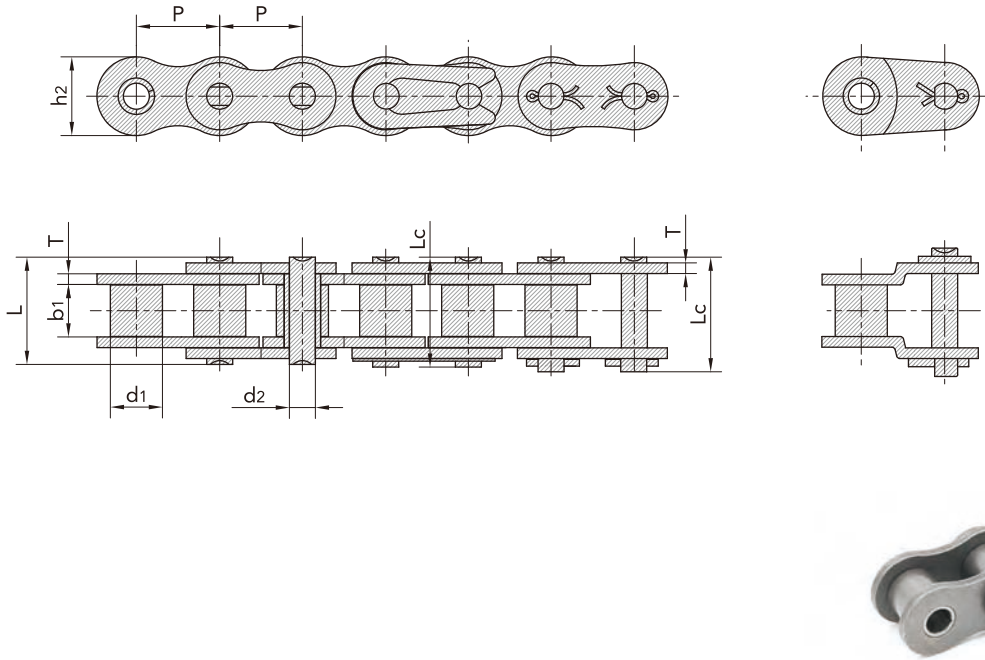


## ***DRIVING CHAINS***



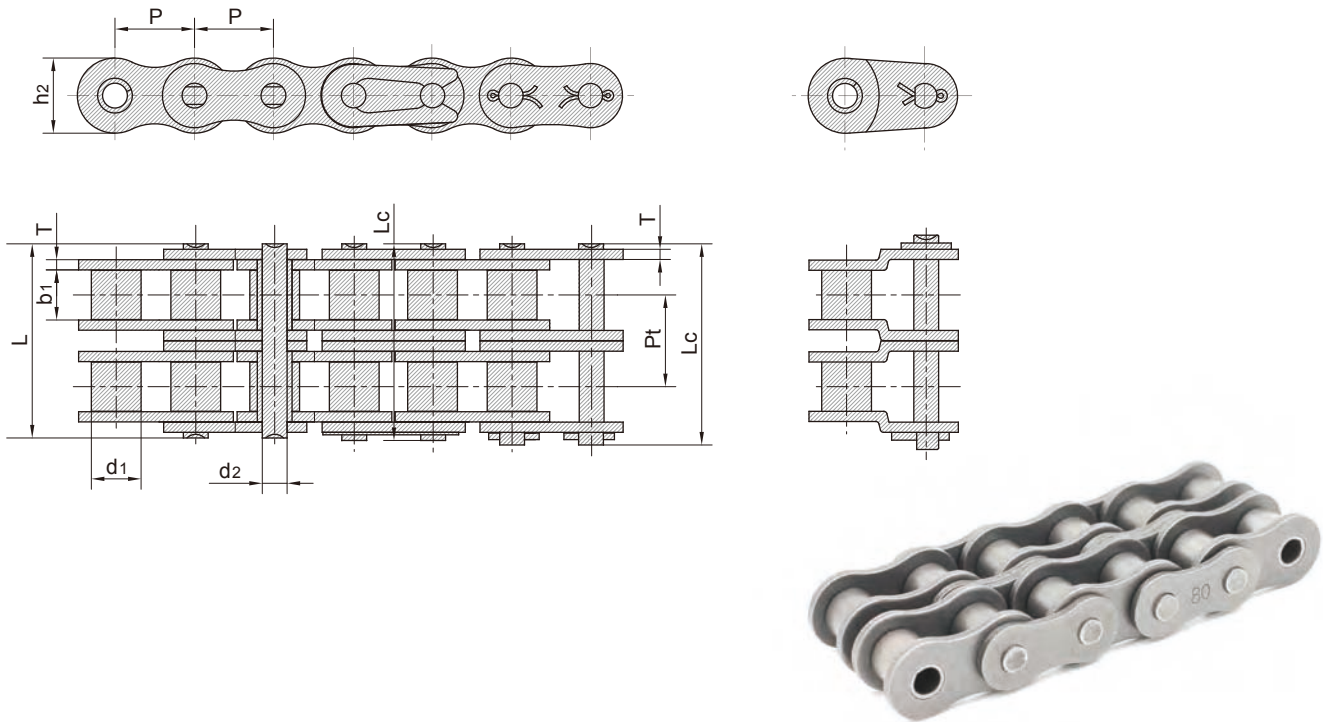
# Short Pitch Precision Roller Chains (A Series)



