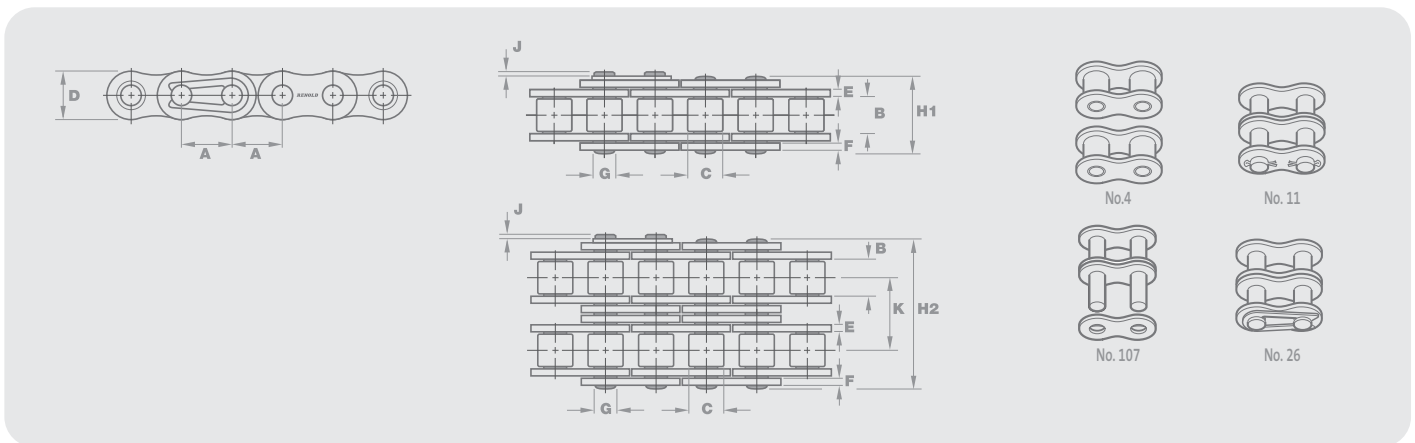


# Stainless Steel chain

Renold Stainless Steel chain is made from high grades of austenitic rust-proof steel. These perform extremely well in environments that are acidic, alkaline, where direct contact with food is a consideration, where the chain will be exposed to water, and for very high or very low temperature locations (-40° to +400°C) where resistance to corrosion is a requirement.

Renold Stainless Steel chain should be selected when resistance to chemical action is critical. It is manufactured using FDA approved material and is prelubricated with USDA H1 approved lubricant.

- All components made from austenitic rust-proof steel
- All components receive surface finishing to remove stress raisers
- Lubrication that improves wear performance
- Tensile strength is approximately 65% that of standard carbon steel chain



## Stainless Steel chain BS Standard - simplex

Dimensions (mm)

Connecting links

Renold Chain No.	ISO No.	Pitch (inch)	Pitch (mm)	Inside Width Min	Roller Diam Max	Plate Height Max	Plate Width Inner Max	Plate Width Outer Max	Pin Diam Max	Pin Length Max	Con Link Extra Max	ISO606 Tensile Strength Min	Weight kg/m	No. 4	No. 107	No. 11	No. 58	No. 26	No. 12	No. 30
		A	A	B	C	D	E	F	G	H1	J	(N)								
185118	05B-1	0.315	8.000	3.00	5.00	7.11	0.76	0.76	2.31	8.6	1.5	3200	0.18	✓	✓	-	-	✓	-	-
185302	06B-1	0.375	9.525	5.72	6.35	8.20	1.29	1.04	3.28	12.5	1.3	6850	0.39	✓	✓	-	✓	✓	-	-
181707	08B-1	0.500	12.700	7.75	8.51	11.70	1.55	1.55	4.45	16.5	2.0	12000	0.70	✓	✓	✓	-	✓	-	-
180280	10B-1	0.625	15.875	9.65	10.16	14.60	1.55	1.55	5.08	18.8	2.5	14700	0.96	✓	✓	✓	-	✓	-	-
185634	12B-1	0.750	19.050	11.68	12.07	16.00	1.81	1.81	5.72	21.9	2.6	18640	1.22	✓	✓	✓	-	✓	-	-
187900	16B-1	1.000	25.400	17.02	15.88	20.20	3.70	3.00	8.28	34.9	2.2	43160	2.70	✓	✓	✓	-	✓	-	-

## Stainless Steel chain ANSI Standard - simplex

Dimensions (mm)

		A	A	B	C	D	E	F	G	H1	J	(N)								
2555	25-1	0.250	6.350	3.10	3.30	5.90	0.76	0.76	2.30	7.9	1.2	2500	0.12	✓	✓	-	-	✓	-	✓
545351	35-1	0.375	9.525	4.68	5.08	8.60	1.29	1.29	3.59	12.0	1.7	7600	0.35	✓	✓	-	-	✓	✓	✓
545401	40-1	0.500	12.700	7.85	7.92	11.20	1.55	1.55	3.97	16.4	2.1	10690	0.60	✓	✓	✓	-	✓	✓	✓
545501	50-1	0.625	15.875	9.40	10.16	14.60	2.04	2.04	5.08	20.4	2.7	16810	1.00	✓	✓	✓	-	✓	✓	✓
545601	60-1	0.750	19.050	12.57	11.91	17.50	2.45	2.45	5.94	25.3	2.6	30000	1.47	✓	✓	✓	-	✓	✓	✓
545801	80-1	1.000	25.400	15.75	15.88	23.00	3.00	3.00	7.94	32.7	3.0	51000	2.60	✓	✓	✓	-	-	✓	-