

Renold Stainless Steel roller chains are manufactured using Class-300 series stainless steel. These chains are ideal in acidic or alkaline environments, or when the chain will be exposed to water, and in very high or very low temperatures, where resistance to corrosion is a requirement.

Choose Renold Stainless Steel chain when resistance to chemical action is critical. The chain is manufactured using FDA-approved material and is prelubricated with USDA H-approved lubricant.

Stainless Steel ANSI Single-Strand Roller Chain

Dimensions are in inches unless otherwise indicated.

| Chain No. | Pitch | Inside Width Min | Roller Diam Max | Plate Height Max | Inner Plate Thick Max | Outer Plate Thick Max | Pin Diam Max | Pin Length Max | Conn Link Extra Max | Trans Pitch | Tensile Strength Min | Rated Working Load | | Weight |
|-----------|-------|------------------|-----------------|------------------|-----------------------|-----------------------|--------------|----------------|---------------------|-------------|----------------------|--------------------|-------|--------|
| | | | | | | | | | | | | 300SS 316SS | 600SS | |
| | A | B | C | D | E | F | G | H | J | K | Lbs | Lbs | Lbs | Lbs/Ft |
| *25SS | 0.250 | 0.122 | 0.130 | 0.237 | 0.030 | 0.030 | 0.091 | 0.359 | 0.031 | — | 562 | 50 | — | 0.09 |
| *35SS | 0.375 | 0.184 | 0.200 | 0.356 | 0.049 | 0.049 | 0.141 | 0.472 | 0.043 | — | 1,708 | 115 | 160 | 0.22 |
| 40SS | 0.500 | 0.309 | 0.312 | 0.475 | 0.061 | 0.061 | 0.157 | 0.646 | 0.055 | — | 2,403 | 190 | 260 | 0.40 |
| 50SS | 0.625 | 0.370 | 0.400 | 0.594 | 0.080 | 0.080 | 0.200 | 0.803 | 0.043 | — | 3,779 | 300 | 410 | 0.67 |
| 60SS | 0.750 | 0.495 | 0.469 | 0.713 | 0.094 | 0.094 | 0.235 | 0.996 | 0.043 | — | 6,744 | 450 | 620 | 1.01 |
| 80SS | 1.000 | 0.620 | 0.625 | 0.950 | 0.128 | 0.128 | 0.313 | 1.287 | 0.118 | — | 11,465 | 770 | 1,040 | 1.74 |
| 100SS | 1.250 | 0.744 | 0.750 | 1.188 | 0.160 | 0.160 | 0.376 | 1.563 | 0.165 | — | 13,713 | 1,130 | 1,530 | 2.81 |
| 120SS | 1.500 | 0.993 | 0.875 | 1.425 | 0.189 | 0.189 | 0.437 | 1.941 | 0.209 | — | 20,906 | 1,700 | 2,300 | 3.82 |

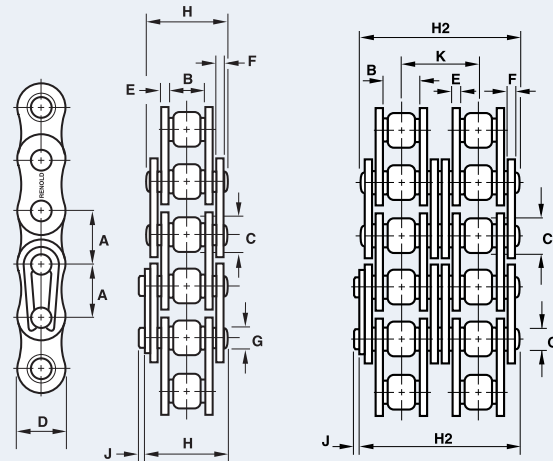
Stainless Steel ANSI Double-Strand Roller Chain