DIN/ISO Chain No.	ANSI Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN
*03C	*15	4.7625	2.48	2.38	1.62	6.10	6.90	4.30	0.60	1.80/409	2.0	0.08
*04C-1	*25	6.3500	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.50/795	4.6	0.15
*06C-1	*35	9.5250	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90/1795	10.8	0.33
085-1	41	12.7000	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.67/1516	12.6	0.41
08A-1	40	12.7000	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10/3205	17.5	0.62
10A-1	50	15.8750	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20/5045	29.4	1.02
12A-1	60	19.0500	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80/7227	41.5	1.50
16A-1	80	25.4000	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70/12886	69.4	2.60
20A-1	100	31.7500	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50/20114	109.2	3.91
24A-1	120	38.1000	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00/28864	156.3	5.62
28A-1	140	44.4500	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.40/39182	212.0	7.50
32A-1	160	50.8000	28.58	31.55	14.27	64.80	69.60	47.80	6.40	226.80/51545	278.9	10.10
36A-1	180	57.1500	35.71	35.48	17.46	72.80	78.60	53.60	7.20	280.20/63682	341.8	13.45
40A-1	200	63.5000	39.68	37.85	19.85	80.30	87.20	60.00	8.00	353.80/80409	431.6	16.15
48A-1	240	76.2000	47.63	47.35	23.81	95.50	103.00	72.39	9.50	510.30/115977	622.5	23.20

\*Bush chain: d1 in the table indicates the external diameter of the bush.

