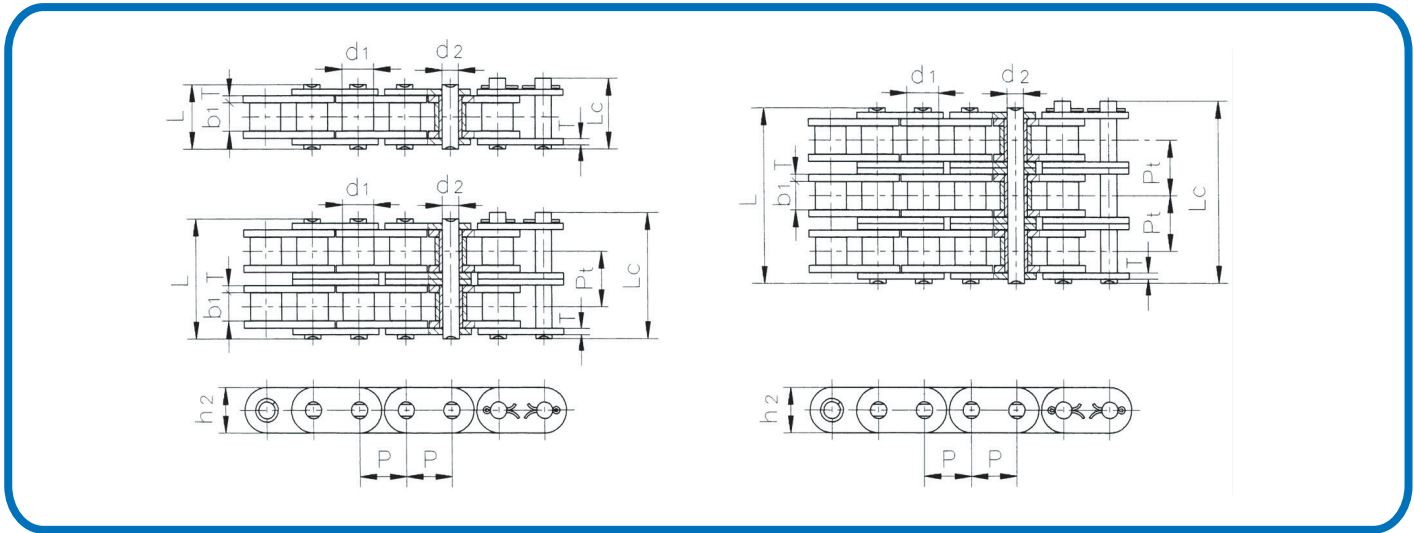


ANSI Roller Chains with Straight Side Plates



ISO Number	ANSI Number	Pitch (P)	Roller Diameter (d1)	Width between Inner Plate (b1)	Pin Diameter (d2)	Pin Length (L)	Pin Length (Lc)	Inner Plate Depth (h2)	Plate Thickness (t/T)	Transverse Pitch (Pt)	Ultimate Tensile Strength (Q)	Average Tensile Strength (Qo)	Weight (q)
		mm	max mm	min mm	max mm	max mm	max mm	max mm	max mm	mm	min kN	kN	kg/m
C08A-1	* C35	9.525	5.08	4.77	3.58	13.30	14.30	9.00	1.30	-	7.90	10.8	0.41
C10A-1	C40	12.700	7.95	7.85	3.96	16.60	18.80	12.00	1.50	-	14.10	17.5	0.73
C12A-1	C50	15.875	10.16	9.40	5.08	20.70	23.30	15.09	2.03	-	22.20	29.4	1.23
C16A-1	C60	19.050	11.91	12.57	5.94	25.90	28.30	18.00	2.42	-	31.80	41.5	1.81
C20A-1	C80	25.400	15.88	15.75	7.92	32.70	36.50	24.00	3.25	-	56.70	69.4	3.09
C24A-1	C100	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	-	88.50	109.2	4.56
C28A-1	C120	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80	-	127.00	156.3	6.86
C32A-1	C140	44.450	25.40	25.22	12.70	54.40	59.00	41.00	5.60	-	172.40	212.0	8.49
C08A-2	C160	50.800	28.58	31.55	14.27	64.80	69.60	47.80	6.40	-	226.80	278.9	11.50
C10A-2	C40-2	12.700	7.95	7.85	3.96	31.00	33.20	12.00	1.50	14.38	28.20	35.9	1.43
C12A-2	C50-2	15.875	10.16	9.40	5.08	38.90	41.40	15.09	2.03	18.11	44.40	58.1	2.42
C16A-2	C60-2	19.050	11.91	12.57	5.94	48.80	51.10	18.00	2.42	22.78	63.60	82.1	3.58
C20A-2	C80-2	25.400	15.88	15.75	7.92	62.70	65.80	24.00	3.25	29.29	113.40	141.8	6.12
C24A-2	C100-2	31.750	19.05	18.90	9.53	76.40	80.50	30.00	4.00	35.76	177.00	219.4	9.08
C28A-2	C120-2	38.100	22.23	25.22	11.10	95.80	99.70	35.70	4.80	45.44	254.00	314.9	13.60
C32A-2	C140-2	44.450	25.40	25.22	12.70	103.30	107.90	41.00	5.60	48.87	344.80	427.5	16.86
C08A-3	C40-3	12.700	7.95	7.85	3.96	45.40	47.60	12.00	1.50	14.38	42.30	50.0	2.14
C10A-3	C50-3	15.875	10.16	9.40	5.08	57.00	59.50	15.09	2.03	18.11	66.60	77.8	3.62
C12A-3	C60-3	19.050	11.91	12.57	5.94	71.50	73.90	18.00	2.42	22.78	95.40	111.1	5.36
C16A-3	C80-3	25.400	15.88	15.75	7.92	91.70	95.10	24.00	3.25	29.29	170.10	198.4	9.10
C20A-3	C100-3	31.750	19.05	18.90	9.53	112.20	116.30	30.00	4.00	35.76	265.50	309.6	13.60
C24A-3	C120-3	38.100	22.23	25.22	11.10	141.40	145.20	35.70	4.80	45.44	381.00	437.2	20.43
C28A-3	C140-3	44.450	25.40	25.22	12.70	152.20	156.80	41.00	5.60	48.87	517.20	593.3	25.23
C32A-3	C160-3	50.800	28.58	31.55	14.27	181.80	186.60	47.80	6.40	58.55	680.40	780.6	34.19

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