | 7,8 | 42,6 | 62,4 |
| 16 B-1 und 2 | 25,4 | 1" | 25,4 | 31,88 | 3,1 | | 25,3 | 12,65 | 69,5 | 101,4 |
| 20 B-1 und 2 | 31,75 | 1 ¼" | 29 | 36,45 | 3,5 | | 28,9 | 14,45 | 80,7 | 117,2 |
| 24 B-1 und 2 | 38,1 | 1 ½" | 37,9 | 48,36 | 5 | | 37,8 | 18,9 | 106,9 | 155,2 |
| Single- and Multiple Roller Chains ISO 606, American Standard DIN 8188 | | | | | | | | | | |
| 08 A-1 und 2 | 12,7 | ½" | 11,15 | 14,48 | 1,5 | | 11,1 | 5,55 | 31,9 | 46,3 |
| 10 A-1 und 2 | 15,875 | ⅝" | 13,8 | 18,11 | 2 | | 13,7 | 6,65 | 39,6 | 58,9 |
| 12 A-1 und 2 | 19,05 | ¾" | 17,7 | 22,78 | 2,4 | | 17,6 | 8,6 | 49,6 | 72,5 |
| 16 A-1 und 2 | 25,4 | 1" | 22,5 | 29,29 | 3,1 | | 22,4 | 11,2 | 64,5 | 93,6 |
| 20 A-1 und 2 | 31,75 | 1 ¼" | 27,4 | 35,76 | 4 | | 27,3 | 13,65 | 79,3 | 115,1 |
| 24 A-1 und 2 | 38,1 | 1 ½" | 35,3 | 45,44 | 4,7 | | 35,2 | 17,6 | 100,3 | 145,7 |

Roller Chains with K-Attachments One Bore Hole

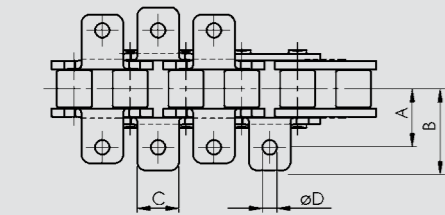
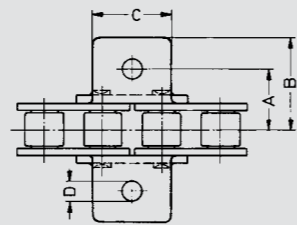
Mounted on one or both sides



Type 13



Type 15



| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|---|-------------------|--------------------|---------|--------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |
| Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 13 | 08 B-1 | W 260 | W 263 | 12,7 | ½" | 13 | 19,3 | 10,6 | 4,3 | | | 8,5 | | | 1,6 | 1,6 |
| 13 | 08 B-1 | W 264 | W 269 | 12,7 | ½" | 11,9 | 19,3 | 10,6 | 4,3 | | | 8,9 | | | 1,6 | 1,6 |
| 13 | 08 B-1 | W 266 | | 12,7 | ½" | 13,8 | 19,7 | 10,6 | 4,3 | | | 8,5 | | | 1,6 | |
| 13 | 08 B-1 | W 270 | | 12,7 | ½" | 13 | 19,7 | 10,6 | 5,4 | | | 8,5 | | | 1,6 | |
| 13 | 08 B-1 | W 276 | | 12,7 | ½" | 11,9 | 19,3 | 10,6 | 5,4 | | | 8,9 | | | 1,6 | |
| 13 | 10 B-1 | W 302 | W 305 | 15,875 | ⅝" | 14,9 | 23,5 | 12,5 | 5,4 | | | 10,3 | | | 1,6 | 1,6 |
| 13 | 10 B-1 | W 304 | W 309 | 15,875 | ⅝" | 15,9 | 23,5 | 12,5 | 5,1 | | | 10,3 | | | 1,6 | 1,6 |
| 13 | 10 B-1 | W 340 | | 15,875 | ⅝" | 16,5 | 23,5 | 12,5 | 5,4 | | | 10,3 | | | 1,6 | |
| 13 | 10 B-1 | W 352 | | 15,875 | ⅝" | 14,9 | 23,5 | 12,5 | 4,3 | | | 10,3 | | | 1,6 | |
| 13 | 12 B-1 | W 89797 | W 12515 | 19,05 | ¾" | 19,05 | 26,5 | 16 | 6,4 | | | 13,5 | | | 1,8 | 1,8 |
| 13 | 12 B-1 | | W 12515 | 19,05 | ¾" | 19,05 | 24,6 | 16 | 6,4 | | | 13,5 | | | 1,8 | 1,8 |
| 13 | 12 B-1 | W 400 | W 405 | 19,05 | ¾" | 17,2 | 28 | 16 | 5,4 | | | 11,9 | | | 1,8 | 1,8 |
| 13 | 12 B-1 | W 402 | | 19,05 | ¾" | 17,7 | 28,0 | 16 | 6,6 | | | 11,9 | | | 1,8 | |
| 13 | 12 B-1 | W 488 | W 489 | 19,05 | ¾" | 19,05 | 26,4 | 16 | 7,2 | | | 13,5 | | | 1,8 | 1,8 |
| 13 | 16 B-1 | W 500 | W 503 | 25,4 | 1" | 26,5 | 37,5 | 19 | 6,6 | | | 15,9 | | | 3 | 3 |

Further designs on request!

Roller Chains with K-Attachments One Bore Hole

| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|--------------------|-------------------|--------------------|-------|-------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |

Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188

| | | | | | | | | | | | | | | | | |
|----|--------|-------|-------|--------|------|-------|------|------|------|--|--|------|--|--|-----|-----|
| 13 | 16 B-1 | W 502 | W 501 | 25,4 | 1" | 23,8 | 37,8 | 19 | 6,6 | | | 15,2 | | | 3 | 3 |
| 13 | 16 B-1 | W 506 | | 25,4 | 1" | 27 | 37,9 | 19 | 10 | | | 18 | | | 3 | |
| 13 | 16 B-1 | W 526 | W 527 | 25,4 | 1" | 26,5 | 37,5 | 19 | 8,3 | | | 15,9 | | | 3 | 4 |
| 13 | 20 B-1 | W 611 | | 31,75 | 1 ¼" | 32,6 | 47,4 | 24 | 10,5 | | | 15,9 | | | | 3,5 |
| 13 | 08 A-1 | W 222 | W 223 | 12,7 | ½" | 12,7 | 19,4 | 10,6 | 3,5 | | | 8,5 | | | 1,6 | 1,6 |
| 13 | 10 A-1 | W 322 | W 321 | 15,875 | ⅝" | 15,8 | 24,3 | 12,5 | 5,4 | | | 10,3 | | | 2 | 2 |
| 13 | 12 A-1 | W 422 | | 19,05 | ¾" | 19,05 | 28,4 | 16 | 5,4 | | | 11,9 | | | 2,4 | |
| 13 | 12 A-1 | W 428 | | 19,05 | ¾" | 19,05 | 28,4 | 15,9 | 8,3 | | | 11,9 | | | 2,4 | |
| 13 | 16 A-1 | W 522 | W 523 | 25,4 | 1" | 25,4 | 36,4 | 20 | 6,6 | | | 15,9 | | | 3 | 3 |
| 13 | 28 A-1 | | W 983 | 44,45 | 1 ¾" | 44,45 | 55 | 35,7 | 11,5 | | | 28,6 | | | | 5,5 |
| 13 | 32 A-1 | W 984 | | 50,8 | 2" | 50,8 | 70,8 | 38,5 | 13,1 | | | 31,8 | | | 6,3 | |
| 15 | 08 B-1 | W 274 | | 12,7 | ½" | 13,8 | 20,1 | 17,9 | 7,2 | | | 8 | | | | 1,6 |
| 15 | 16 B-1 | W 508 | | 25,4 | 1" | 27 | 39,5 | 36 | 10,3 | | | 15,9 | | | 3 | |
| 15 | 16 B-1 | W 510 | | 25,4 | 1" | 27 | 39,5 | 36 | 8,3 | | | 15,9 | | | | 3 |
| 16 | 16 B-1 | W 580 | | 25,4 | 1" | 28,5 | 37,8 | 45,8 | 8,5 | | | 18 | | | 3 | |
| 15 | 16 B-1 | W 596 | | 25,4 | 1" | 29 | 38,0 | 24 | 9 | | | 18 | | | | 3 |
| 15 | 32 B-1 | W 838 | | 50,8 | 2" | 52,5 | 73 | 92,4 | 14 | | | 35 | | | | 6,3 |

Stainless Steel Single and Multiple Roller chains (RexPlus), European Standard DIN 8187, American Standard DIN 8188

| | | | | | | | | | | | | | | | | |
|----|-----------|---------|-------|--------|----|------|------|------|-----|--|--|------|--|--|-----|-----|
| 13 | 08 B-1 SS | W 280 | | 12,7 | ½" | 13 | 19,7 | 10,6 | 4,3 | | | 8,5 | | | 1,6 | |
| 13 | 12 B-1 SS | W 490 | | 19,05 | ¾" | 17,2 | 28 | 16 | 5,4 | | | 11,9 | | | 1,8 | |
| 13 | 12 B-1 SS | W 492 | | 19,05 | ¾" | 17,7 | 28 | 16 | 6,6 | | | 11,9 | | | 1,8 | |
| 13 | 16 B-1 SS | W 512 | | 25,4 | 1" | 28,9 | 37,5 | 36 | 9 | | | 18 | | | 3,1 | |
| 13 | 16 B-1 SS | W 524 | | 25,4 | 1" | 26,5 | 37,5 | 19 | 6,6 | | | 15,9 | | | 3,1 | |
| 13 | 16 B-1 SS | W 528 | W 529 | 25,4 | 1" | 26,5 | 37,5 | 18,6 | 6,6 | | | 15,9 | | | 3,1 | 3,7 |
| 13 | 16 B-1 SS | W 97654 | | 25,4 | 1" | 26,5 | 37,5 | 18,6 | 8,3 | | | 15,9 | | | 3,1 | |
| 13 | 10 A-1 SS | W 380 | | 15,875 | ⅝" | 15,8 | 24,3 | 12,5 | 5,4 | | | 10,3 | | | 2 | |