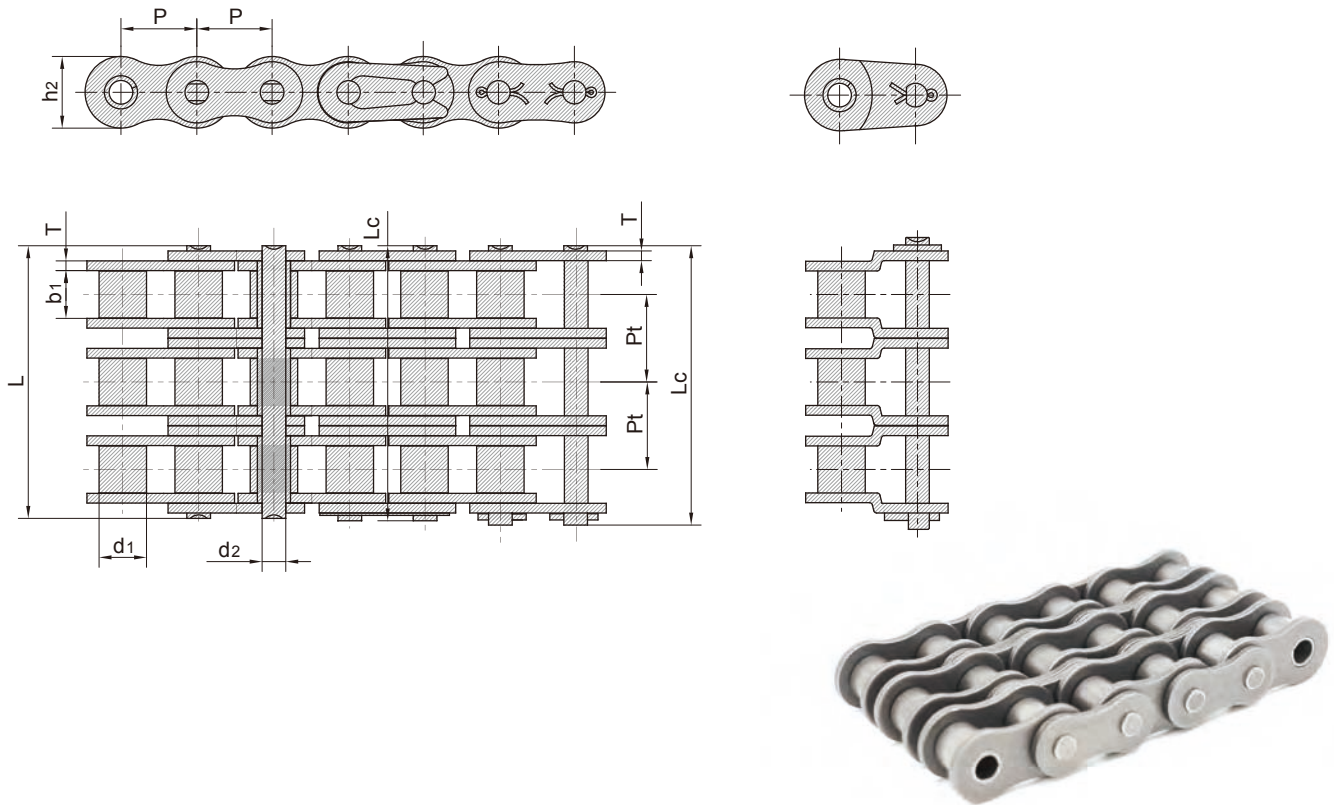
# Short Pitch Precision Roller Chains (A Series)



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	kN/lbf	kN	kg/m
*04C-2	*25-2	6.350	3.30	3.18	2.31	14.5	15.0	6.00	0.80	6.40	7.00/1591	8.6	0.28
*06C-2	*35-2	9.525	5.08	4.77	3.58	22.5	23.3	9.00	1.30	10.13	15.80/3591	19.7	0.63
085-2	41-2	12.700	7.77	6.25	3.58	25.7	26.9	9.91	1.30	11.95	13.34/3032	16.9	0.81
08A-2	40-2	12.700	7.95	7.85	3.96	31.0	32.2	12.00	1.50	14.38	28.20/6409	35.9	1.12
10A-2	50-2	15.875	10.16	9.40	5.08	38.9	40.4	15.09	2.03	18.11	44.40/10091	58.1	2.00
12A-2	60-2	19.050	11.91	12.57	5.94	48.8	50.5	18.00	2.42	22.78	63.60/14455	82.1	2.92
16A-2	80-2	25.400	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	31.750	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	38.100	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	44.450	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	50.800	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	57.150	35.71	35.48	17.46	138.6	144.4	53.60	7.20	65.84	560.50/127386	695.0	29.22
40A-2	200-2	63.500	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	76.200	47.63	47.35	23.81	183.4	190.8	72.39	9.50	87.83	1020.60/213955	1255.3	45.23

\*Bush chain: d1 in the table indicates the external diameter of the bush.

