

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

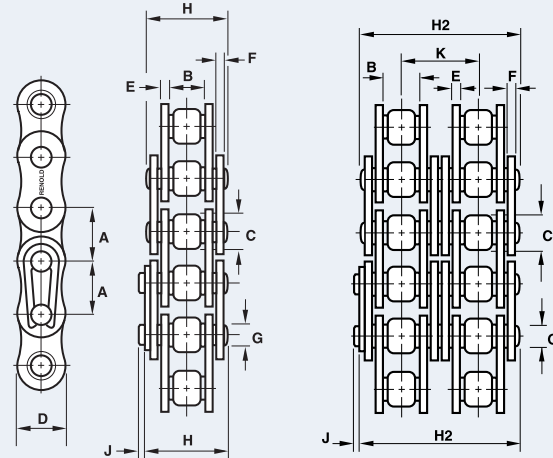
Stainless Steel ANSI Double-Strand Roller Chain

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.



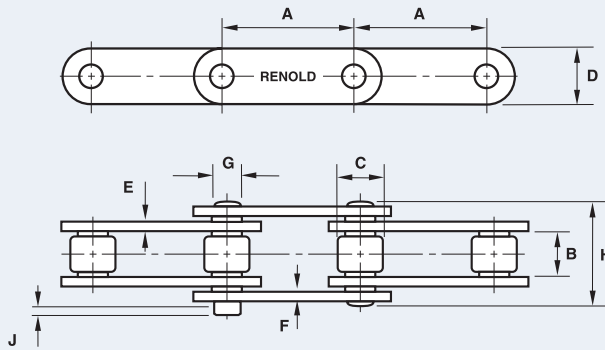
Stainless Steel British Standard Single-Strand Roller Chain

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.