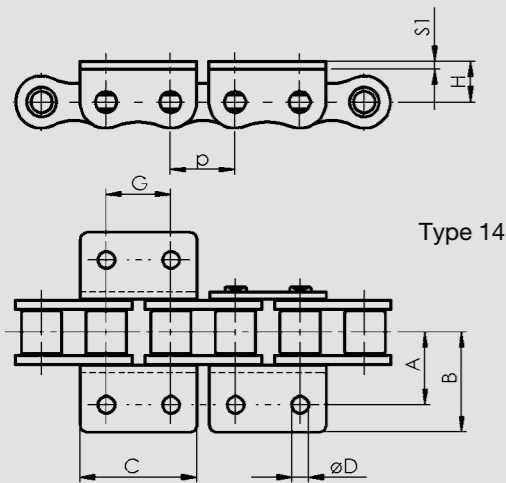
Double Pitch Roller Chains, European Standard DIN 8187, American Standard DIN 8181

| | | | | | | | | | | | | | | | | |
|----|----------|---------|-------|-------|------|-------|------|------|-----|--|--|------|--|--|-----|-----|
| 13 | 208 B | W 548 | W 549 | 25,4 | 1" | 14 | 20,4 | 20 | 4,4 | | | 9 | | | 1,6 | 1,6 |
| 13 | 210 B | | W 635 | 31,75 | 1 ¼" | 15,8 | 28,3 | 25 | 5,4 | | | 11,2 | | | | 1,6 |
| 13 | 212 B | W 650 | | 38,1 | 1 ½" | 20,9 | 34,9 | 31,8 | 6,6 | | | 14,5 | | | 1,8 | |
| 13 | 216 B | W 830 | | 50,8 | 2" | 28,8 | 42,1 | 39,8 | 8,3 | | | 17 | | | 3 | |
| 13 | 208 A | W 552 | | 25,4 | 1" | 12,7 | 20,4 | 20 | 4,3 | | | 9 | | | 1,6 | |
| 13 | 208 A | W 554 | | 25,4 | 1" | 12,7 | 20,4 | 20 | 5,4 | | | 9 | | | 1,6 | |
| 13 | 208 A | W 45497 | | 25,4 | 1" | 12,7 | 20,4 | 20 | 5,1 | | | 9 | | | 1,6 | |
| 13 | 210 A | W 19586 | | 31,75 | 1 ¼" | 15,8 | 22,3 | 25 | 5,4 | | | 11,2 | | | 2 | |
| 13 | 212 A | W 658 | | 38,1 | 1 ½" | 19,05 | 31,2 | 28 | 6,6 | | | 14,5 | | | 2,4 | |
| 13 | 212 A H | W 662 | | 38,1 | 1 ½" | 21,4 | 33,2 | 28 | 6,6 | | | 14,7 | | | 3,1 | |
| 13 | 216 B SS | W 62166 | | 50,8 | 2" | 27,8 | 41,1 | 39,8 | 8,3 | | | 18 | | | 3,1 | |

Further designs on request!

Roller Chains with K-Attachments Two Bore Holes

Mounted on one or both sides



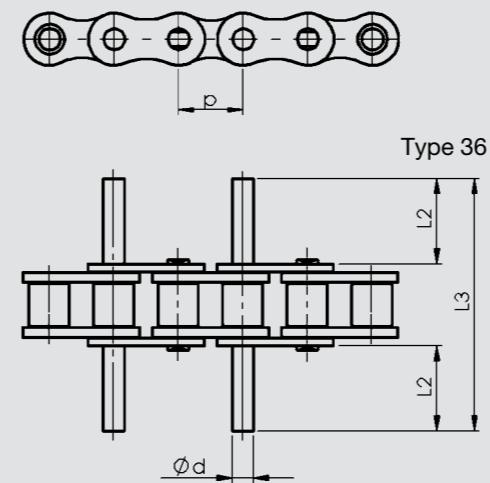
Type 14

| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|---|-------------------|--------------------|-------|--------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |
| Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 14 | 08 B-1 | W 188 | W 189 | 12,7 | ½" | 13 | 19,7 | 24,4 | 4,3 | | 12,7 | 8,5 | | | 1,6 | 1,6 |
| 14 | 08 B-1 | W 190 | | 12,7 | ½" | 12,7 | 20,7 | 24,4 | 4,9 | | 12,7 | 9,9 | | | 1,6 | |
| 14 | 10 B-1 | W 346 | | 15,875 | ⅝" | 15 | 21,1 | 28,6 | 5,1 | | 15,77 | 10,3 | | | 1,6 | |
| 14 | 12 B-1 | W 450 | | 19,05 | ¾" | 18 | 27,7 | 35,2 | 6,6 | | 19,05 | 12 | | | 1,8 | |
| 14 | 12 B-1 | W 456 | | 19,05 | ¾" | 17,5 | 26,1 | 35 | 5,4 | | 19,05 | 11,4 | | | 1,8 | |
| 14 | 16 B-1 | W 572 | | 25,4 | 1" | 25,4 | 36,8 | 45,8 | 8,3 | | 25 | 19 | | | 3 | |
| 14 | 16 B-1 | W 576 | | 25,4 | 1" | 28,7 | 40 | 46 | 8,3 | | 25,4 | 15,9 | | | 3 | |
| 14 | 20 B-1 | W 612 | | 31,75 | 1¼" | 33,4 | 43 | 47 | 8,1 | | 30 | 22 | | | 3,5 | |
| 14 | 24 B-1 | W 740 | | 38,1 | 1½" | 43,6 | 61,8 | 71,1 | 10,5 | | 38,1 | 32 | | | 5 | |
| 14 | 28 B-1 | W 82 | | 44,45 | 1¾" | 44,45 | 67,9 | 81,5 | 13,5 | | 44,45 | 28,6 | | | 5,5 | |
| 14 | 32 B-1 | W 840 | | 50,8 | 2" | 52,6 | 74,1 | 92,4 | 12,5 | | 50,8 | 35 | | | 6,3 | |
| 14 | 32 B-1 | W 842 | | 50,8 | 2" | 47,7 | 58,6 | 92,4 | 14 | | 50,8 | 35 | | | 6,3 | |
| 14 | 32 B-1 | W 116846 | | 50,8 | 2" | 52,6 | 74,1 | 92,4 | 14 | | 50,8 | 35 | | | 6,3 | |
| 14 | 12 A-1 | W 111934 | | 19,05 | ¾" | 19,5 | 26,7 | 36 | 6,6 | | 19,05 | 11,5 | | | 2,4 | |
| 14 | 28 A-1 | W 91410 | | 44,45 | 1¾" | 34,7 | 49,4 | 81,5 | 11,2 | | 42 | 25 | | | 5,5 | |
| 14 | 28 A-1 | W 762 | | 44,45 | 1¾" | 17,25 | 31,7 | 49,4 | 10,3 | | 42 | 25 | | | 5,5 | |
| Stainless Steel Single and Multiple Roller chains (RexPlus), European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | | | |
| 14 | 08 B-1 SS | W 294 | | 12,7 | ½" | 13 | 19,7 | 24,4 | 4,3 | | 12,7 | 8,5 | | | 1,6 | |
| 14 | 10 B-1 SS | W 394 | | 15,875 | ⅝" | 15,6 | 21,1 | 28,6 | 5,1 | | 15,8 | 10,3 | | | 1,6 | |
| 14 | 12 B-1 SS | W 494 | | 19,05 | ¾" | 18 | 27,6 | 35,2 | 6,6 | | 19,05 | 12 | | | 2 | |
| 14 | 16 B-1 SS | W 574 | | 25,4 | 1" | 25,4 | 36,8 | 45,8 | 8,3 | | 25 | 19 | | | 3,1 | |
| 14 | 16 B-1 SS | W 121148 | | 25,4 | 1" | 28,8 | 37,8 | 45,8 | 9 | | 25 | 18 | | | 3,1 | |

Further designs on request!

Roller Chains with Extended Pins

Extended on one side – Type 35
Extended on both sides – Type 36



Type 36

| Attachment Type | Chain No. | Name of Attachment | Pitch p | | d | l ₁ | l ₂ | l ₃ |
|---|-----------|--------------------|---------|------|--------------|------------------|--------------------|----------------|
| | | | mm | inch | Pin diameter | Pin gap one side | Pin gap both sides | Overall width |
| Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | |
| 35 + 36 | 08 B-1 | BGL 08 B-2 * | 12,7 | ½" | 4,45 | 15 | 8 | 31 |
| 35 + 36 | 08 B-1 | BGL 08 B-3 * | 12,7 | ½" | 4,45 | 29 | 15 | 44,9 |
| 35 + 36 | 10 B-1 | BGL 10 B-2 * | 15,875 | ⅝" | 5,08 | 17,8 | 9,5 | 35,5 |
| 35 + 36 | 10 B-1 | BGL 10 B-3 * | 15,875 | ⅝" | 5,08 | 34,4 | 17,8 | 52,2 |
| 35 + 36 | 12 B-1 | BGL 12 B-2 * | 19,05 | ¾" | 5,72 | 20,8 | 11 | 41,7 |
| 35 + 36 | 12 B-1 | BGL 12 B-3 * | 19,05 | ¾" | 5,72 | 40,2 | 20,8 | 61,3 |
| 35 + 36 | 16 B-1 | BGL 16 B-2 * | 25,4 | 1" | 8,28 | 33,6 | 17,6 | 67,4 |
| 35 + 36 | 16 B-1 | BGL 16 B-3 * | 25,4 | 1" | 8,28 | 65,5 | 33,6 | 99,3 |
| 35 + 36 | 20 B-1 | BGL 20 B-2 | 31,75 | 1¼" | 10,19 | 38,3 | 20,1 | 76,9 |
| 35 + 36 | 20 B-1 | BGL 20 B-3 | 31,75 | 1¼" | 10,19 | 74,8 | 38,3 | 113,4 |
| 35 + 36 | 24 B-1 | BGL 24 B-2 | 38,1 | 1½" | 14,63 | 51,2 | 26,8 | 102,2 |
| 35 + 36 | 24 B-1 | BGL 24 B-3 | 38,1 | 1½" | 14,63 | 99,2 | 50,8 | 150 |
| 35 + 36 | 08 A-1 | BGL 08 A-2 | 12,7 | ½" | 3,96 | 15,3 | 8,1 | 30,7 |
| 35 + 36 | 08 A-1 | BGL 08 A-3 | 12,7 | ½" | 3,96 | 29,7 | 15,3 | 45,1 |
| 35 + 36 | 10 A-1 | BGL 10 A-2 | 15,875 | ⅝" | 5,08 | 19,2 | 10,2 | 38,5 |
| 35 + 36 | 10 A-1 | BGL 10 A-3 | 15,875 | ⅝" | 5,08 | 37,3 | 19,2 | 56,7 |
| 35 + 36 | 12 A-1 | BGL 12 A-2 | 19,05 | ¾" | 5,94 | 24,2 | 12,8 | 48,5 |
| 35 + 36 | 12 A-1 | BGL 12 A-3 | 19,05 | ¾" | 5,94 | 46,9 | 24,2 | 71,3 |
| 35 + 36 | 16 A-1 | BGL 16 A-2 | 25,4 | 1" | 7,92 | 31,3 | 16,6 | 62,5 |
| 35 + 36 | 16 A-1 | BGL 16 A-3 | 25,4 | 1" | 7,92 | 60,6 | 31,3 | 91,7 |
| 35 + 36 | 20 A-1 | BGL 20 A-2 | 31,75 | 1¼" | 9,53 | 37,6 | 19,7 | 75,3 |
| 35 + 36 | 20 A-1 | BGL 20 A-3 | 31,75 | 1¼" | 9,53 | 73,4 | 37,6 | 111,2 |