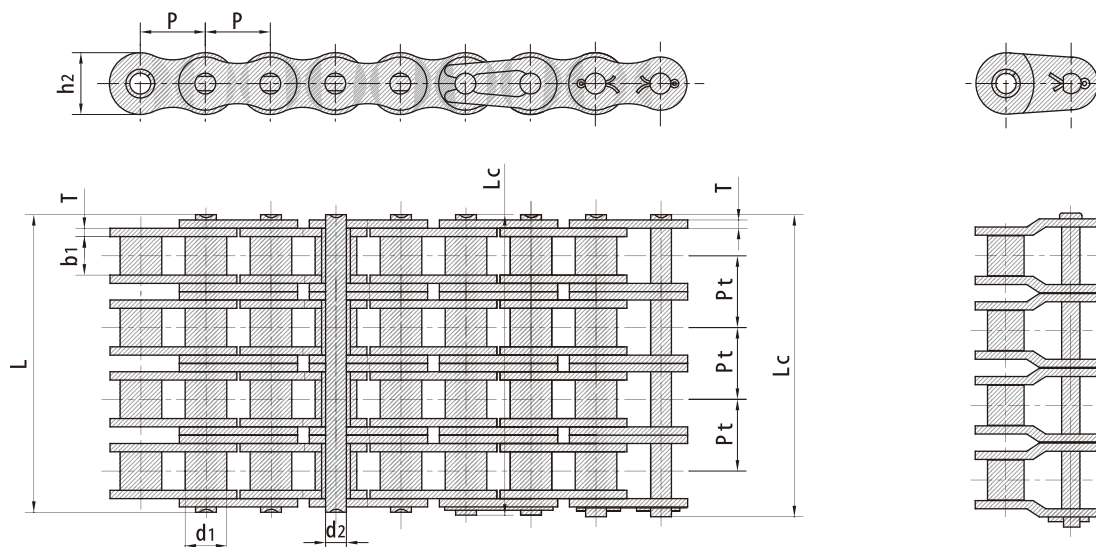
# Short Pitch Precision Roller Chains (A Series)



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	kN/lbf	kN	kg/m
*04C-3	*25-3	6.350	3.30	3.18	2.31	21.0	21.5	6.00	0.80	6.40	10.5/2386	12.6	0.44
*06C-3	*35-3	9.525	5.08	4.77	3.58	32.7	33.5	9.00	1.30	10.13	23.7/5386	28.6	1.05
08A-3	40-3	12.700	7.95	7.85	3.96	45.4	46.6	12.00	1.50	14.38	42.3/9614	50.0	1.90
10A-3	50-3	15.875	10.16	9.40	5.08	57.0	58.5	15.09	2.03	18.11	66.6/15136	77.8	3.09
12A-3	60-3	19.050	11.91	12.57	5.94	71.5	73.3	18.00	2.42	22.78	95.4/21682	111.1	4.54
16A-3	80-3	25.400	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	31.750	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	38.100	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	44.450	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	50.800	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	57.150	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	63.500	39.68	37.85	19.85	223.5	230.4	60.00	8.00	71.55	1061.4/241227	1217.8	49.03
48A-3	240-3	76.200	47.63	47.35	23.81	271.3	278.6	72.39	9.50	87.83	1530.9/347932	1756.5	71.60