| Chain No. | Pitch | Inside Width Min | Roller Diam Max | Plate Height Max | Inner Plate Thick Max | Outer Plate Thick Max | Pin Diam Max | Pin Length Max | Conn Link Extra Max | Trans Pitch | Tensile Strength Min | Rated Working Load | | Weight |
|-----------|-------|------------------|-----------------|------------------|-----------------------|-----------------------|--------------|----------------|---------------------|-------------|----------------------|--------------------|-------|--------|
| | | | | | | | | | | | | 300SS 316SS | 600SS | |
| | A | B | C | D | E | F | G | H2 | J | K | Lbs | Lbs | Lbs | Lbs/Ft |
| *35-2SS | 0.375 | 0.184 | 0.200 | 0.356 | 0.049 | 0.049 | 0.141 | 0.874 | 0.043 | 0.399 | 3,417 | 230 | 320 | 0.47 |
| 40-2SS | 0.500 | 0.309 | 0.312 | 0.475 | 0.061 | 0.061 | 0.157 | 1.213 | 0.055 | 0.566 | 5,267 | 380 | 520 | 0.92 |
| 50-2SS | 0.625 | 0.370 | 0.400 | 0.594 | 0.080 | 0.080 | 0.200 | 1.512 | 0.043 | 0.713 | 6,616 | 600 | 820 | 1.21 |
| 60-2SS | 0.750 | 0.495 | 0.469 | 0.713 | 0.094 | 0.094 | 0.235 | 1.894 | 0.043 | 0.897 | 8,381 | 900 | 1,240 | 1.61 |
| 80-2SS | 1.000 | 0.620 | 0.625 | 0.950 | 0.128 | 0.128 | 0.313 | 2.437 | 0.118 | 1.153 | 22,705 | 1,540 | 2,080 | 3.35 |

*Rollerless Chain

Stainless Steel Chain

Stainless Steel British Standard roller chain is made in accordance with ISO 606 B, BS 228, and DIN 8187 European standards. These chains resemble standard ANSI roller chains, but are dimensionally different and in general do NOT operate over standard ANSI sprockets. Renold Stainless Steel British Standard roller chains are made with the same unique features and incorporate all the design advantages of Stainless Steel ANSI chains.



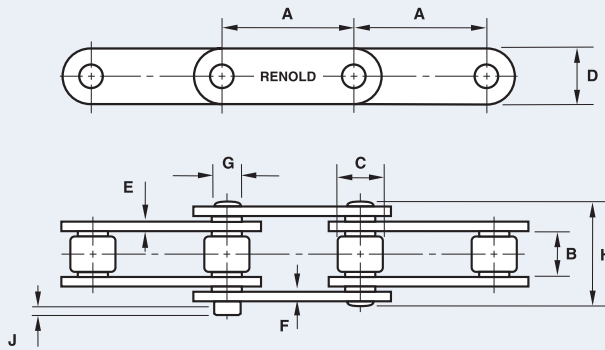
Stainless Steel British Standard Single-Strand Roller Chain

Dimensions are in inches unless otherwise indicated.

| Chain No. | Pitch | Inside Width Min | Roller Diam Max | Plate Height Max | Inner Plate Thick Max | Outer Plate Thick Max | Pin Diam Max | Pin Length Max | Conn Link Extra Max | Trans Pitch | Tensile Strength Min | Rated Working Load | | Weight |
|-----------|-------|------------------|-----------------|------------------|-----------------------|-----------------------|--------------|----------------|---------------------|-------------|----------------------|--------------------|-------|--------|
| | | | | | | | | | | | | 300SS 316SS | 600SS | |
| | A | B | C | D | E | F | G | H | J | K | Lbs | Lbs | Lbs | Lbs/Ft |
| 06BSS | 0.375 | 0.225 | 0.250 | 0.325 | 0.051 | 0.041 | 0.129 | 0.492 | 0.051 | — | 1,540 | 55 | 75 | 0.27 |
| 08BSS | 0.500 | 0.305 | 0.335 | 0.465 | 0.061 | 0.061 | 0.175 | 0.669 | 0.059 | — | 2,698 | 110 | 150 | 0.47 |
| 10BSS | 0.625 | 0.380 | 0.400 | 0.580 | 0.061 | 0.061 | 0.200 | 0.740 | 0.051 | — | 3,305 | 150 | 200 | 0.64 |
| 12BSS | 0.750 | 0.460 | 0.475 | 0.635 | 0.071 | 0.071 | 0.225 | 0.862 | 0.043 | — | 4,190 | 195 | 265 | 0.84 |
| 16BSS | 1.000 | 0.670 | 0.625 | 0.830 | 0.162 | 0.122 | 0.326 | 1.374 | 0.087 | — | 9,702 | 465 | 625 | 1.81 |

