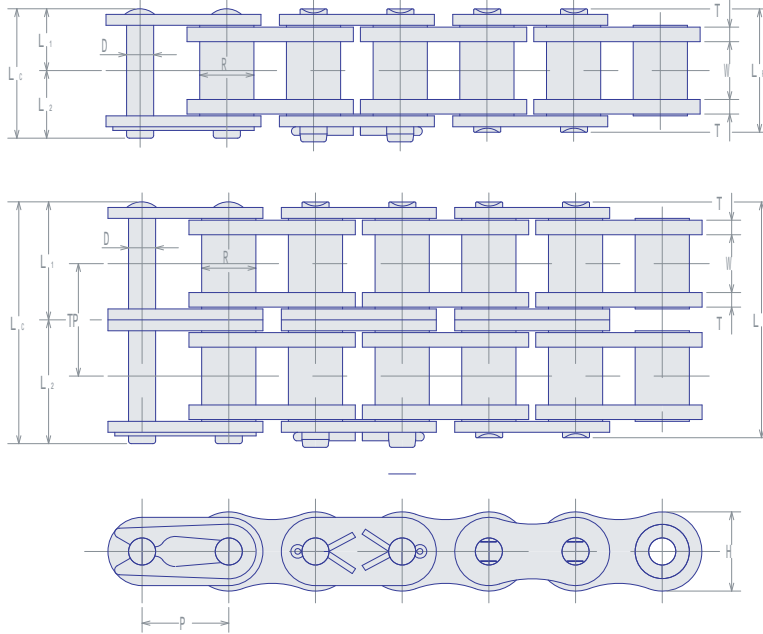


# Sintered Steel Bushing SL ANSI Standard Roller Chains



## SINGLE STRANDS

SY Chain No.	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
P	W	R	D	LR	LC	L1	L2	H	T	TP	kN	kN	kg/m	
SY40-SL	12.70	7.7	7.92	3.96	16.5	17.9	8.3	9.6	12.0	1.5		12.7	2.94	0.63
SY50-SL	15.875	9.4	10.16	5.08	20.4	22.0	10.2	11.8	15.1	2.0		19.6	4.90	1.03
SY60-SL	19.05	12.5	11.91	5.95	25.5	26.9	12.8	14.1	18.2	2.4		28.4	6.86	1.46
SY80-SL	25.40	15.8	15.88	7.93	32.8	35.5	16.4	18.6	24.1	3.2		51.0	11.8	2.60
SY100-SL	31.75	19.0	19.05	9.53	39.4	43.0	19.7	23.3	30.2	4.0		82.4	17.7	3.79
SY120-SL	38.10	25.4	22.23	11.10	49.5	53.4	24.8	28.6	36.2	4.8		118.0	25.5	5.58
SY140-SL	44.45	25.4	25.40	12.70	54.0	58.3	27.0	31.3	42.2	5.6		162.0	34.3	7.59
SY160-SL	50.80	31.8	28.58	14.28	64.3	68.7	32.2	36.5	48.3	6.4		211.0	44.1	9.82

## MULTIPLE STRANDS

SY Chain No.	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
P	W	R	D	LR	LC	L1	L2	H	T	TP	kN	kN	kg/m	
SY40-SL-2	12.70	7.7	7.92	3.96	30.8	32.2	15.4	16.8	12.0	1.5	14.4	25.4	5.0	1.3
SY50-SL-2	15.875	9.4	10.16	5.08	38.4	40.0	19.2	20.8	15.1	2.0	18.1	39.2	8.3	2.1
SY60-SL-2	19.05	12.5	11.91	5.95	48.2	49.7	24.0	25.7	18.2	2.4	22.8	56.8	11.6	3.0
SY80-SL-2	25.40	15.8	15.88	7.93	61.6	64.5	30.8	33.7	24.1	3.2	29.3	102.0	20.0	5.2
SY100-SL-2	31.75	19.0	19.05	9.53	75.1	78.8	37.6	41.2	30.2	4.0	35.8	164.8	30.0	7.9
SY120-SL-2	38.10	25.4	22.23	11.10	94.9	98.8	47.5	51.3	36.2	4.8	45.4	236.0	43.3	11.5
SY140-SL-2	44.45	25.4	25.40	12.70	102.9	107.2	51.5	55.7	42.2	5.6	48.9	324.0	58.3	14.7
SY160-SL-2	50.80	31.8	28.58	14.28	122.8	127.2	61.4	65.6	48.3	6.4	58.5	422.0	75.0	19.5