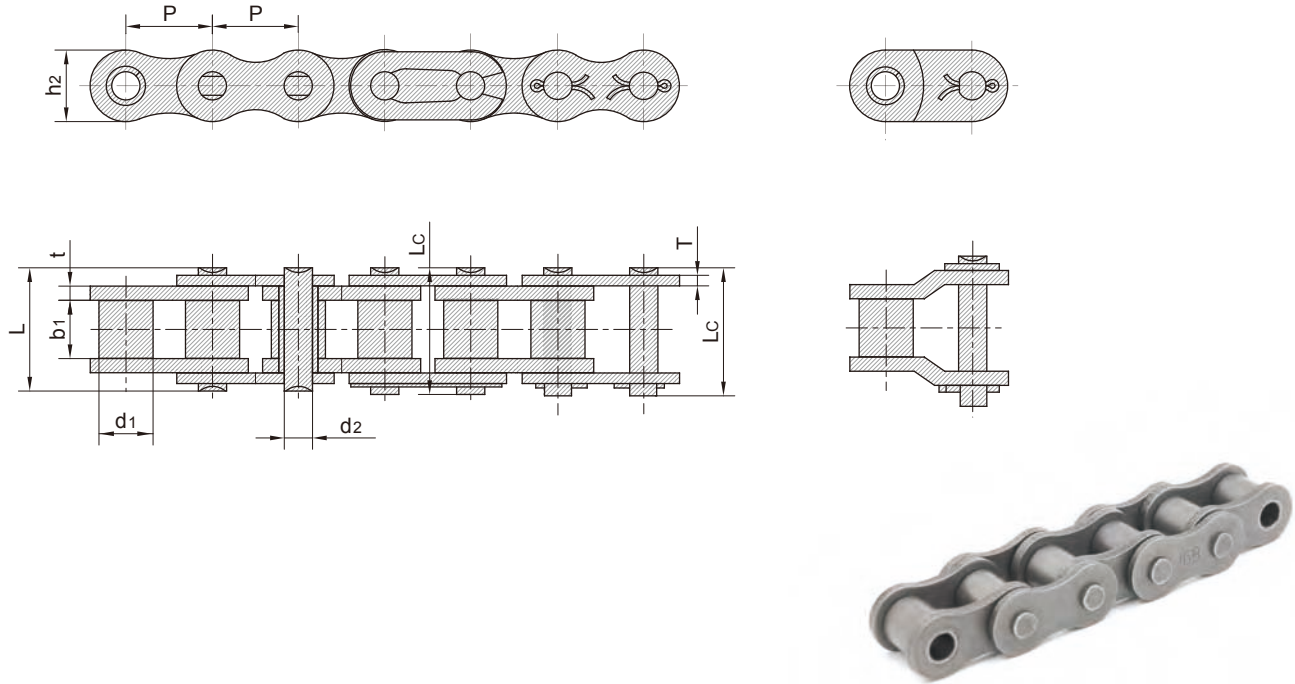
\*Bush chain: d1 in the table indicates the external diameter of the bush.

