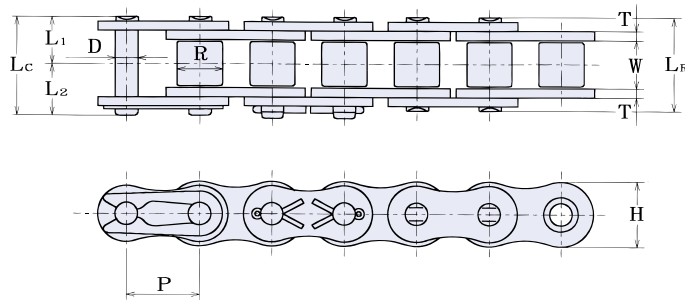


# Stainless Steel Chains (from SS to SSS)

SY Stainless Steel roller chains are used in highly corrosive and extreme temperature environments. High Power SSS chains have specially treated pins to enhance chain service life. SSS Stainless Steel chains are equipped with solid rollers to further enhance the chain's durability. SY SSS Stainless Steel roller chains are manufactured in accordance with ANSI dimensional specifications. 316 and 600 series stainless steel are also available.

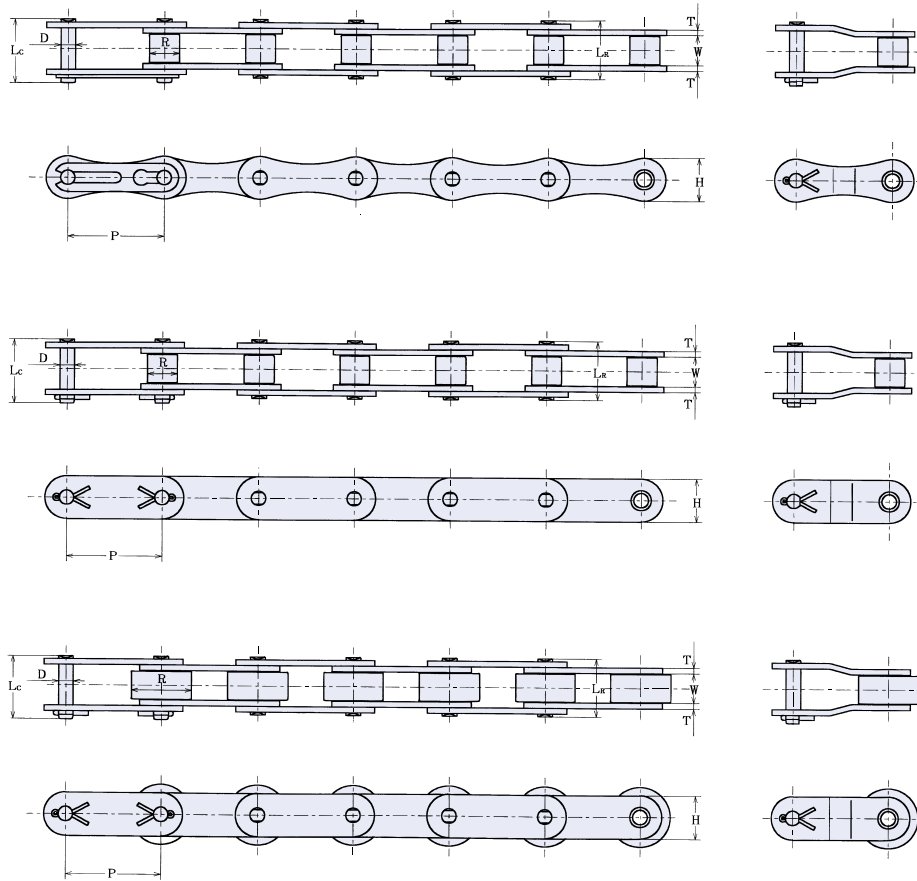
RUSTLESS CHAINS



## BS AND ANSI STAINLESS STEEL CHAIN

SY Chain No.	Dimensions - mm										Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
P	W	R	D	LR	Lc	L1	L2	H	T	kN	kN	kg/m	
06B-SS	9.525	5.72	6.35	3.28	12.6	13.4	6.3	7.1	8.2	1.0/1.25	6.18	0.27	0.43
08B-SS	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5	10.3	0.52	0.61
10B-SS	15.875	9.65	10.16	5.08	19.0	20.7	9.5	11.2	14.7	1.65	15.7	0.68	0.89
12B-SS	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	16.1	1.8	18.1	0.88	1.14
16B-SS	25.40	17.02	15.88	8.26	35.1	38.2	17.6	20.6	20.3	3.2/4.0	42.2	2.06	2.59
	P	W	R	D	LR	Lc	L1	L2	H	T1/T2	kN	kN	kg/m
SY 35-SS	9.525	4.78	5.08	3.58	12.2	13.7	6.1	7.6	9.0	1.25	5.68	0.26	0.34
SY 40-SS	12.70	7.95	7.92	3.96	16.9	18.5	8.5	10.0	11.7	1.5	11.1	0.44	0.60
SY 50-SS	15.875	9.53	10.16	5.08	20.8	22.3	10.4	11.9	14.6	2.0	17.6	0.68	0.98
SY 60-SS	19.05	12.70	11.91	5.95	26.0	27.9	13.0	14.9	17.5	2.4	24.5	1.03	1.46
SY 80-SS	25.40	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	42.3	1.77	2.52
SY 100-SS	31.75	19.05	19.05	9.53	40.0	43.3	20.0	23.3	29.3	4.0	51.0	2.55	3.91
SY 120-SS	38.10	25.40	22.23	11.10	50.4	54.2	25.2	29.0	35.1	4.8	68.6	3.92	5.76