Stainless Steel British Standard Double-Strand Roller Chain

| Chain No. | Pitch | Inside Width Min | Roller Diam Max | Plate Height Max | Inner Plate Thick Max | Outer Plate Thick Max | Pin Diam Max | Pin Length Max | Conn Link Extra Max | Trans Pitch | Tensile Strength Min | Rated Working Load | | Weight |
|-----------|-------|------------------|-----------------|------------------|-----------------------|-----------------------|--------------|----------------|---------------------|-------------|----------------------|--------------------|-------|--------|
| | | | | | | | | | | | | 300SS 316SS | 600SS | |
| | A | B | C | D | E | F | G | H2 | J | K | Lbs | Lbs | Lbs | Lbs/Ft |
| 06B-2SS | 0.375 | 0.225 | 0.250 | 0.325 | 0.051 | 0.041 | 0.129 | 0.906 | 0.051 | 0.403 | 2,731 | 110 | 150 | 0.52 |
| 08B-2SS | 0.500 | 0.305 | 0.335 | 0.465 | 0.061 | 0.061 | 0.175 | 1.197 | 0.059 | 0.548 | 5,292 | 220 | 300 | 0.90 |
| 10B-2SS | 0.625 | 0.380 | 0.400 | 0.580 | 0.061 | 0.061 | 0.200 | 1.394 | 0.051 | 0.653 | 6,609 | 300 | 400 | 1.24 |
| 12B-2SS | 0.750 | 0.460 | 0.475 | 0.635 | 0.071 | 0.071 | 0.225 | 1.630 | 0.043 | 0.766 | 8,381 | 390 | 530 | 1.68 |
| 16B-2SS | 1.000 | 0.670 | 0.625 | 0.830 | 0.162 | 0.122 | 0.326 | 2.630 | 0.087 | 1.255 | 19,405 | 930 | 1,250 | 3.62 |



Renold Stainless Steel Double Pitch conveyor chains are ideally suited for light- to medium-duty applications that require superior corrosion protection and heat resistance. These chains are available in the C2000 (standard roller) and C2002 (large roller) series. C2000 series link plates are straight and unbeveled and the construction of the roller and link plates are identical to improve sliding wear properties. C2002 series chains have large (oversize) rollers that minimize friction across the supporting surface to reduce wear and power requirements in heavier-duty applications.

Stainless Steel Double Pitch Conveyor Series Chain — Standard Roller

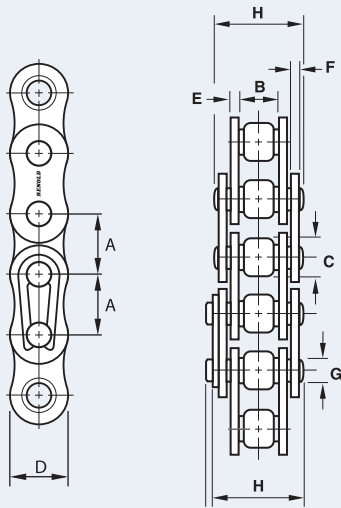
| Chain No. | Pitch | Inside Width Min | Roller Diam Max | Plate Height Max | Inner Plate Thick Max | Outer Plate Thick Max | Pin Diam Max | Pin Length Max | Conn Link Extra Max | Trans Pitch | Tensile Strength Min | Rated Working Load | | Weight |
|-----------|-------|------------------|-----------------|------------------|-----------------------|-----------------------|--------------|----------------|---------------------|-------------|----------------------|--------------------|-------|--------|
| | | | | | | | | | | | | 300SS 316SS | 600SS | |
| | A | B | C | D | E | F | G | H | J | K | Lbs | Lbs | Lbs | Lbs/Ft |
| C2040SS | 1.000 | 0.309 | 0.312 | 0.465 | 0.059 | 0.059 | 0.157 | 0.701 | 0.055 | — | 2,403 | 190 | 260 | 0.34 |
| C2050SS | 1.300 | 0.370 | 0.400 | 0.591 | 0.079 | 0.079 | 0.200 | 0.858 | 0.043 | — | 3,779 | 300 | 410 | 0.56 |
| C2060SS | 1.500 | 0.495 | 0.469 | 0.701 | 0.128 | 0.128 | 0.235 | 1.126 | 0.043 | — | 5,402 | 500 | 675 | 0.96 |
| C2080SS | 2.000 | 0.620 | 0.625 | 0.949 | 0.160 | 0.160 | 0.313 | 1.409 | 0.118 | — | 8,452 | 800 | 1,080 | 1.57 |
| C2100SS | 2.500 | 0.748 | 0.750 | 1.134 | 0.189 | 0.189 | 0.376 | 1.669 | 0.165 | — | 10,790 | 1,200 | 1,620 | 2.32 |
| C2120SS | 3.000 | 1.000 | 0.875 | 1.382 | 0.221 | 0.221 | 0.437 | 2.063 | 0.209 | — | 11,431 | 1,790 | 2,415 | 3.30 |
| C2160SS | 4.000 | 1.240 | 1.125 | 1.886 | 0.287 | 0.287 | 0.563 | 2.583 | 0.256 | — | 18,883 | 2,890 | 3,900 | 5.36 |