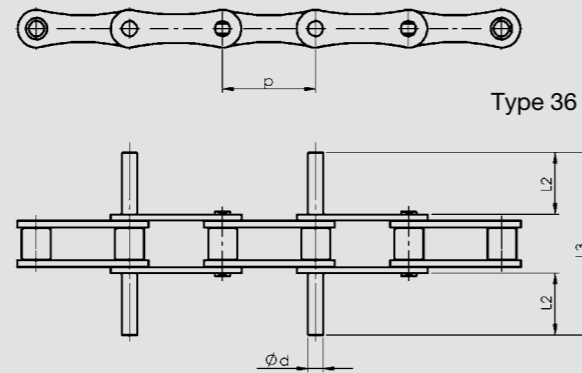
Type 35 and 36 of European standard up to 1" are also available in RexPlus!

* Regarding Quick Step Programme: Only Type 35 is available with Quick Step.

Further designs on request!

Roller Chains with Extended Pins

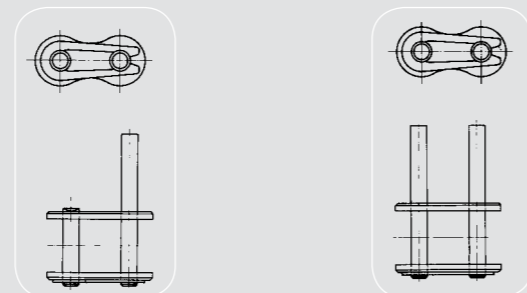
Extended on one side – Type 35
Extended on both sides – Type 36



| Attachment Type | Chain No. | Name of Attachment | Pitch p | | d Pin diameter | l1 Pin gap one side | l2 Pin gap both sides | l3 Overall width |
|--|-----------|--------------------|---------|-------|-------------------|------------------------|--------------------------|---------------------|
| | | | mm | inch | | | | |
| Double Pitch Roller Chains, European Standard DIN 8181, American Standard DIN 8181 | | | | | | | | |
| 35 + 36 | 208 B | BGL 08 B-2 | 25,4 | 1 " | 4,45 | 15 | 8 | 31 |
| 35 + 36 | 208 B | BGL 08 B-3 | 25,4 | 1 " | 4,45 | 29 | 15 | 44,9 |
| 35 + 36 | 210 B | BGL 10 B-2 | 31,75 | 1 ¼ " | 5,08 | 17,8 | 9,5 | 35,5 |
| 35 + 36 | 210 B | BGL 10 B-3 | 31,75 | 1 ¼ " | 5,08 | 34,4 | 17,8 | 52,2 |
| 35 + 36 | 212 B | BGL 12 B-2 | 38,1 | 1 ½ " | 5,72 | 20,8 | 11 | 41,7 |
| 35 + 36 | 212 B | BGL 12 B-3 | 38,1 | 1 ½ " | 5,72 | 40,2 | 20,8 | 61,3 |
| 35 + 36 | 216 B | BGL 16 B-2 | 50,8 | 2 " | 8,28 | 33,6 | 17,6 | 67,4 |
| 35 + 36 | 216 B | BGL 16 B-3 | 50,8 | 2 " | 8,28 | 65,5 | 33,6 | 99,3 |
| 35 + 36 | 208 A | BGL 08 A-2 | 25,4 | 1 " | 3,96 | 15,3 | 8,1 | 30,7 |
| 35 + 36 | 208 A | BGL 08 A-3 | 25,4 | 1 " | 3,96 | 29,7 | 15,3 | 45,1 |
| 35 + 36 | 210 A | BGL 10 A-2 | 31,75 | 1 ¼ " | 5,08 | 19,2 | 10,2 | 38,5 |
| 35 + 36 | 210 A | BGL 10 A-3 | 31,75 | 1 ¼ " | 5,08 | 37,3 | 19,2 | 56,7 |
| 35 + 36 | 212 A | BGL 12 A-2 | 38,1 | 1 ½ " | 5,94 | 24,2 | 12,8 | 48,5 |
| 35 + 36 | 212 A | BGL 12 A-3 | 38,1 | 1 ½ " | 5,94 | 46,9 | 24,2 | 71,3 |
| 35 + 36 | 216 A | BGL 16 A-2 | 50,8 | 2 " | 7,92 | 31,3 | 16,6 | 62,5 |
| 35 + 36 | 216 A | BGL 16 A-3 | 50,8 | 2 " | 7,92 | 60,6 | 31,3 | 91,7 |

Pin dimensions for double pitch roller chains, American Standard, with straight and heavy link plates correspond to the dimensions of the ANSI series.

Stainless steel roller chains with extended pins correspond to the dimensions of standard chain.



With one extended pin

With two extended pins

Chains up to 25,4 pitch: Connecting links with spring clip
Chains 31,75 pitch and above: Connecting link with cotter

Further designs on request!

The Click Attachment System



Mounted Click Attachment system on the bottom side

The Rexnord Click Attachment System is an easy to handle and very effective problem solution. A plastic part is integrated into the chain design by „clicking“ it onto the inner links of the chain. This enables a careful transportation of sensitive products without any problem.

Roof tiles, tin boxes with individual parts, as well as food products are transported with the help of the Chain Click System.

The large advantage is the good price/performance relationship.

The wear of the plastic parts does not result in the replacement of the entire chain, as replacement attachments can be supplied. The Click Attachment must be used with single and multiple strand roller chains of BS standard DIN/ISO 8187, Roller Chains with straight plates, non corrosive chains, chains with surface treatment (zinc and/or nickel plated), and sidebow chains.

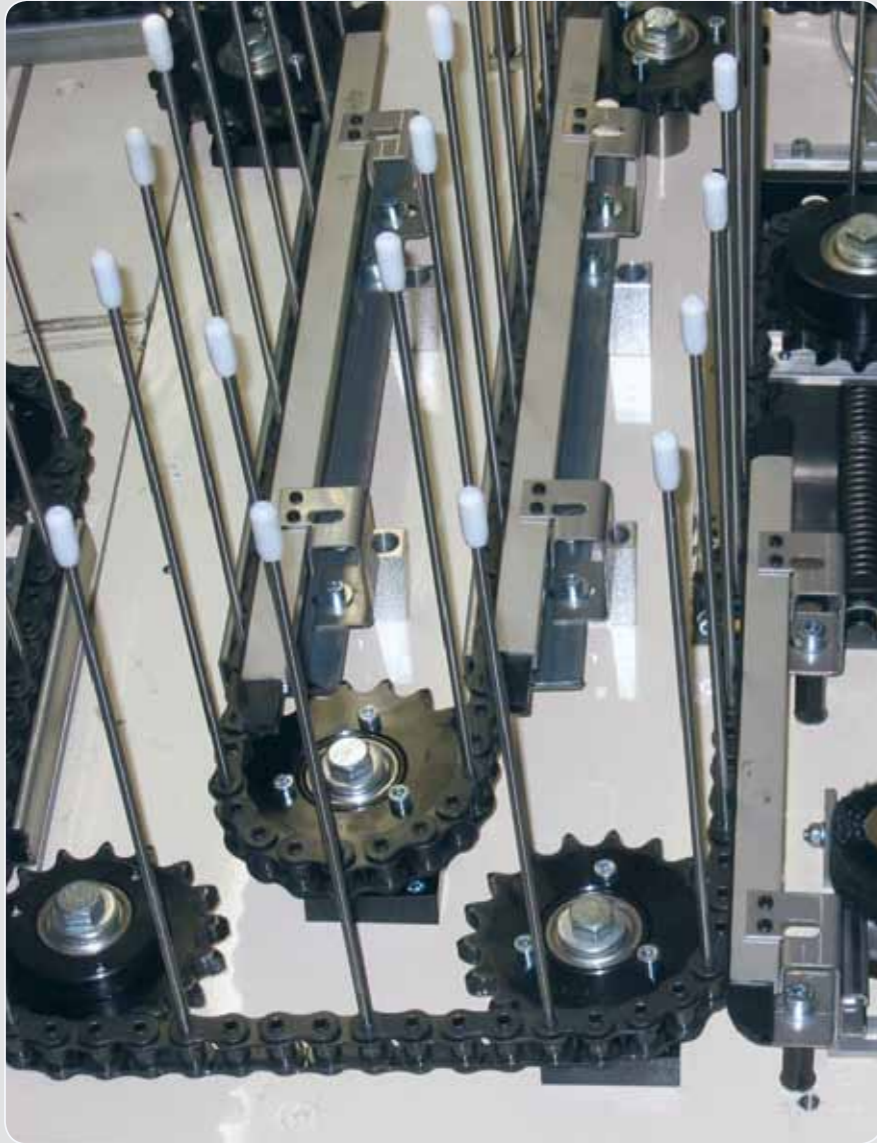
The selected material contains absolutely no silicon.

| Chain type | pitch p | | Click Material | Click Attachment height H [mm] | Max. allowable load weight/each click M/pro click kg | Max. allowable Chain tension each strand F* |
|------------|---------|-------|---------------------|--------------------------------|---|--|
| | mm | inch | | | | |
| 08 B Clip | 12,7 | ½ " | Polyamid reinforced | 7,8 | 80 kg | 1250 N |
| 10 B Clip | 15,875 | 5/8 " | | 9,8 | 100 kg | 1750 N |
| 12 B Clip | 19,05 | ¾ " | | 11 | 120 kg | 2500 N |
| 16 B Clip | 25,4 | 1 " | | 14,5 | 160 kg | 5500 N |

* Double Strand = F x 1,8
Triple Strand = F x 2,5

Sprockets: Due to construction, only every second tooth is used.