SY 140-SS	44.45	25.40	25.40	12.70	54.0	58.3	27.0	31.3	40.9	5.6	88.2	4.66	7.41
SY 160-SS	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	109.8	6.37	9.79

Chain is rollerless R shows bushing dia.  
304 Stainless steel only.



### DOUBLE PITCH STAINLSS STEEL CHAIN

SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
		P	W	R	D	LR	LC	L1	L2	H			
A2040-SS	25.40	7.95	7.92	3.96	16.9	18.5	8.5	10.0	11.4	1.5	12.4	0.44	0.43
A2050-SS	31.75	9.53	10.16	5.08	20.8	22.3	10.4	11.9	15.0	2.0	20.3	0.68	0.73
A2060-SS	38.10	12.70	11.91	5.95	26.0	27.9	13.0	14.9	17.0	2.4	27.4	1.03	1.03
A2080-SS	50.80	15.88	15.88	7.93	32.8	35.5	16.4	19.1	22.6	3.2	47.1	1.77	1.71
C2040-SS	25.40	7.95	7.92	3.96	16.9	18.5	8.5	10.0	11.4	1.5	12.4	0.44	0.48
C2050-SS	31.75	9.53	10.16	5.08	20.8	22.3	10.4	11.9	15.0	2.0	20.3	0.68	0.82
C2060H-SS	38.10	12.70	11.91	5.95	28.8	30.9	14.4	16.5	17.0	3.2	27.4	1.03	1.38
C2080H-SS	50.80	15.88	15.88	7.93	35.7	38.8	17.9	20.9	22.6	4.0	47.1	1.77	2.32
C2100H-SS	63.50	19.05	19.05	9.53	42.4	46.0	21.2	24.8	28.6	4.8	56.9	2.55	3.46
C2120H-SS	76.20	25.40	22.23	11.10	52.8	57.2	26.4	30.8	34.9	5.6	76.5	3.92	4.92
C2160H-SS	101.60	31.75	28.58	14.28	67.9	73.1	34.0	39.1	47.6	7.2	123	6.37	8.02
C2042-SS	25.40	7.95	15.88	3.96	16.9	18.5	8.5	10.0	11.4	1.5	12.4	0.44	0.82
C2052-SS	31.75	9.53	19.05	5.08	20.8	22.3	10.4	11.9	15.0	2.0	20.3	0.68	1.26
C2062H-SS	38.10	12.70	22.23	5.95	28.8	30.9	14.4	16.5	17.0	3.2	27.4	1.03	2.08
C2082H-SS	50.80	15.88	28.58	7.93	35.7	38.8	17.9	20.9	22.6	4.0	47.1	1.77	3.36
C2102H-SS	63.50	19.05	39.67	9.53	42.4	46.0	21.2	24.8	28.6	4.8	56.9	2.55	5.64
C2122H-SS	76.20	25.40	44.45	11.10	52.8	57.2	26.4	30.8	34.9	5.6	76.5	3.92	7.87
C2162H-SS	101.60	31.75	57.15	14.28	67.9	73.1	34.0	39.1	47.6	7.2	123	6.37	12.77

304 Stainless steel only.