

# Stainless Steel Chains

SS series stainless steel roller chains provide excellent corrosion protection against low or high temperature, acid, alkali, moisture, scale, oil and magnetism.

SS series stainless steel roller chains are manufactured in accordance with the dimensions ANSI standards.

## INTRODUCTION OF SY NEW HIGH POWER NEW SSS SERIES PRODUCTS

SSS series stainless steel roller chains with solid rollers.

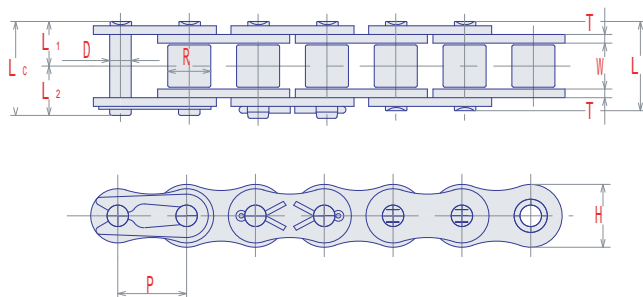
Anti-magnetic of solid roller has superior permeability than the common curled roller.

High Power New SSS Chain use a specially treated pin and roller.

Extremely long life is engaged by this surface treatment.

SSS series chain life is more than 2 times longer than that of normal SS series Chain.

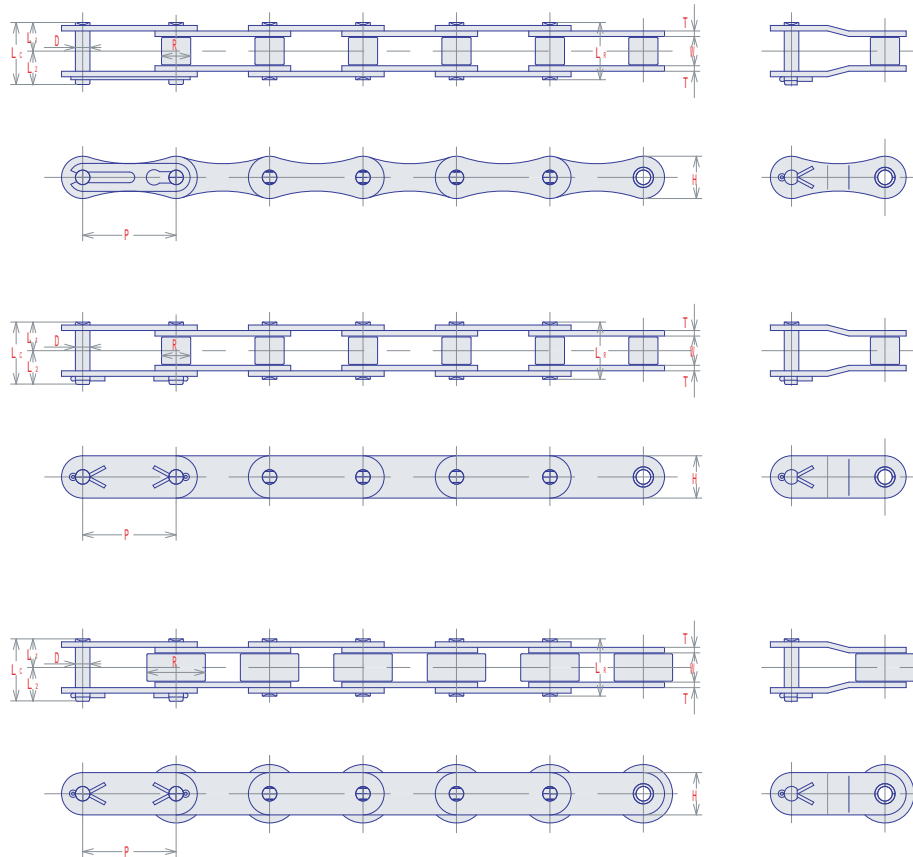
50% Higher Allowable Loads



## 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	17.8	8.4	9.4	11.8	1.5	10.3	0.52	0.61
10B-SS	15.875	9.65	10.16	5.08	19.0	20.6	9.5	11.1	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	T <sub>1</sub> /T <sub>2</sub>	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.



DOUBLE PITCH STAINLESS 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	T	kN	kN	kg/m	
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