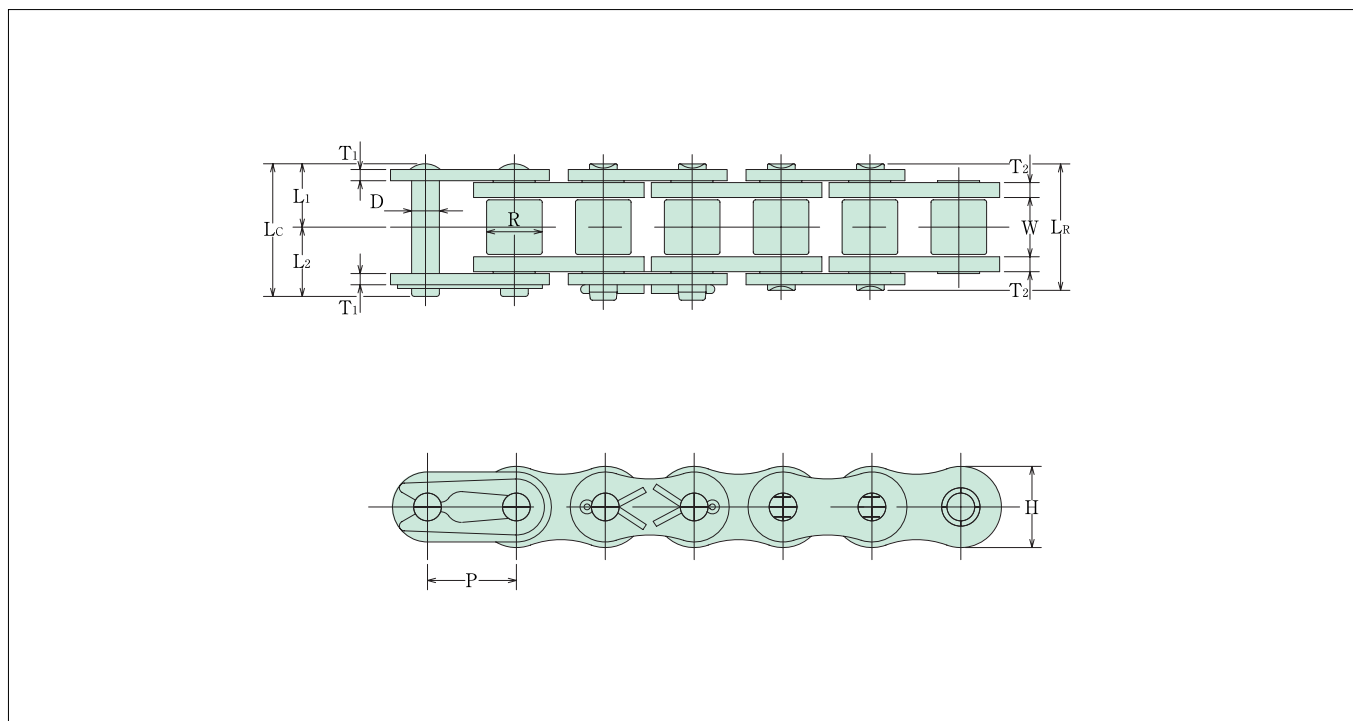


# Freedom Series ANSI Self-Lubricating Chains



## TS type (for Drive)

Chain No.	Dimensions - mm												Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	LC	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
40FS-TS	12.70	7.95	7.92	3.96	17.50	19.60	8.80	10.80	11.70	1.50	2.00	15.60	19.10	3.63	0.70
50FS-TS	15.875	9.53	10.16	5.08	21.30	23.30	10.70	12.60	14.60	2.00	2.40	19.20	31.90	6.28	1.10
60FS-TS	19.05	12.70	11.91	5.95	27.40	29.80	13.70	16.10	17.50	2.40	3.20	24.90	43.10	8.63	1.70
80FS-TS	25.40	15.88	15.88	7.93	34.10	37.40	17.10	20.30	23.40	3.20	4.00	31.10	78.50	14.70	2.70
100FS-TS	31.75	19.05	19.05	9.53	41.00	44.80	20.50	24.30	29.30	4.00	4.80	37.60	118.00	22.60	4.30

\*Standard sprocket is available for single strand.

## CS type (for Conveyor)

Chain No.	Dimensions - mm												Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	LC	L1	L2	H	T	TP	kN	kN	kg/m		
40FS-CS	12.70	7.95	7.92	3.96	16.50	18.60	8.30	10.30	11.70	1.50	14.40	15.70	3.62	0.60	
50FS-CS	15.875	9.53	10.16	5.08	20.50	22.50	10.30	12.20	14.60	2.00	18.10	25.50	6.27	1.00	
60FS-CS	19.05	12.70	11.91	5.95	25.90	28.30	13.70	14.60	17.50	2.40	22.80	37.30	8.63	1.50	
80FS-CS	25.40	15.88	15.88	7.93	33.00	35.90	16.50	19.40	23.40	3.20	29.30	63.70	14.70	2.50	
100FS-CS	31.75	19.05	19.05	9.53	39.80	43.10	19.90	23.20	29.30	4.00	35.80	100.00	22.50	3.90	

\*Standard sprocket is available for multiple strands.

\*Attachment can be installed