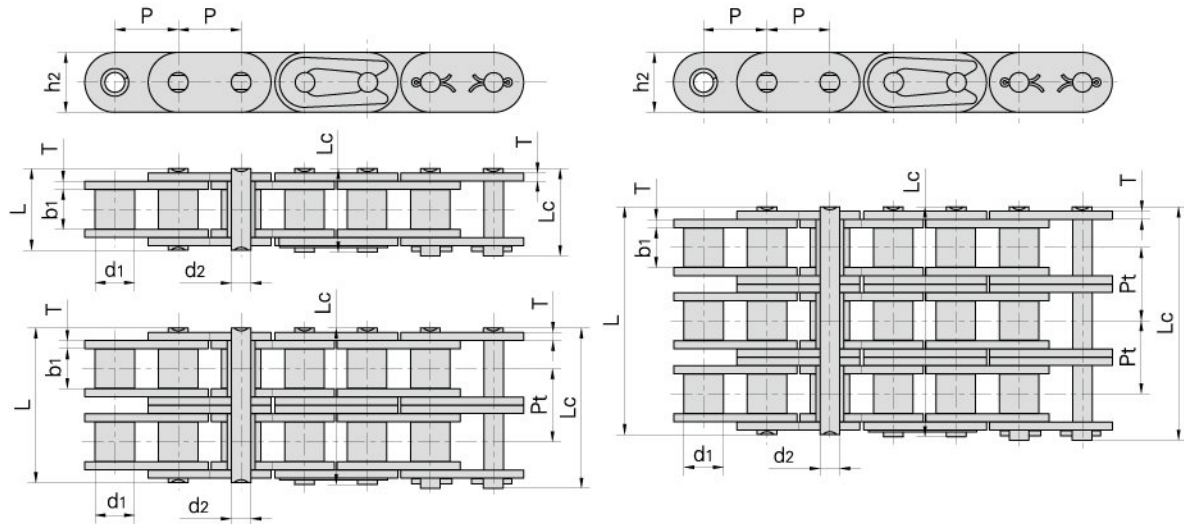


# Roller chains with straight side plates (A series)



DIN/ISO Chain No.	ANSI Chain No.	Pitch	Roller diameter	Width between inner plates		Pin diameter		Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q		
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m	
	*C35-1	9.525	5.08	4.77	3.58	13.3	14.3	9.00	1.30	-	7.9/1795	10.8	0.41		
C08A-1	C40-1	12.700	7.95	7.85	3.96	16.6	18.8	12.00	1.50	-	14.1/3273	17.5	0.73		
C10A-1	C50-1	15.875	10.16	9.40	5.08	20.7	23.3	15.09	2.03	-	22.2/5045	29.4	1.23		
C12A-1	C60-1	19.050	11.91	12.57	5.94	25.9	28.3	18.0/18.2	2.42	-	31.8/7227	41.5	1.81/1.83		
C16A-1	C80-1	25.400	15.88	15.75	7.92	32.7	36.5	24.00	3.25	-	56.7/12886	69.4	3.09		
C20A-1	C100-1	31.750	19.05	18.90	9.53	40.4	44.7	30.00	4.00	-	88.5/20114	109.2	4.56		
C24A-1	C120-1	38.100	22.23	25.22	11.10	50.3	54.3	35.70	4.80	-	127.0/28864	156.3	6.86		
C28A-1	C140-1	44.450	25.40	25.22	12.70	54.4	59.0	41.00	5.60	-	172.4/39182	212.0	8.49		
C32A-1	C160-1	50.800	28.58	31.55	14.27	64.8	69.6	47.80	6.40	-	226.8/51545	278.9	11.50		
C08A-2	C40-2	12.700	7.95	7.85	3.96	31.0	33.2	12.00	1.50	14.38	28.2/6409	35.9	1.43		
C10A-2	C50-2	15.875	10.16	9.40	5.08	38.9	41.4	15.09	2.03	18.11	44.4/10091	58.1	2.42		
C12A-2	C60-2	19.050	11.91	12.57	5.94	48.8	51.1	18.0/18.2	2.42	22.78	63.6/14455	82.1	3.58/3.62		
C16A-2	C80-2	25.400	15.88	15.75	7.92	62.7	65.8	24.00	3.25	29.29	113.4/25773	141.8	6.12		
C20A-2	C100-2	31.750	19.05	18.90	9.53	76.4	80.5	30.00	4.00	35.76	177.0/40227	219.4	9.08		
C24A-2	C120-2	38.100	22.23	25.22	11.10	95.8	99.7	35.70	4.80	45.44	254.0/57727	314.9	13.60		
C28A-2	C140-2	44.450	25.40	25.22	12.70	103.3	107.9	41.00	5.60	48.87	344.8/78364	427.5	16.86		
C32A-2	C160-2	50.800	28.58	31.55	14.27	123.3	128.1	47.80	6.40	58.55	453.6/103091	562.4	22.90		
C08A-3	C40-3	12.700	7.95	7.85	3.96	45.4	47.6	12.00	1.50	14.38	42.3/9614	50.0	2.14		
C10A-3	C50-3	15.875	10.16	9.40	5.08	57.0	59.5	15.09	2.03	18.11	66.6/15136	77.8	3.62		
C12A-3	C60-3	19.050	11.91	12.57	5.94	71.5	73.9	18.0/18.2	2.42	22.78	95.4/21682	111.1	5.36/5.41		
C16A-3	C80-3	25.400	15.88	15.75	7.92	91.7	95.1	24.00	3.25	29.29	170.1/38659	198.4	9.10		
C20A-3	C100-3	31.750	19.05	18.90	9.53	112.2	116.3	30.00	4.00	35.76	265.5/60341	309.6	13.60		
C24A-3	C120-3	38.100	22.23	25.22	11.10	141.4	145.2	35.70	4.80	45.44	381.0/86591	437.2	20.43		
C28A-3	C140-3	44.450	25.40	25.22	12.70	152.2	156.8	41.00	5.60	48.87	517.2/117545	593.3	25.23		
C32A-3	C160-3	50.800	28.58	31.55	14.27	181.8	186.6	47.80	6.40	58.55	680.4/154636	780.6	34.19		

\*Bushing chain: d1 in the table indicate the external diameter of the bushing.