Stainless Steel Double Pitch Conveyor Series Chain — Large Roller

| Chain No. | Pitch inch | Inside Width Min | Roller Diam Max | Plate Height Max | Inner Plate Thick Max | Outer Plate Thick Max | Pin Diam Max | Pin Length Max | Conn Link Extra Max | Trans Pitch | Tensile Strength Min | Rated Working Load | | Weight |
|-----------|------------|------------------|-----------------|------------------|-----------------------|-----------------------|--------------|----------------|---------------------|-------------|----------------------|--------------------|-------|--------|
| | | | | | | | | | | | | 300SS 316SS | 600SS | |
| | A | B | C | D | E | F | G | H | J | K | Lbs | Lbs | Lbs | Lbs/Ft |
| C2042SS | 1.000 | 0.309 | 0.625 | 0.465 | 0.059 | 0.059 | 0.157 | 0.701 | 0.055 | — | 2,403 | 190 | 260 | 0.57 |
| C2052SS | 1.250 | 0.370 | 0.750 | 0.591 | 0.079 | 0.079 | 0.200 | 0.858 | 0.043 | — | 3,779 | 300 | 410 | 0.86 |
| C2062SS | 1.500 | 0.495 | 0.875 | 0.701 | 0.128 | 0.128 | 0.235 | 1.126 | 0.043 | — | 5,402 | 500 | 675 | 1.43 |
| C2082SS | 2.000 | 0.620 | 1.125 | 0.949 | 0.160 | 0.160 | 0.313 | 1.409 | 0.118 | — | 8,452 | 800 | 1080 | 2.26 |
| C2102SS | 2.500 | 0.748 | 1.562 | 1.134 | 0.189 | 0.189 | 0.376 | 1.669 | 0.165 | — | 10,790 | 1,200 | 1,620 | 3.80 |
| C2122SS | 3.000 | 1.000 | 1.750 | 1.382 | 0.221 | 0.221 | 0.437 | 2.063 | 0.209 | — | 11,431 | 1,790 | 2,415 | 5.30 |
| C2162SS | 4.000 | 1.240 | 2.250 | 1.886 | 0.287 | 0.287 | 0.563 | 2.583 | 0.256 | — | 18,883 | 2,890 | 3,900 | 8.60 |

Dimensions are in inches unless otherwise indicated.

7 Stainless Steel Miniature Chain



Miniature chains are available in 11SS and are well-suited for light-duty applications in a wide variety of business machines (copiers, printers, vending machines, etc.). The rollerless chains are made entirely of 304 Stainless Steel with bushings riveted in place for superior corrosion and temperature resistance.

Stainless Steel Miniature Chain

Dimensions are in inches unless otherwise indicated.

| Chain No. | Pitch | Inside Width Min | Roller Diam Max | Plate Height Max | Inner Plate Thick Max | Outer Plate Thick Max | Pin Diam Max | Pin Length Max | Tensile Strength Min | Rated Working Load | Weight |
|-----------|--------|------------------|-----------------|------------------|-----------------------|-----------------------|--------------|----------------|----------------------|--------------------|--------|
| | A | B | C | D | E | F | G | H | Lbs | Lbs | Lbs/Ft |
| 11SS | 0.1475 | 0.072 | 0.09 | 0.14 | 0.015 | 0.015 | 0.062 | 0.25 | 180 | 11 | 0.035 |