# Short Pitch Precision Roller Chains (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	kN/lbf	kN	kg/m
08A-4	40-4	12.700	7.95	7.85	3.96	59.8	61.0	12.00	1.50	14.38	56.4/12687	62.04	2.57
10A-4	50-4	15.875	10.16	9.40	5.08	75.1	76.6	15.09	2.03	18.11	88.8/19976	97.68	4.30
12A-4	60-4	19.050	11.91	12.57	5.94	94.4	96.1	18.00	2.42	22.78	127.2/28614	139.92	6.21
16A-4	80-4	25.400	15.88	15.75	7.92	121.0	124.4	24.00	3.25	29.29	226.8/51020	249.48	10.37
20A-4	100-4	31.750	19.05	18.90	9.53	147.8	152.1	30.00	4.00	35.76	354.0/79635	389.40	15.60
24A-4	120-4	38.100	22.23	25.22	11.10	187.0	190.8	35.70	4.80	45.44	508.0/114278	558.80	23.56
08A-5	40-5	12.700	7.95	7.85	3.96	74.2	75.4	12.00	1.50	14.38	70.5/15859	77.55	3.19
10A-5	50-5	15.875	10.16	9.40	5.08	93.2	94.7	15.09	2.03	18.11	111.0/24970	122.10	5.37
12A-5	60-5	19.050	11.91	12.57	5.94	117.0	118.8	18.00	2.42	22.78	159.0/35768	174.90	7.75
16A-5	80-5	25.400	15.88	15.75	7.92	149.9	153.7	24.00	3.25	29.29	283.5/63775	311.85	12.96
20A-5	100-5	31.750	19.05	18.90	9.53	183.6	187.9	30.00	4.00	35.76	442.5/99543	486.75	19.46
24A-5	120-5	38.100	22.23	25.22	11.10	232.3	236.1	35.70	4.80	45.44	635.0/142848	698.50	29.40
08A-6	40-6	12.700	7.95	7.85	3.96	88.5	89.8	12.00	1.50	14.38	84.6/19031	93.06	3.83
10A-6	50-6	15.875	10.16	9.40	5.08	111.3	112.8	15.09	2.03	18.11	133.2/29964	146.52	6.43
12A-6	60-6	19.050	11.91	12.57	5.94	139.8	141.8	18.00	2.42	22.78	190.8/42921	209.80	9.31
16A-6	80-6	25.400	15.88	15.75	7.92	179.2	183.0	24.00	3.25	29.29	340.2/76530	374.22	15.50
20A-6	100-6	31.750	19.05	18.90	9.53	219.4	223.7	30.00	4.00	35.76	531.0/119452	584.10	23.36
24A-6	120-6	38.100	22.23	25.22	11.10	278.0	282.0	35.70	4.80	45.44	762.0/171417	838.20	35.30
08A-8	40-8	12.700	7.95	7.85	3.96	117.3	118.5	12.00	1.50	14.38	112.8/25375	124.08	5.11
10A-8	50-8	15.875	10.16	9.40	5.08	147.5	149.0	15.09	2.03	18.11	177.6/39952	195.36	8.59
12A-8	60-8	19.050	11.91	12.57	5.94	185.8	187.6	18.00	2.42	22.78	254.4/57229	279.84	12.37
16A-8	80-8	25.400	15.88	15.75	7.92	237.8	241.6	24.00	3.25	29.29	453.6/102040	498.96	20.67
20A-8	100-8	31.750	19.05	18.90	9.53	290.8	295.1	30.00	4.00	35.76	708.0/159270	778.80	31.14
24A-8	120-8	38.100	22.23	25.22	11.10	368.8	372.8	35.70	4.80	45.44	1016.0/228557	1176	47.07

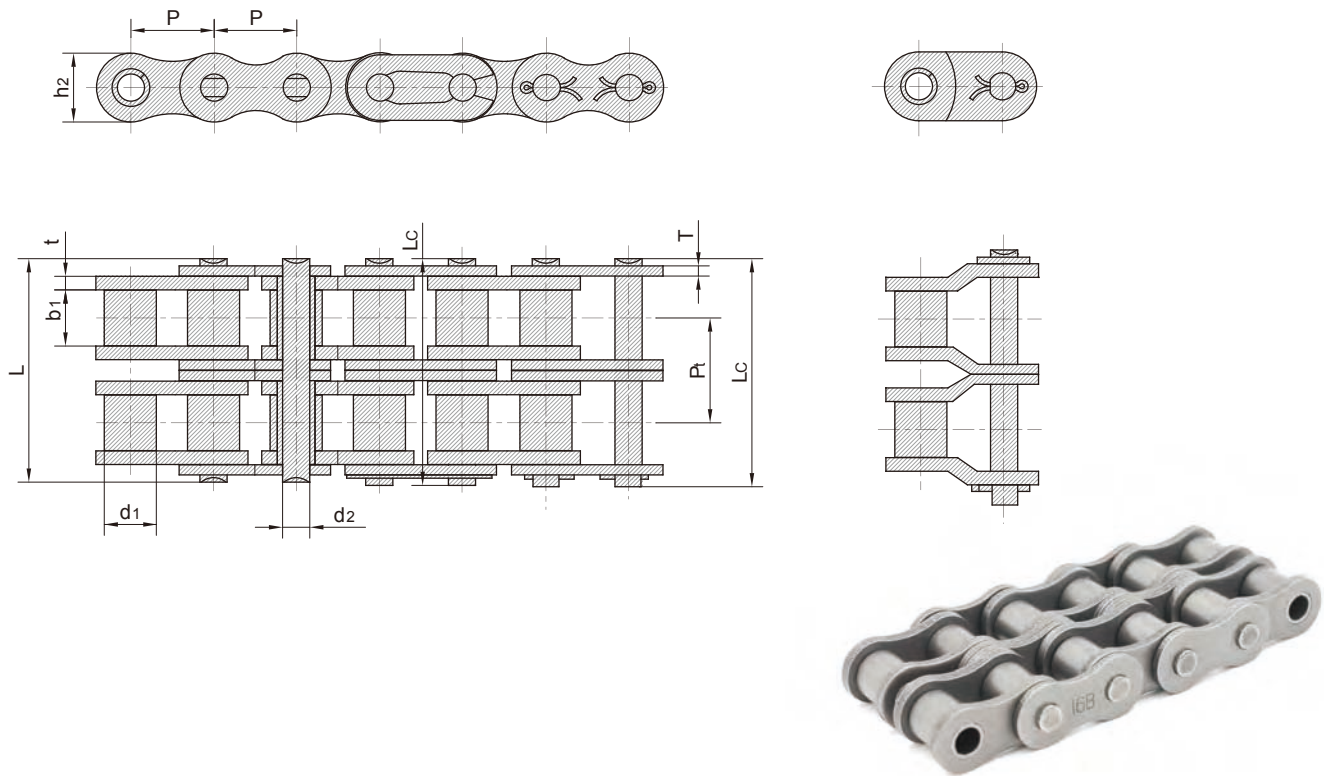
# Short Pitch Precision Roller Chains (B Series)