Pin Oven Chains



Example of use of an pin oven chain

Different roller chains and hollow pin chains according to ISO 606 are used for transport of cans and collapsible tubes between the production process steps.

Different pitches, standards and measurements of pin oven are possible. If required, the end of every pin oven can be assembled with a protective cap for protecting the products and prevent damages.

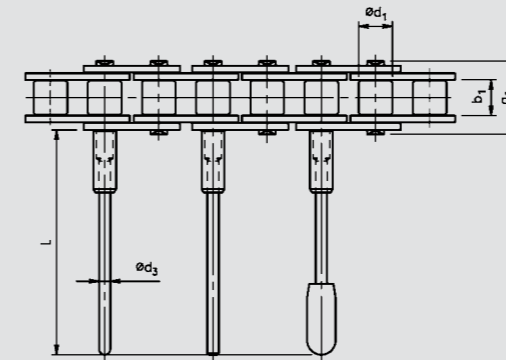
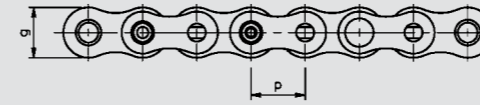
Pin ovens are available in spring steel and stainless design.

For cleaning cans, a special solution can be the use of our curved wire, stainless chains.

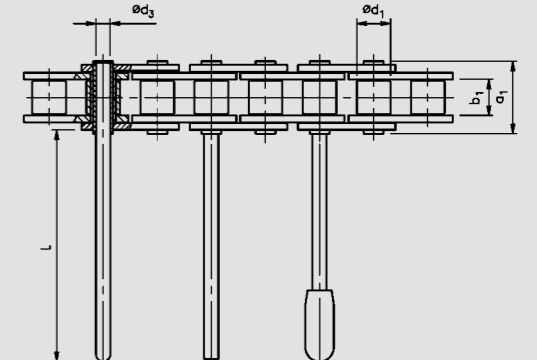
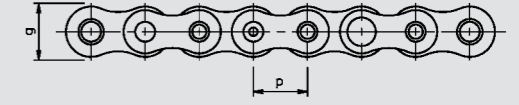
Please do not hesitate to contact our application engineers for an optimised solution for your individual application!

Roller chains ISO 606 with pin ovens are available in sizes 1/2 inch to 3/4 inch; Hollow pin chains with pin ovens are available in sizes 5/8 inch to 1 inch. These chain types are also shown in our Quality Chains catalogue.

Pin Oven Chains



Technical drawing of roller chain with three different designs of pin ovens. Measurement L and equivalent design determined on agreement.

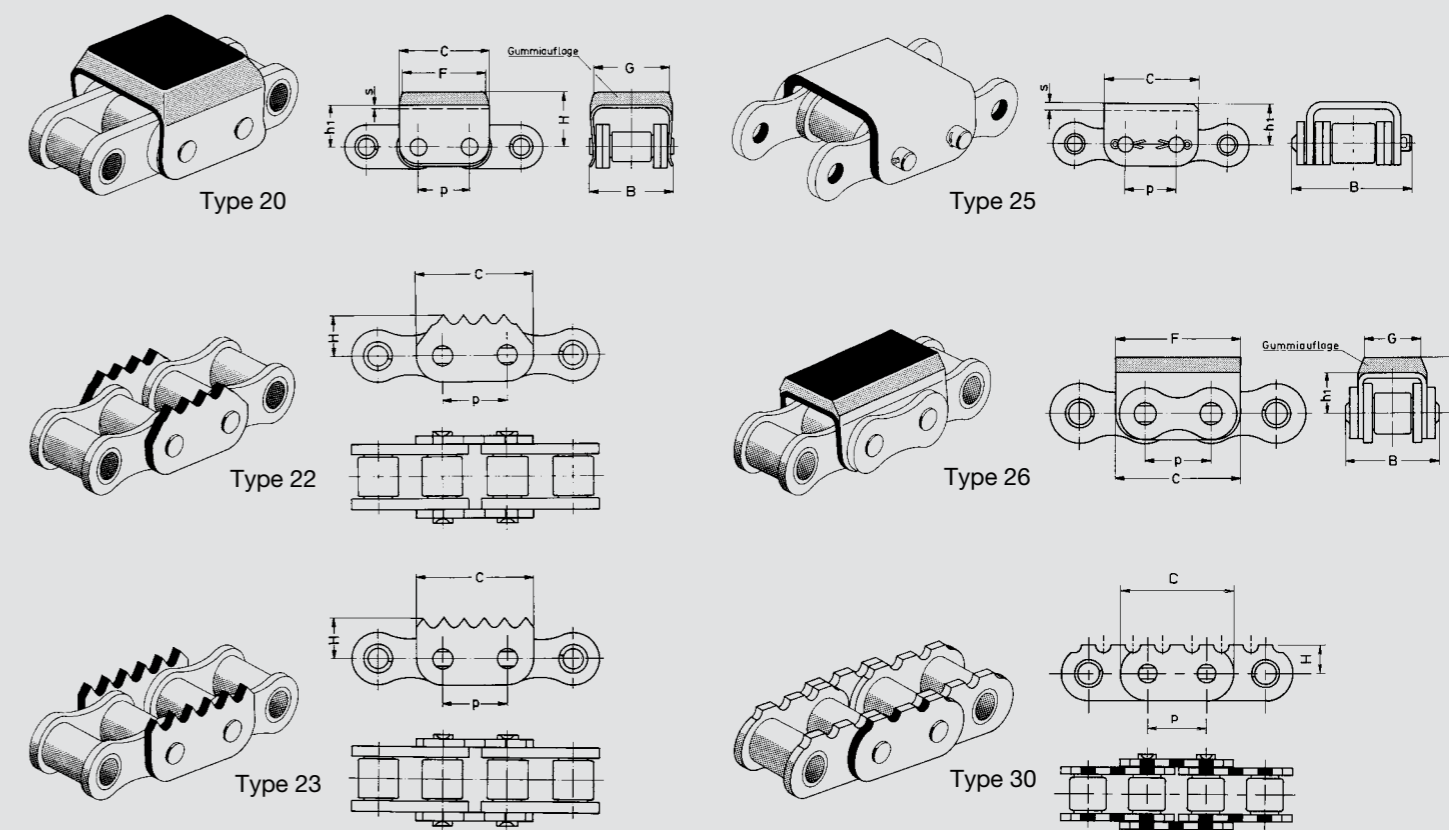


Technical drawing of hollow pin chain with three different designs of pin ovens. Measurement L and equivalent design determined on agreement.

| Chain no. | pitch p | | Roller width, b ¹ min. | Roller diameter, d ¹ max. | Pin diameter, d ² max. | Hollow pin inner diameter, d ³ min. | Roller link width, b ² max. | Link plate height, g | Pin length, a ¹ max. | Overall width, a ³ max. | Bearing area, A | Min. ultimate strength according to DIN / ISO, F _B | Weight | curved wire |
|--|---------|--------|-----------------------------------|--------------------------------------|-----------------------------------|--|--|----------------------|---------------------------------|------------------------------------|-----------------|---|--------|-------------|
| | inch | mm | | | | | | | | | | | | |
| Single Hollow pin Roller Chain, Main dimensions acc. to ISO 606, European and American Standard | | | | | | | | | | | | | | |
| 10 B - 1 HB | 5/8" | 15,875 | 9,65 | 10,16 | 5,94 | 4 | 13,9 | 14,7 | 19,3 | 21,1 | 1,14 | 17 000 | 0,8 | |
| 12 B - 1 HB | 3/4" | 19,05 | 11,68 | 12,07 | 6,5 | 4 | 16,3 | 15,9 | 22,4 | 24 | 1,06 | 21 000 | 1,1 | |
| 08 A - 1 HB | 1/2" | 12,7 | 7,85 | 7,95 | 5,72 | 4 | 11,9 | 11,6 | 17,1 | 18,5 | 0,68 | 10 000 | 0,53 | |
| 12 A - 1 HB | 3/4" | 19,05 | 12,57 | 11,91 | 7 | 5 | 18,65 | 17,7 | 26,3 | 27,2 | 1,3 | 20 000 | 1,32 | |
| 16 A - 1 HB | 1 | 25,4 | 15,75 | 15,88 | 11,67 | 8 | 22,5 | 23,7 | 32,6 | 33,7 | 2,63 | 59 000 | 2,4 | |
| Double Hollow pin Roller Chain, Main dimensions acc. to ISO 606, European Standard DIN 8187 | | | | | | | | | | | | | | |
| 10 B - 2 HB | 5/8" | 15,875 | 9,65 | 10,16 | 5,94 | 4 | 13,9 | 14,7 | 37,3 | 39 | 2,08 | 33 500 | 1,6 | |
| 12 B - 2 HB | 3/4" | 19,05 | 11,68 | 12,07 | 6,5 | 4 | 16,3 | 15,9 | 43 | 45 | 2,12 | 42 500 | 2,2 | |
| Sidebow Roller Chains | | | | | | | | | | | | | | |
| 63 SS | 3/4" | 19,05 | 18,7 | 11,91 | 5,08 | | 12,6 | 15,2 | 29,1 | 27,1 | 0,89 | 14 000 | 0,832 | 356 |
| Single and Multiple Roller chains, European Standard DIN 8187, American Standard DIN 8188 | | | | | | | | | | | | | | |
| 08 B | 1/2" | 12,7 | 7,75 | 8,51 | 4,45 | | 11,3 | 11,6 | 17,0 | 19,0 | 0,50 | 18 000 | 0,7 | |
| 10 B | 5/8" | 15,875 | 9,65 | 10,16 | 5,08 | | 13,28 | 14,6 | 19,6 | 22,0 | 0,67 | 22 400 | 0,9 | |
| 12 B | 3/4" | 19,05 | 11,68 | 12,07 | 5,72 | | 15,62 | 15,9 | 22,7 | 25,1 | 0,89 | 29 000 | 1,15 | |
| 12 A | 3/4" | 19,05 | 12,57 | 11,91 | 5,94 | | 17,7 | 17,7 | 25,7 | 28,6 | 1,05 | 31 800 | 1,48 | |

Further designs on request!

