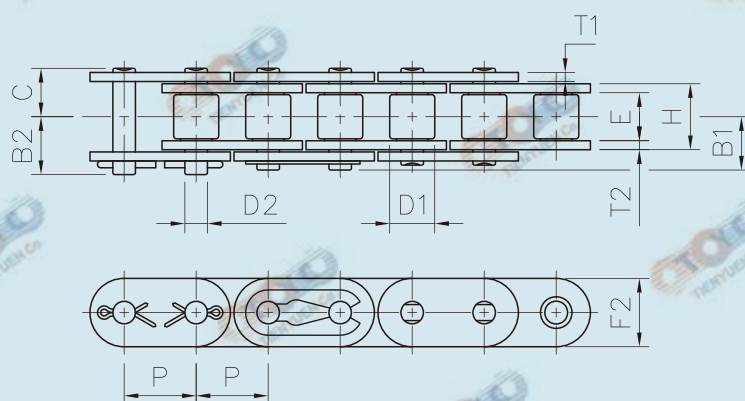




C-TYPE ROLLER CHAIN

C-type roller chains use straight side plates instead of the figure-eight shaped side plates. Other than the link shape, their dimensions are identical to ANSI standard roller chain series.



ANSI

Chain No.	Pitch x Width		Roller	Pin				Link				Avg. Ulti. Tensile Strength	Approx. Weight
	P x E		D1	C	B1	B2	D2	T1	T2	H	F2		
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		
C25	1/2 x 1/8	6.35 x 3.18	3.30	3.91	4.71	4.71	2.31	0.76	0.76	4.80	5.80	460	0.12
C40	1/2 x 5/16	12.70 x 7.92	7.92	8.22	10.32	10.32	3.98	1.52	1.52	11.17	11.75	1,900	0.69
C50	5/8 x 3/8	15.88 x 9.53	10.16	10.15	12.40	12.40	5.09	2.03	2.03	13.84	14.73	3,100	1.08
C60	3/4 x 1/2	19.05 x 12.70	11.91	12.72	15.27	15.27	5.96	2.39	2.39	17.75	17.40	4,200	1.55
C80	1 x 5/8	25.40 x 15.88	15.88	16.50	18.50	20.40	7.94	3.18	3.18	22.60	24.13	8,000	2.90
C100	1-1/4 x 3/4	31.75 x 19.05	19.05	19.84	-	24.14	9.54	3.96	3.96	27.75	30.16	11,500	4.52
C120	1-1/2 x 1	38.10 x 25.40	22.23	25.53		29.83	11.11	4.75	4.75	35.45	36.19	15,600	6.02
C140	1-3/4 x 1	44.45 x 25.40	25.40	27.27		32.17	12.71	5.56	5.56	37.18	42.22	21,000	8.74
C160	2 x 1-1/4	50.80 x 31.75	28.58	32.76		37.06	14.29	6.35	6.35	45.21	48.26	26,300	10.83

1. For size C25, D1 is bushing diameter
2. Multiple strand chains are available
3. For size C40 and up, heavy series are available upon request

ISO

Chain No.	Pitch x Width	Roller	Pin				Link				Avg. Ult. Tensile Strength	Approx. Weight	
	P x E		D1	C	B1	B2	D2	T1	T2	H			F2
	mm		mm	mm	mm	mm	mm	mm	mm	mm			mm
C08B	12.70 × 7.75	8.51	8.24	9.34	10.34	4.45	1.49	1.58	11.30	11.75	1,920	0.75	
C10B	15.88 × 9.65	10.16	9.85	11.55	12.25	5.08	1.71	1.71	13.28	14.73	2,720	0.98	
C12B	19.05 × 11.68	12.07	11.27	13.37	14.57	5.72	1.86	1.86	15.62	16.13	3,280	1.28	
C16B	25.40 × 17.02	15.88	18.11	19.71	21.11	8.28	3.18	3.99	25.45	21.08	7,760	2.89	
C20B	31.75 × 19.56	19.05	20.10	-	24.40	10.19	3.18	4.46	29.01	26.00	10,500	3.85	
C24B	38.10 × 25.40	25.40	27.07		32.17	14.63	4.80	6.00	37.92	32.60	18,000	7.33	
C28B	44.45 × 30.99	27.94	32.95		37.45	15.90	6.00	7.30	46.58	37.08	26,000	9.80	
C32B	50.80 × 30.99	29.21	33.15		38.15	17.81	6.00	7.00	45.57	42.29	28,900	10.17	

Multiple strand chains are available