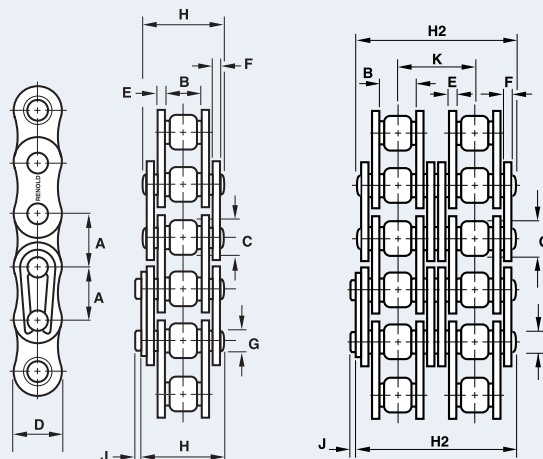


# Nickel-Plated Chain

Nickel-Plated chains are well-suited for outdoor service and/or mild corrosive applications. All components are plated prior to assembly to ensure uniform coverage.



## Nickel-Plated ANSI Single-Strand Roller Chain

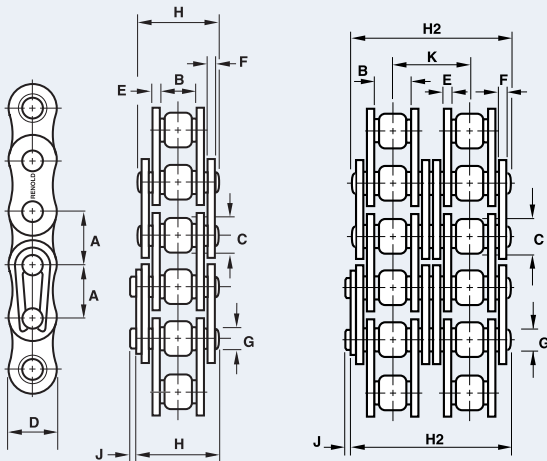
Dimensions are in inches unless otherwise indicated.

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
	A	B	C	D	E	F	G	H	J	K	Lbs	Lbs	Lbs/Ft
*35NP	0.375	0.184	0.200	0.356	0.049	0.049	0.141	0.472	0.043	—	1,760	480	0.24
40NP	0.500	0.309	0.312	0.475	0.061	0.061	0.157	0.646	0.055	—	3,125	810	0.40
50NP	0.625	0.370	0.400	0.594	0.080	0.080	0.200	0.803	0.043	—	4,880	1,400	0.67
60NP	0.750	0.495	0.469	0.713	0.094	0.094	0.235	0.996	0.043	—	7,030	1,950	0.99
80NP	1.000	0.620	0.625	0.950	0.128	0.128	0.313	1.287	0.118	—	12,500	3,300	1.88
100NP	1.250	0.744	0.750	1.188	0.160	0.160	0.376	1.563	0.165	—	19,530	5,060	2.82
120NP	1.500	0.993	0.875	1.425	0.189	0.189	0.437	1.941	0.209	—	28,125	6,800	3.83

## Nickel-Plated 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
	A	B	C	D	E	F	G	H2	J	K	Lbs	Lbs	Lbs/Ft
*35-2NP	0.375	0.184	0.200	0.356	0.049	0.049	0.141	0.874	0.043	0.399	3,520	810	0.47
40-2NP	0.500	0.309	0.312	0.475	0.061	0.061	0.157	1.213	0.055	0.566	6,250	1,370	0.81
50-2NP	0.625	0.370	0.400	0.594	0.080	0.080	0.200	1.512	0.043	0.713	9,760	2,380	1.41
60-2NP	0.750	0.495	0.469	0.713	0.094	0.094	0.235	1.894	0.043	0.897	14,060	3,315	2.05
80-2NP	1.000	0.620	0.625	0.950	0.128	0.128	0.313	2.437	0.118	1.153	25,000	5,610	3.70
100-2NP	1.250	0.744	0.750	1.188	0.160	0.160	0.376	2.968	0.165	1.408	39,060	8,600	5.64
120-2NP	1.500	0.993	0.875	1.425	0.189	0.189	0.437	3.728	0.209	1.789	56,250	11,560	7.39

\*Rollerless Chain



Nickel-Plated 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 Nickel-Plated British Standard roller chains are made with the same unique features and incorporate all the design advantages of Nickel-Plated ANSI chains.

## Nickel-Plated British Standard Single-Strand Roller Chain

Dimensions are in inches unless otherwise indicated.