Typical Attachments for the Timber Industry



Timber Industry – High Functionality and Reliability

For almost all areas of wood-working, Rexnord offers the correct solution with a variety of attachments.

For molding and trimming technology, a wide range of jagged connecting plates and special attachments for secure transport is available. A rate of feed of up to 150 meters per minute can be achieved with Rexnord's high performance roller chains. Serrated plates, arranged in different designs provide each individual job with a high or very low friction coefficient between transport goods and chains.

In the fields of high speed board conveyance and grading plants, Rexnord chains prove themselves through strong, wear-resistant surfaces and joints. The highest operational stability is achieved through an optimal tight fit, as well as through a high impact load. For sensitive surfaces, Rexnord offers rubberized clamps,

high performance roller chains with straight plates, or the Rexnord Chain Click System.

Rexnord roller chains not only provide solutions for high-speed applications, but can also meet other demanding requirements. For exact positioning and manipulation of various products, Rexnord high performance roller chains can be aligned with one another in pairs or in groups. Chains which are set parallel to one another can therefore be guaranteed to have even load distribution within the chain strand. An inspection of the amount of twist present in long conveying lines satisfies every requirement of the product profile.

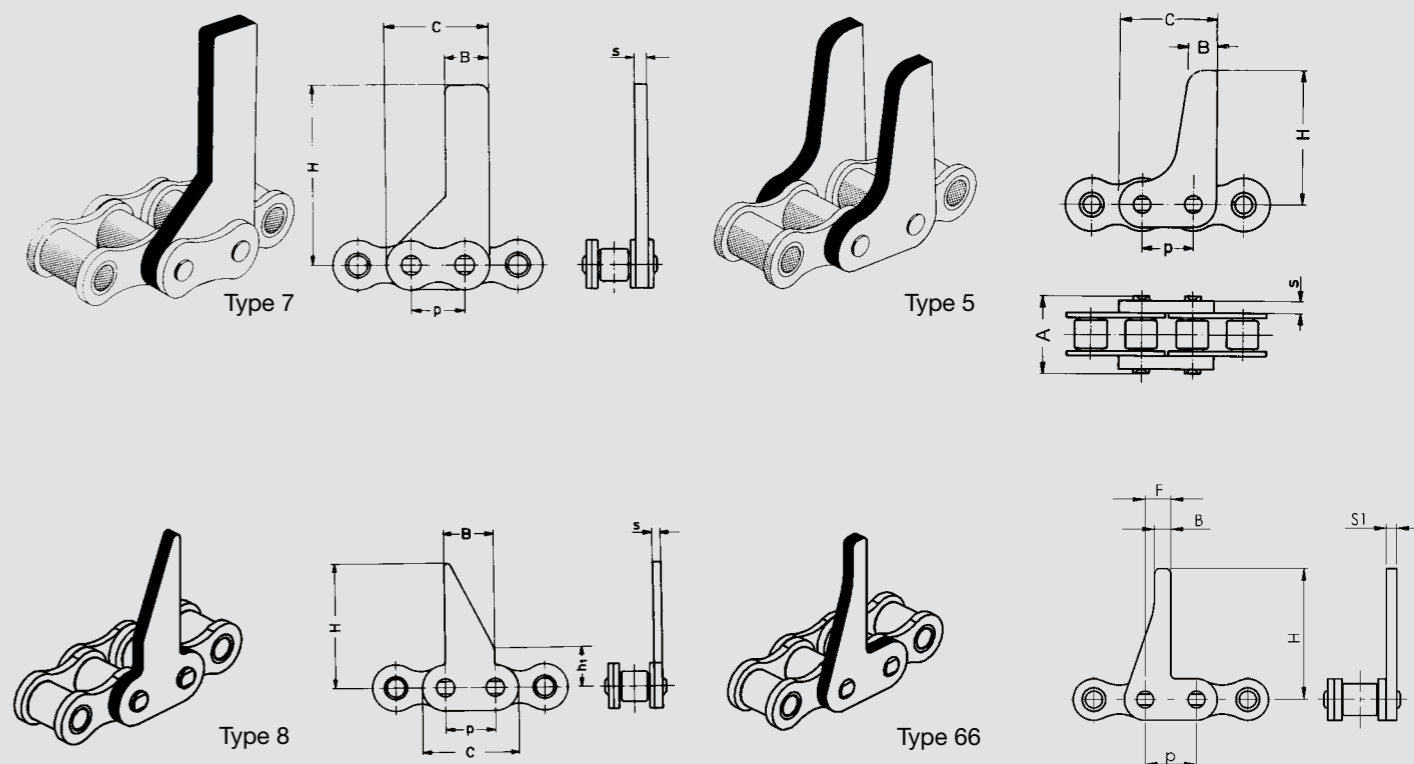
The Rexnord consulting team will also offer you support in choosing the appropriate lubrication specifically for the timber industry. Therefore, you can use chains with a dry wax lubrication, as well as chains which are sparingly externally lubricated.

| Type of Attachment | Chain description | Name of attachment | | Pitch | | A Distance from fixing hole to middle of chain | B Width | C Length of the attachment | D Diameter of fixing hole | F Length of attachment protrusion | G Width of attachment protrusion | H Height of the attachment | h ₁ Height of fixing hole, exterior | h ₂ Height of fixing hole, interior | s ₁ Thickness of material, outer | s ₂ Thickness of material, inner |
|--------------------|--------------------|--------------------|----------|-------|-------|---|------------|-------------------------------|------------------------------|--------------------------------------|-------------------------------------|-------------------------------|---|---|--|--|
| | | outer | inner | mm | inch | | | | | | | | | | | |
| 20 | 08 B-2 | Z 232* | | 12,7 | ½" | | 33,5 | 24 | | | | | 8,5 | | 0,8 | |
| 20 | 08 B-2 | Z 299 | | 12,7 | ½" | | 33,5 | 24 | | 23 | 24 | 12,5 | 8,5 | | 0,8 | |
| 20 | 08 B-2 | Z 332*** | | 12,7 | ½" | | 33,5 | 24 | | 18 | 21 | 12,5 | 8,5 | | 0,8 | |
| 20 | 20-1 | Z 474* | | 20 | 0,787 | | 35,5 | 36 | | 31 | 27 | 21 | 16 | | 1,2 | |
| 20 | 20-1 | Z 528 | | 20 | 0,787 | | 35,5 | 36 | | | | | 16 | | 1,2 | |
| 22 | 16 B-1 | M 506 | | 25,4 | 1" | | | 46 | | | | 15,9 | | | 3,1 | |
| 23 | 16 B-1 | M 516 | | 25,4 | 1" | | | 46 | | | | 15,9 | | | 3,1 | |
| 23 | 20 B-1 | M 76138 | | 31,75 | 1 ¼" | | | 47 | | | | 20 | | | 3,5 | |
| 25 | 20-1 (old: Re 487) | Z 186 | | 20 | 0,787 | | 29,5 | 36 | | | | | 16 | | 3 | |
| 26 | 16 A-1 | Z 530* | | 25,4 | 1" | | | 48 | | 48 | 22 | 21,5 | 15,5 | | 2 | |
| 26 | 16 A-1 | Z 329** | | 25,4 | 1" | | | 48 | | 48 | 22 | 23,6 | 15,6 | | 1,95 | |
| 30 | 16 B-1 | M 1797 | M 1796 | 25,4 | 1" | | | 45,7 | | | 12,65 | 12 | | | 3 | 3,75 |
| 30 | 32 B-1 | M 117609 | M 117610 | 50,8 | 2" | | | 92,7 | | | 12,7 | 30 | | | 6,3 | 7 |
| 30 | 12 A-1 | M 498 | M499 | 19,05 | ¾" | | | 36,6 | | | 9,5 | 9,2 | | 2,4 | | |
| 30 | 20 A-1 | M 87531 | M 87532 | 31,75 | 1 ¼" | | | 61 | | | 10,6 | 18,4 | | | 4 | 4 |
| 30 | 24 A-1 | M 111596 | | 38,1 | 1 ½" | | | 72,8 | | | 12,7 | 21,1 | | | 9,4 | |
| 30 | 24 A-1 | M 111594 | | 38,1 | 1 ½" | | | 72,8 | | | 12,7 | 21,1 | | | 10 | |
| 30 | 24 A-1 | M 704 | M 705 | 38,1 | 1 ½" | | | 72,8 | | | 12,7 | 21,1 | | | 4,7 | 4,7 |

* without rubber top
 ** rubber top in black. Also available in light-beige (designation of attachment: Z 16214), white (Z 1051) or dark grey (Z 951).
 *** rubber top in beige. Also available in black (Z 1006) or light-grey (Z 1087).
 **** rubber top in beige. (Further designs on request)!



Typical Attachments for the Food Industry



Food Industry

Rexnord roller chains can be found in many applications, including many areas of the food industry.

For many years, Rexnord chains have been effectively implemented for various uses in bottling plants, creameries, smoke houses, or in fish processing. Moreover, Rexnord chains are being used in refrigerated warehouses and in ovens in the bread making industry.

Rexnord chains are therefore able to satisfy your most important requirements.

Continuous further development, joint cooperation with customers in formulating new drive and conveying concepts, as well as the design of new attachment types, offers the basis for long lasting collaboration.

