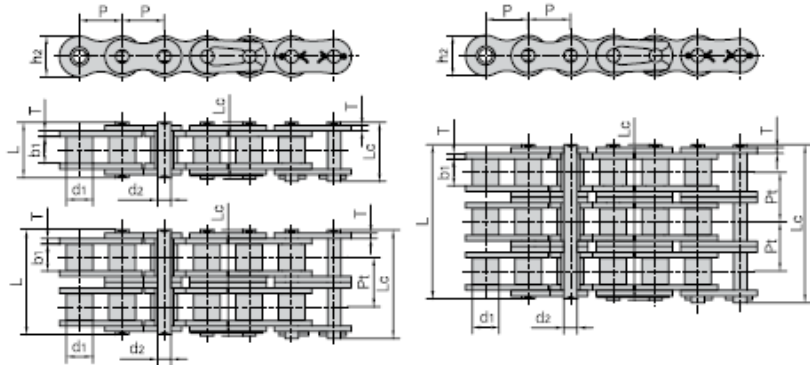
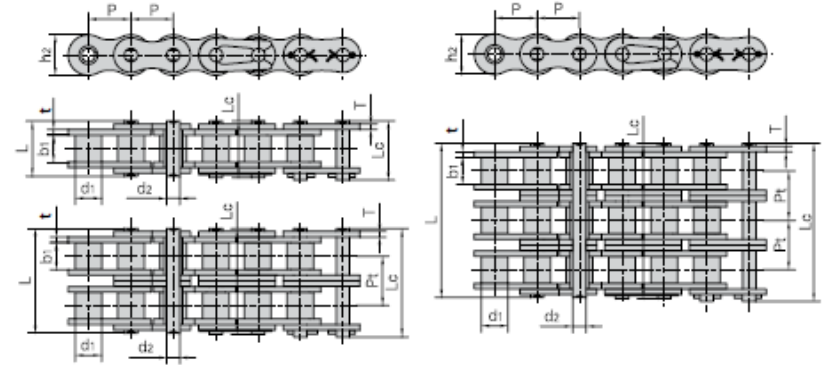


Short Pitch Precision Roller Chains (A series)



Short Pitch Precision Roller Chains (B series)



DIN/ISO Chain No.	ANSI Chain No.	Pitch P	Roller diameter		Width between inner plates		Pin diameter		Pin length		Inner plate depth h2 max	Plate thickness T max	Transverse pitch Pt	Ultimate tensile strength Q min	Average tensile strength Q0	Weight per meter q
			d1 max	b1 min	d2 max	L max	Lc max									
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
16A-1	80	25.40	15.88	15.75	7.92	32.7	35.0	24.00	3.25	-	56.70/12886	69.4	2.60			
20A-1	100	31.75	19.05	18.90	9.53	40.4	44.7	30.00	4.00	-	88.50/20114	109.2	3.91			
24A-1	120	38.10	22.23	25.22	11.10	50.3	54.3	35.70	4.80	-	127.00/28864	156.3	5.62			
28A-1	140	44.45	25.40	25.22	12.70	54.4	59.0	41.00	5.60	-	172.40/39182	212.0	7.50			
32A-1	160	50.80	28.58	31.55	14.27	64.8	69.6	47.80	6.40	-	226.80/51545	278.9	10.10			
36A-1	180	57.15	35.71	35.48	17.46	72.8	78.6	53.60	7.20	-	280.20/63682	341.8	13.45			
40A-1	200	63.50	39.68	37.85	19.85	80.3	87.2	60.00	8.00	-	353.80/80409	431.6	16.15			
48A-1	240	76.20	47.63	47.35	23.81	95.5	103.0	72.39	9.50	-	510.30/115977	622.5	23.20			
16A-2	80-2	25.40	15.88	15.75	7.92	62.7	64.3	24.00	3.25	29.29	113.40/25773	141.8	5.15			
20A-2	100-2	31.75	19.05	18.90	9.53	76.4	80.5	30.00	4.00	35.76	177.00/40227	219.4	7.80			
24A-2	120-2	38.10	22.23	25.22	11.10	95.8	99.7	35.70	4.80	45.44	254.00/57727	314.9	11.70			
28A-2	140-2	44.45	25.40	25.22	12.70	103.3	107.9	41.00	5.60	48.87	344.80/78364	427.5	15.14			
32A-2	160-2	50.80	28.58	31.55	14.27	123.3	128.1	47.80	6.40	58.55	453.60/103091	562.4	20.14			
36A-2	180-2	57.15	35.71	35.48	17.46	138.6	144.4	53.60	7.20	65.84	560.50/127386	695.0	25.22			
40A-2	200-2	63.50	39.68	37.85	19.85	151.9	158.8	60.00	8.00	71.55	707.60/160818	877.4	32.24			
48A-2	240-2	76.20	47.63	47.35	23.81	183.4	190.8	72.39	9.50	87.83	1020.60/213955	1255.3	45.23			
16A-3	80-3	25.40	15.88	15.75	7.92	91.7	93.6	24.00	3.25	29.29	170.1/38659	198.4	7.89			
20A-3	100-3	31.75	19.05	18.90	9.53	112.2	116.3	30.00	4.00	35.76	265.5/60341	309.6	11.77			
24A-3	120-3	38.10	22.23	25.22	11.10	141.4	145.2	35.70	4.80	45.44	381.0/86591	437.2	17.53			
28A-3	140-3	44.45	25.40	25.22	12.70	152.2	156.8	41.00	5.60	48.87	517.2/117545	593.3	22.20			
32A-3	160-3	50.80	28.58	31.55	14.27	181.8	186.6	47.80	6.40	58.55	680.4/154636	780.6	30.02			
36A-3	180-3	57.15	35.71	35.48	17.46	204.4	210.2	53.60	7.20	65.84	840.7/191068	983.6	38.22			
40A-3	200-3	63.50	39.68	37.85	19.85	223.5	230.4	60.00	8.00	71.55	1061.4/241227	1217.8	45.03			
48A-3	240-3	76.20	47.63	47.35	23.81	271.3	278.6	72.39	9.50	87.83	1530.9/347932	1756.5	71.60			