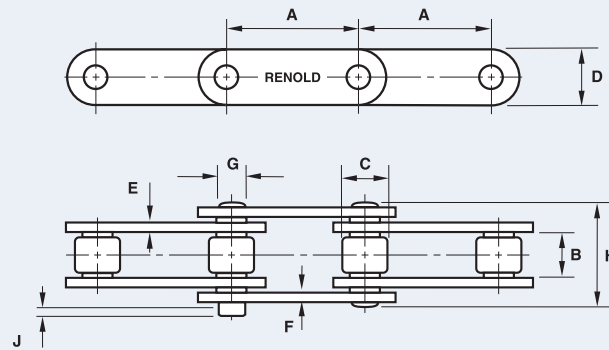
Chain No.	Pitch	Inside Width Min	Roller Diam Max	Plate Height Max	Inner Plate Thick Max	Outer Plate Thick Max	Pin Diam Max	Pin Length Max	Conn Link Extra Max	Trans Pitch	Tensile Strength Min	Rated Working Load	Weight
	A	B	C	D	E	F	G	H	J	K	Lbs	Lbs	Lbs/Ft
06BNP	0.375	0.225	0.250	0.325	0.051	0.041	0.129	0.492	0.051	—	2,001	395	0.26
08BNP	0.500	0.305	0.335	0.465	0.061	0.061	0.175	0.669	0.059	—	4,002	700	0.47
10BNP	0.625	0.380	0.400	0.580	0.061	0.061	0.200	0.740	0.051	—	4,991	1,100	0.62
12BNP	0.750	0.460	0.475	0.635	0.071	0.071	0.225	0.862	0.043	—	6,497	1,575	0.81
16BNP	1.000	0.670	0.625	0.830	0.162	0.122	0.326	1.374	0.087	—	13,489	2,810	1.88
20BNP	1.250	0.770	0.750	1.040	0.182	0.142	0.401	1.567	0.106	—	21,357	4,370	2.59
24BNP	1.500	1.000	1.000	1.315	0.240	0.200	0.576	2.071	0.268	—	35,970	6,130	5.01

## Nickel-Plated 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
	A	B	C	D	E	F	G	H2	J	K	Lbs	Lbs	Lbs/Ft
06B-2NP	0.375	0.225	0.250	0.325	0.051	0.041	0.129	0.906	0.051	0.403	3,800	670	0.50
08B-2NP	0.500	0.305	0.335	0.465	0.061	0.061	0.175	1.197	0.059	0.548	6,992	1,185	0.93
10B-2NP	0.625	0.380	0.400	0.580	0.061	0.061	0.200	1.394	0.051	0.654	10,004	1,870	1.21
12B-2NP	0.750	0.460	0.475	0.635	0.071	0.071	0.225	1.630	0.043	0.767	12,994	2,680	1.61
16B-2NP	1.000	0.670	0.625	0.830	0.162	0.122	0.326	2.630	0.087	1.256	23,830	4,780	3.69
20B-2NP	1.250	0.770	0.750	1.040	0.182	0.142	0.401	3.020	0.106	1.436	38,218	7,430	5.23
24B-2NP	1.500	1.000	1.000	1.315	0.240	0.200	0.576	3.988	0.268	1.905	62,946	10,270	9.92

# Nickel-Plated Chain

Renold Nickel-Plated Double Pitch conveyor chains are ideally suited for light- to medium-duty applications in outdoor and mildly corrosive environments. 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.



## Nickel-Plated 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
	A	B	C	D	E	F	G	H	J	K	Lbs	Lbs	Lbs/Ft
C2040NP	1.000	0.309	0.312	0.465	0.059	0.059	0.157	0.701	0.055	—	3,125	810	0.34
C2050NP	1.250	0.370	0.400	0.591	0.079	0.079	0.200	0.858	0.043	—	4,880	1,400	0.56
C2060HNP	1.500	0.495	0.469	0.701	0.128	0.128	0.235	1.126	0.043	—	7,030	2,200	0.97
C2080HNP	2.000	0.620	0.625	0.949	0.160	0.160	0.313	1.409	0.118	—	12,500	3,600	1.63
C2100HNP	2.500	0.748	0.750	1.134	0.189	0.189	0.376	1.669	0.165	—	19,530	5,500	2.33
C2120HNP	3.000	1.000	0.875	1.382	0.221	0.221	0.437	2.063	0.209	—	28,125	7,300	3.31
C2160HNP	4.000	1.240	1.125	1.886	0.287	0.287	0.563	2.583	0.256	—	50,000	12,600	5.38

## Nickel-Plated Double Pitch Conveyor Series Chain — Large 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
	A	B	C	D	E	F	G	H	J	K	Lbs	Lbs	Lbs/Ft
C2042NP	1.000	0.309	0.625	0.465	0.059	0.059	0.157	0.701	0.055	—	3,125	810	0.55
C2052NP	1.250	0.370	0.750	0.591	0.079	0.079	0.200	0.858	0.043	—	4,880	1,400	0.85
C2062HNP	1.500	0.495	0.875	0.701	0.128	0.128	0.235	1.126	0.043	—	7,030	2,200	1.36
C2082HNP	2.000	0.620	1.125	0.949	0.160	0.160	0.313	1.409	0.118	—	12,500	3,600	2.26
C2102HNP	2.500	0.748	1.562	1.134	0.189	0.189	0.376	1.669	0.165	—	19,530	5,500	3.80
C2122HNP	3.000	1.000	1.750	1.382	0.221	0.221	0.437	2.063	0.209	—	28,125	7,300	5.31
C2162HNP	4.000	1.240	2.250	1.886	0.287	0.287	0.563	2.583	0.256	—	50,000	12,600	8.60

Dimensions are in inches unless otherwise indicated.