High precision of individual components paired with matching roller chains, minor tolerance and elasticity, high hygiene standards, as well as high equipment availability, illustrate purchasing decision requirements in application areas of the food industry

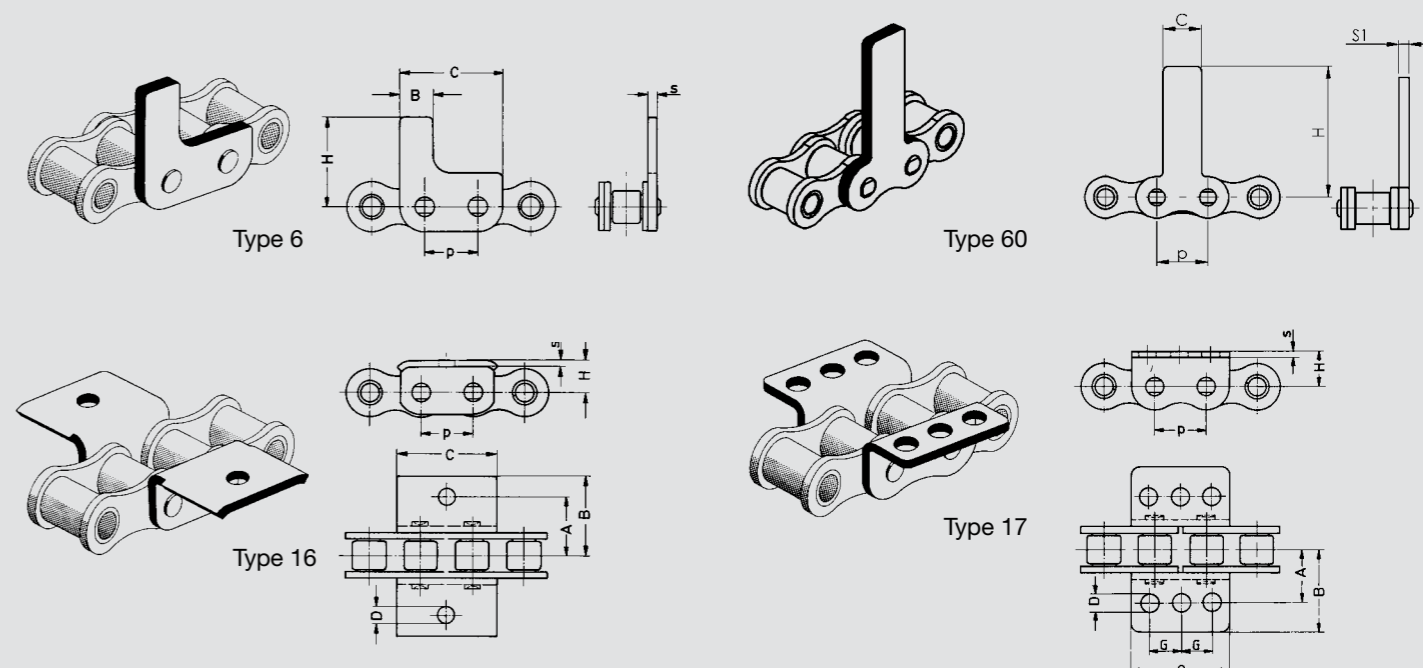
The corresponding lubrication with H1 registration, appropriate for high and low temperatures, along with corrosion resistant surfaces, and finally, the impressive wear characteristics of chain links, round out the overall profile of Rexnord chains for the food industry.

Experience, which we have gained through numerous varying applications, make us the most competent partner for food and beverage technology.

| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|--------------------|-------------------|--------------------|-------|--------|--------|---|------|------|---|------|---|----|----------------|----------------|----------------|----------------|
| | | outer | inner | mm | inch | | | | | | | | | | | |
| 5 | 10 B-1 | M 316 | | 15,875 | 5/8" | | | 29,8 | | | | 41 | | | 4 | |
| 7 | 12 B-1 | M 416 | | 19,05 | 3/4" | | | 35 | | | | 70 | | | 5,5 | |
| 7 | 12 B-1 | M 115098 | | 19,05 | 3/4" | | | 35 | | | | 48 | | | 5,5 | |
| 7 | 12 B-1 | M 110678 | | 19,05 | 3/4" | | | 35 | | | | 70 | | | 5,5 | |
| 8 | 16 B-1 | M 158 | | 25,4 | 1" | | 25,0 | 46 | | | | 50 | 20 | | 5 | |
| 8 | 16 B-1 | M 184 | | 25,4 | 1" | | 25,0 | 46 | | | | 55 | 20 | | 5 | |
| 8 | 16 B-1 | M 185 | | 25,4 | 1" | | 25,0 | 46 | | | | 45 | 20 | | 5 | |
| 8 | 16 B-1 | M 515 | | 25,4 | 1" | | 25,0 | 46 | | | | 65 | 20 | | 5 | |
| 66 | 212 A | M 832 | | 38,1 | 1 1/2" | | 8 | | | 19,5 | | 80 | | | 5 | |
| 66 | 212 A | M 151 | | 38,1 | 1 1/2" | | 10 | | | 15 | | 40 | | | 5 | |

Further designs on request!

Typical Attachments for the Packaging Industry



Packaging Industry

Rexnord Chains have also proven themselves to be effective when used in the packaging industry.

The role of conveying chains, which are used to transfer pieces from containers during production or for positioning from foil, can be filled by Rexnord chains.

In the packaging industry, high work cycle accuracy, low elasticity, equipment availability and absolute operational safety are demanded. Non-drip, ex-works, special lubrication is an important prerequisite in order to ensure consistently high product quality.

In addition, the rigorous requirements demanded by reversing service, high acceleration or start/stop service show the high fatigue strength of Rexnord chains.

Many different solutions have already been successfully implemented in the packaging industry with Rexnord high performance roller chains. They are able to fulfill the highest quality standards demanded by customers.

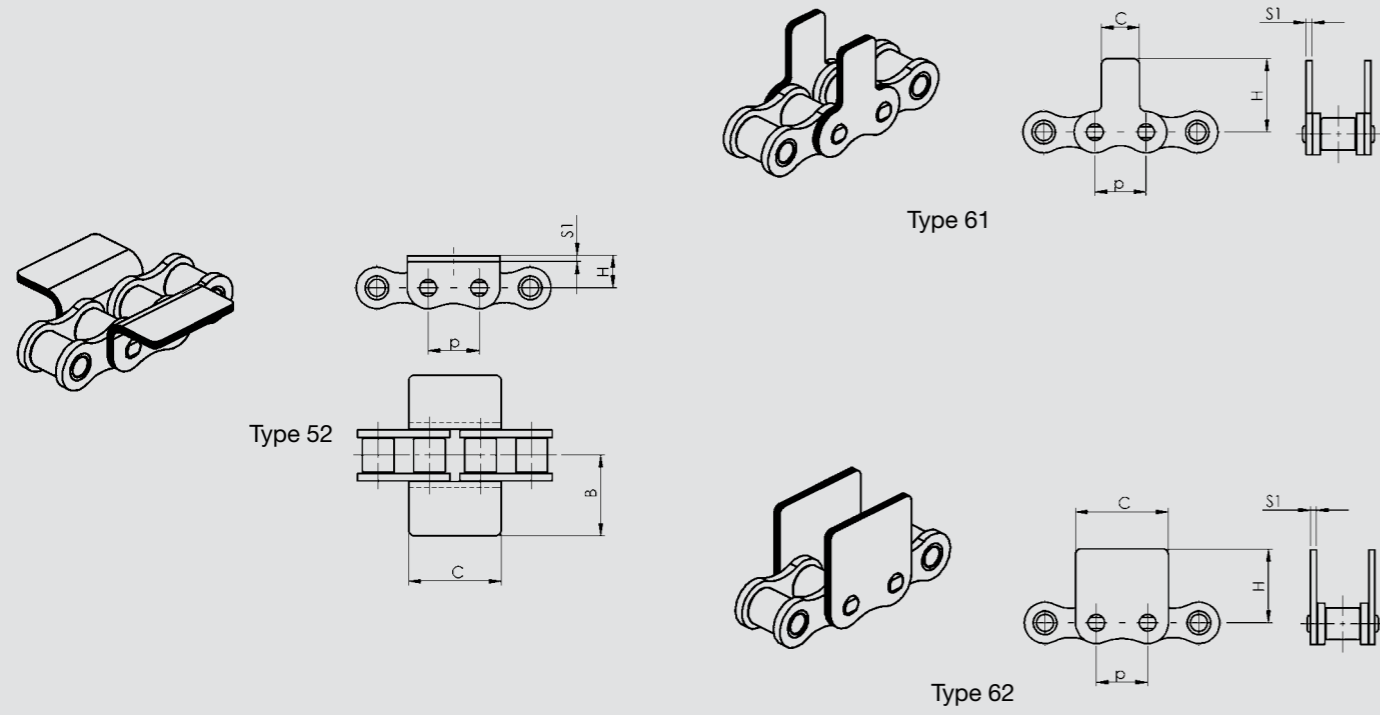
Through the continuous further development of our production and the further optimization of all components, the quality of Rexnord products is continually improved. Therefore, Rexnord Kette and its customers will always be prepared for any challenges that may arise in the future.

Because of the modular construction of a roller chain, the simple assembly of various special attachments can be guaranteed, allowing for the realization of solutions for nearly every application, as well as a minimization of costs.

| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|--------------------|-------------------|--------------------|-------|--------|-------|------|------|------|-----|-----|------|------|----------------|----------------|----------------|----------------|
| | | outer | inner | mm | inch | | | | | | | | | | | |
| 6 | 10 B-1 | M 328 | | 15,875 | 5/8" | | | | | | | 26,5 | | | 3,05 | |
| 16 | 20-1 (Re 487) | W 470 | | 20 | 0,787 | | 36,8 | 35 | | | | 11 | | | 3,05 | |
| 16 | 20-1 (Re 487) | W 472 | | 20 | 0,787 | 28 | 36,8 | 35 | 6,6 | | | 11 | | | 3,05 | |
| 17 | 08 B-1 | W 112568 | | 12,7 | 1/2" | 16,4 | 24 | 24,4 | 6,6 | 2,5 | 8,75 | 8 | | | 1,6 | |
| 17 | 12 B-1 | W 107157 | | 19,05 | 3/4" | 18,6 | 26 | 35,2 | 6,6 | 2,5 | 8,75 | 11,5 | | | 1,8 | |
| 17 | 16 B-1 BG | W 536 | | 25,4 | 1" | 18,6 | 25,8 | 35 | 6,6 | | 11 | 11,2 | | | 3,05 | |
| 17 | 12 A-1 | W 424* | | 19,05 | 3/4" | 19,5 | 26,7 | 36 | 6,6 | | 11,5 | 11,5 | | | 2,4 | |
| 60 | 16 B-1 | M 71740 | | 25,4 | 1" | | | 25 | | | | 90 | | | 5 | |
| 60 | 20-1 (Re 487) | M 64617 | | 20 | 0,787 | | | 20 | | | | 50 | | | 3,9 | |
| 60 | 20-1 (Re 487) | M 60121 | | 20 | 0,787 | | | 20 | | | | 54 | | | 3,9 | |

* Also available for double-pitch roller chains. Further designs on request!