DIN/ISO Chain No.	Pitch P	Roller diameter		Width between inner plates		Pin diameter		Pin length		Inner plate depth h2 max	Plate thickness t/T max	Transverse pitch Pt	Ultimate tensile strength Q min	Average tensile strength Q0	Weight per meter q
		d1 max	b1 min	d2 max	L max	Lc max									
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
16B-1	25.40	15.88	17.02	8.28	36.10	37.4	21.00	4.15/3.10	-	60.0/13636	72.8	2.71			
20B-1	31.75	19.05	19.56	10.19	41.30	45.0	26.40	4.50/3.50	-	95.0/21591	106.7	3.70			
24B-1	38.10	25.40	25.40	14.63	53.40	57.8	33.20	6.00/4.80	-	160.0/36364	178.0	7.10			
28B-1	44.45	27.94	30.99	15.90	65.10	69.5	36.70	7.50/6.00	-	200.0/45455	222.0	8.50			
32B-1	50.80	29.21	30.99	17.81	66.00	71.0	42.00	7.00/6.00	-	250.0/56818	277.5	10.25			
40B-1	63.50	39.37	38.10	22.89	82.20	89.2	52.96	8.50/8.00	-	355.0/80682	394.0	16.35			
48B-1	76.20	48.26	45.72	29.24	99.10	107.0	63.80	12.00/10.00	-	560.0/127272	621.6	25.00			
56B-1	88.90	53.98	53.34	34.32	114.60	123.0	77.80	13.50/12.00	-	850.0/193180	940.0	35.78			
16B-2	25.40	15.88	17.02	8.28	68.00	69.3	21.00	4.15/3.10	31.88	106.0/24091	133.0	5.42			
20B-2	31.75	19.05	19.56	10.19	77.80	81.5	26.40	4.50/3.50	36.45	170.0/38636	211.2	7.20			
24B-2	38.10	25.40	25.40	14.63	101.70	106.2	33.20	6.00/4.80	48.36	280.0/63636	319.2	13.40			
28B-2	44.45	27.94	30.99	15.90	124.60	129.1	36.70	7.50/6.00	59.56	360.0/81818	406.8	16.60			
32B-2	50.80	29.21	30.99	17.81	124.60	129.6	42.00	7.00/6.00	58.55	450.0/102273	508.5	21.00			
40B-2	63.50	39.37	38.10	22.89	154.50	161.5	52.96	8.50/8.00	72.29	630.0/143182	711.9	32.00			
48B-2	76.20	48.26	45.72	29.24	190.40	198.2	63.80	12.00/10.00	91.21	1000.0/227272	1130.0	50.00			
56B-2	88.90	53.98	53.34	34.32	221.20	229.6	77.80	13.50/12.00	106.60	1600.0/363635	1760.0	71.48			
16B-3	25.40	15.88	17.02	8.28	99.80	101.2	21.00	4.15/3.10	31.88	160.0/36364	203.7	8.13			
20B-3	31.75	19.05	19.56	10.19	114.20	117.9	26.40	4.50/3.50	36.45	250.0/56818	290.0	10.82			
24B-3	38.10	25.40	25.40	14.63	150.10	154.6	33.20	6.00/4.80	48.36	425.0/96591	493.0	20.10			
28B-3	44.45	27.94	30.99	15.90	184.20	188.7	36.70	7.50/6.00	59.56	530.0/120454	609.5	24.92			
32B-3	50.80	29.21	30.99	17.81	183.20	188.2	42.00	7.00/6.00	58.55	670.0/152273	770.5	31.56			
40B-3	63.50	39.37	38.10	22.89	226.80	233.8	52.96	8.50/8.00	72.29	950.0/215909	1092.5	48.10			
48B-3	76.20	48.26	45.72	29.24	281.60	289.4	63.80	12.00/10.00	91.21	1500.0/340909	1710.0	75.00			
56B-3	88.90	53.98	53.34	34.32	327.80	336.2	77.80	13.50/12.00	106.60	2240.0/545450	2464.0	107.18			