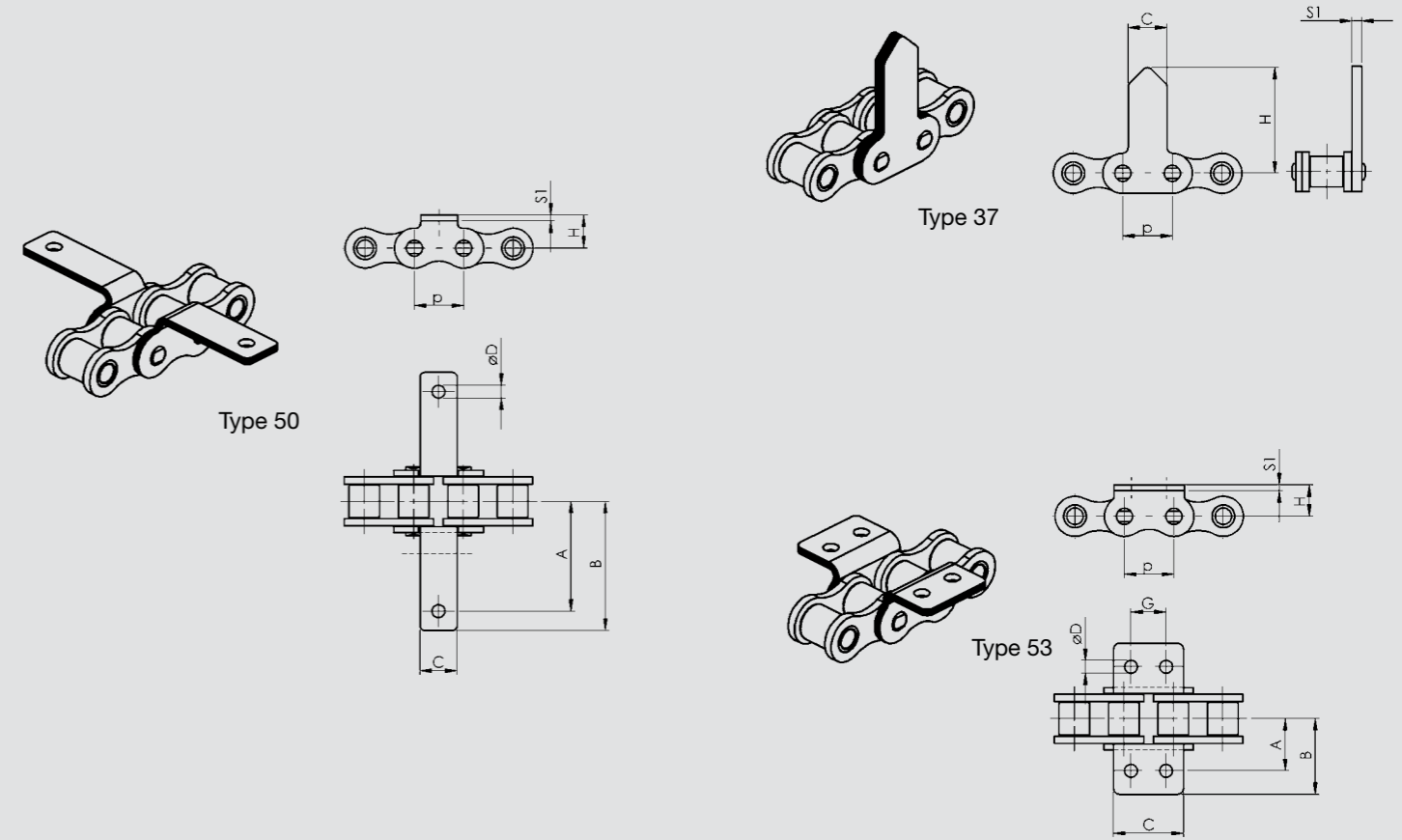
Special Attachments



| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h1 | h2 | s1 | s2 |
|--------------------|-------------------|--------------------|-------|--------|-------|---|------|------|---|---|---|------|----|----|-----|----|
| | | outer | inner | mm | inch | | | | | | | | | | | |
| 52 | 12 B-1 | W 454 | | 19,05 | ¾" | | 29,8 | 35,2 | | | | 11,9 | | | 1,8 | |
| 61 | 08 B-1 | M262 | | 12,7 | ½" | | | 10,6 | | | | 19 | | | 1,6 | |
| 61 | 10 B-1 | M 124942 | | 15,875 | ⅝" | | | 10 | | | | 18 | | | 1,6 | |
| 61 | 20-1 (Re 487) | M 456 | | 20 | 0,787 | | | 20 | | | | 45 | | | 3,9 | |
| 61 | 20-1 (Re 487) | M 464 | | 20 | 0,787 | | | 20 | | | | 39 | | | 3,9 | |
| 61 | 16 B-1 | M 548 | | 25,4 | 1" | | | 25 | | | | 65 | | | 5 | |
| 61 | 216 B | M 836 | | 50,8 | 2" | | | 39,8 | | | | 39,8 | | | 3,1 | |
| 62 | 08 B-1 | M 112548 | | 12,7 | ½" | | | 23,2 | | | | 16 | | | 1,6 | |

Further designs on request!

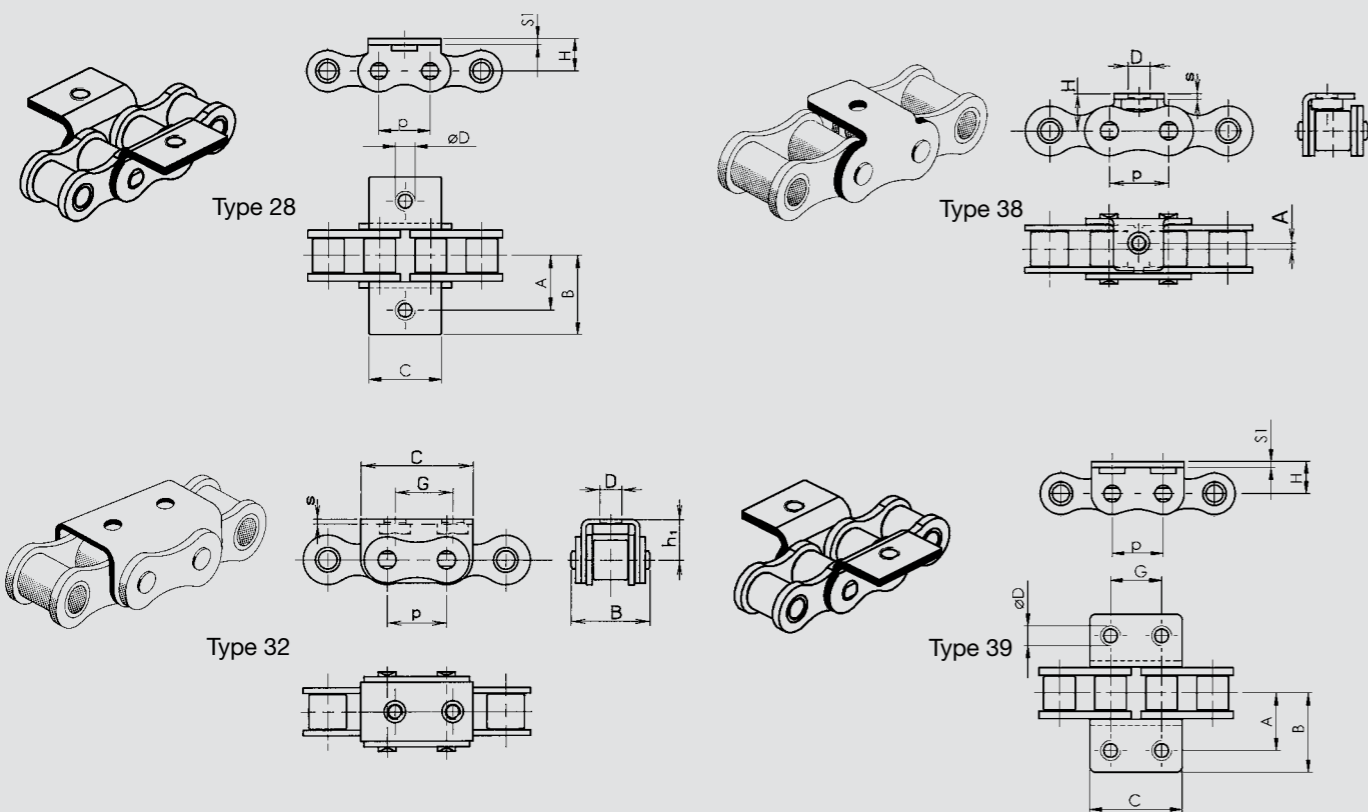
Special Attachments



| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h1 | h2 | s1 | s2 |
|--------------------|-------------------|--------------------|---------|--------|-------|------|------|----|-----|---|------|------|----|----|------|----|
| | | outer | inner | mm | inch | | | | | | | | | | | |
| 37 | 20-1 (Re 487) | M 462 | | 20 | 0,787 | | | 20 | | | | 64,5 | | | 3,9 | |
| 50 | 08 B-1 | W 68905 | | 12,7 | ½" | 23,8 | 32,2 | 13 | 6,2 | | | 8,5 | | | 1,6 | |
| 50 | 10 B-1 | W 68920 | | 15,875 | ⅝" | 24,8 | 33,3 | 15 | 6,2 | | | 10,3 | | | 1,6 | |
| 53 | 212 A H SS | W 111173 | | 38,1 | 1 ½" | 21,5 | 31 | 28 | 5,1 | | 14,4 | 14,7 | | | 3,05 | |
| 53 | 212 A H SS | W 16687 | | 38,1 | 1 ½" | 21,5 | 33,1 | 28 | 5,1 | | 14,4 | 14,7 | | | 3,05 | |
| 53 | 212 A H SS | | W 17189 | 38,1 | 1 ½" | 21,5 | 29,6 | 28 | 5,1 | | 14,4 | 14,7 | | | 3,05 | |
| 53 | 212 B | W 678 | | 38,1 | 1 ½" | 17,6 | 31,5 | 28 | 6,6 | | 15 | 12,2 | | | 1,8 | |

Further designs on request!

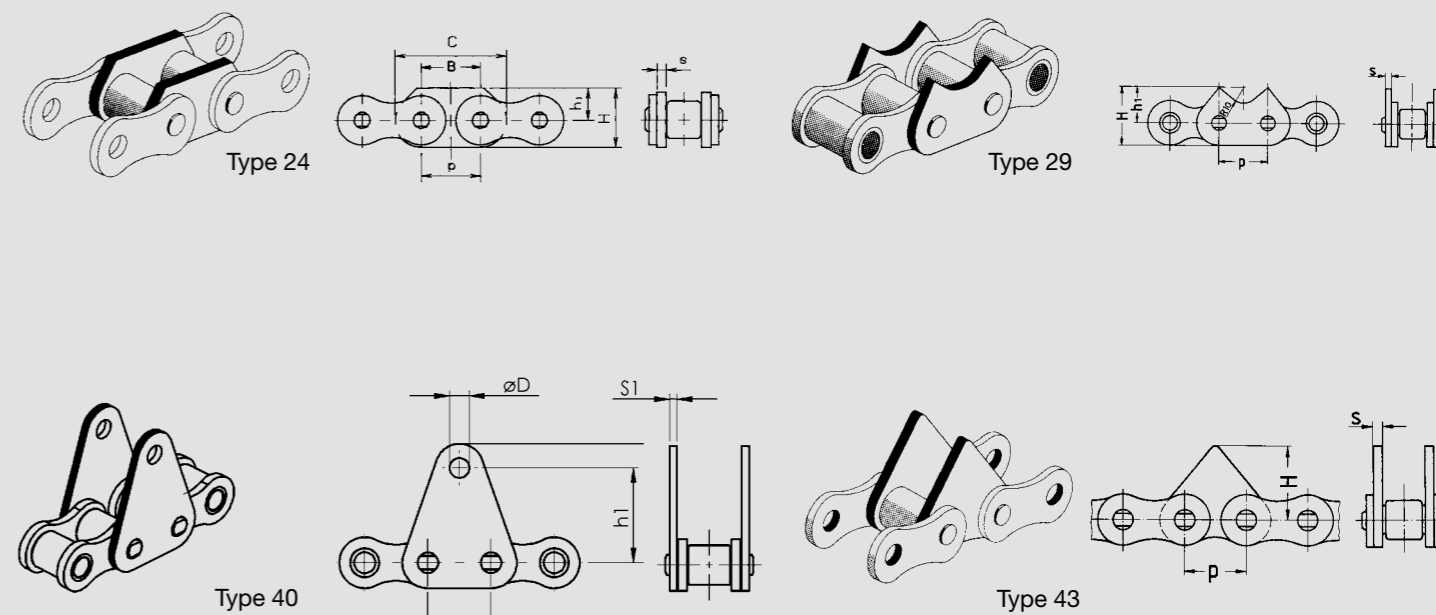
Special Attachments with threaded hole



| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|--------------------|-------------------|--------------------|-------|--------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |
| 28 | 08 B-1 | W 109747M5 | | 12,7 | ½" | 13,8 | 20,1 | 17,9 | M5 | | | 8 | | | 1,6 | |
| 28 | 10 B-1 | W 324M6 | | 15,875 | ⅝" | 15,4 | 23,5 | 12,5 | M6 | | | 10,3 | | | 2 | |
| 28 | 12 B-1 | W 107737 M5 | | 19,05 | ¾" | 17,7 | 28 | 16 | M5 | | | 11,9 | | | 1,8 | |
| 28 | 16 B-1 | W 596M8 | | 25,4 | 1" | 29 | 38 | 24 | M8 | | | 18 | | | 3,05 | |
| 28 | 16 B-1 | W 510M6 | | 25,4 | 1" | 27 | 39,5 | 36 | M6 | | | 15,9 | | | 3,05 | |
| 28 | 16 B-1 | W 508M8 | | 25,4 | 1" | 27 | 39,5 | 36 | M8 | | | 15,9 | | | 3,05 | |
| 28 | 08 B-1 SS | W 104533M4 | | 12,7 | ½" | 13,2 | 19,7 | 10,6 | M4 | | | 8,5 | | | 1,6 | |
| 32 | 16 A-1 | Z 433 | | 25,4 | 1" | | 36,9 | 48 | M 6 | 24 | | 15,5 | | | 2 | |
| 38 | 08 B-1 SS | W 104533M4 | | 12,7 | ½" | 0 | | | M4 | | | 8,5 | | | 1,6 | |
| 38 | 16 B-1 | W 508M8 | | 25,4 | 1" | 1,9 | | | M8 | | | 15,9 | | | 3 | |
| 39 | 10 B-1 | W 122183M5 | | 15,875 | ⅝" | 15 | 21,1 | 28,6 | M5 | 15,8 | | 10,3 | | | 1,6 | |
| 39 | 12 B-1 | W 114303M6 | | 19,05 | ¾" | 18 | 27,7 | 35,2 | M6 | 19,05 | | 11,9 | | | 1,8 | |

Further designs on request!

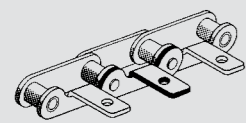
Special Attachments



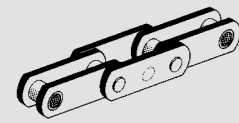
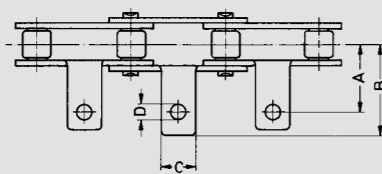
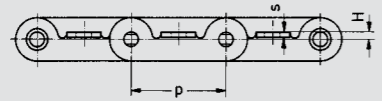
| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|--------------------|-------------------|--------------------|-------|-------|------|--|------------------------------|-------------------------|-------------------------|---------------------------------|-------------------------|--------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|
| | | outer | inner | mm | inch | Distance from fixing hole to middle of chain | Width to the middle of chain | Width of the attachment | Diameter of fixing hole | Length of attachment protrusion | Space between the holes | Height of the attachment | Height of fixing hole, exterior | Height of fixing hole, interior | Thickness of material, outer | Thickness of material, inner |
| 24 | 24 B-1 | | M 701 | 38,1 | 1 ½" | | 38,1 | 72,9 | | | | 38,8 | 21,1 | | | 6 |
| 29 | 24 A-1 | M 614 | | 38,1 | 1 ½" | | | | | | | 37,5 | | | 4 | |
| 40 | 08 B-1 | M 240 | | 12,7 | ½" | | | 3,9 | | | | 17 | 12 | | 3,5 | |
| 43 | 16 B-1 | | M 529 | 25,4 | 1" | | | | | | | 30,8 | | | | 3,75 |

* Intermediate plate for Multiple Strand Roller Chains.

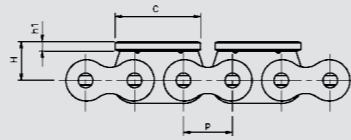
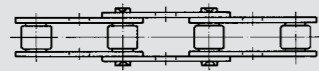
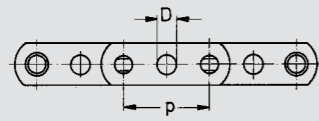
Further designs on request!



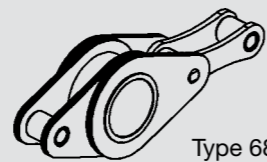
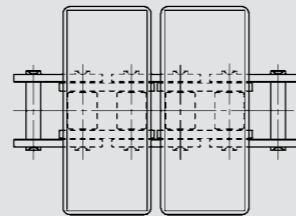
Type 19



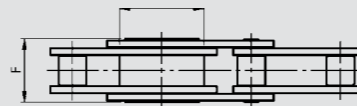
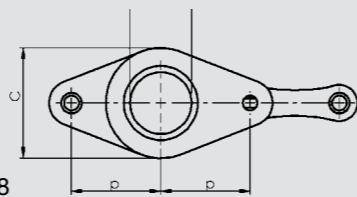
Type 31



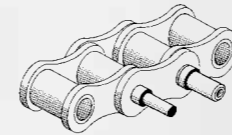
Type 67



Type 68



We specialise in these...



Type 44

Our Type 44 Attachment covers a range of special extended pins - examples are shown below. Whilst we do have a specific range available which could satisfy your needs, please contact us with details of your individual requirements.

| Type of Attachment | Chain description | Name of attachment | | Pitch | | A | B | C | D | F | G | H | h ₁ | h ₂ | s ₁ | s ₂ |
|--------------------|--------------------------|--------------------|-------|-------|-------|---|---|----|--------|----|----|------|----------------|----------------|----------------|----------------|
| | | outer | inner | mm | inch | | | | | | | | | | | |
| 31 | 216 A H GL (C 2080 H) | L270 | | 50,8 | 2" | | | | 7,8 | | | | | | 4 | |
| 67 | BCK 20-1* | | M 485 | 20 | 0,787 | | | 32 | | | | 14,6 | 2,6 | | | 3 |
| 67 | BCK 20-1* | | M 487 | 20 | 0,787 | | | 32 | | | | 14,6 | 2,6 | | | 3,1 |
| 68 | 216 B H | BU 226 | | 50,8 | 2" | | | 63 | 35 D12 | 36 | 48 | | | | 3,9 | 3,9 |

* available as Bushing Chain or Roller Chain.

Further designs on request!



... Have a word with us!