DIN/ISO Chain No.	Pitch P	Roller diameter d1 max	Width between inner plates b1 min	Pin diameter d2 max	Pin length		Inner plate depth h2 max	Plate thickness t/T max	Ultimate tensile strength Q min	Average tensile strength Q0	Weight per meter q
	mm	mm	mm	mm	L max	Lc max	mm	mm	kN/lbf	kN	kg/m
04B-1	6.000	4.00	2.80	1.85	6.80	7.8	5.00	0.60	3.0/682	3.2	0.11
05B-1	8.000	5.00	3.00	2.31	8.20	8.9	7.10	0.80	5.0/1136	5.9	0.20
*06B-1	9.525	6.35	5.72	3.28	13.15	14.1	8.20	1.30	9.0/2045	10.4	0.41
08B-1	12.700	8.51	7.75	4.45	16.70	18.2	11.80	1.60	18.0/4091	19.4	0.69
10B-1	15.875	10.16	9.65	5.08	19.50	20.9	14.70	1.70	22.4/5091	27.5	0.93
12B-1	19.050	12.07	11.68	5.72	22.50	24.2	16.00	1.85	29.0/6591	32.2	1.15
16B-1	25.400	15.88	17.02	8.28	36.10	37.4	21.00	4.15/3.1	60.0/13636	72.8	2.71
20B-1	31.750	19.05	19.56	10.19	41.30	45.0	26.40	4.50/3.5	95.0/21591	106.7	3.70
24B-1	38.100	25.40	25.40	14.63	53.40	57.8	33.20	6.00/4.8	160.0/36364	178.0	7.10
28B-1	44.450	27.94	30.99	15.90	65.10	69.5	36.70	7.50/6.0	200.0/45455	222.0	8.50
32B-1	50.800	29.21	30.99	17.81	66.00	71.0	42.00	7.00/6.0	250.0/56818	277.5	10.25
40B-1	63.500	39.37	38.10	22.89	82.20	89.2	52.96	8.50/8.0	355.0/80682	394.0	16.35
48B-1	76.200	48.26	45.72	29.24	99.10	107.0	63.80	12.00/10.0	560.0/127272	621.6	25.00
56B-1	88.900	53.98	53.34	34.32	114.6	123.0	77.80	13.50/12.0	850.0/193180	940.0	35.78
64B-1	101.600	63.50	60.96	39.40	130.0	138.5	90.17	15.00/13.0	1120.0/254544	1240.0	46.00
72B-1	114.300	72.39	68.58	44.48	147.4	156.4	103.60	17.00/15.0	1400.0/318180	1550.0	60.80

\*Straight side plates

# Short Pitch Precision Roller Chains (B Series)

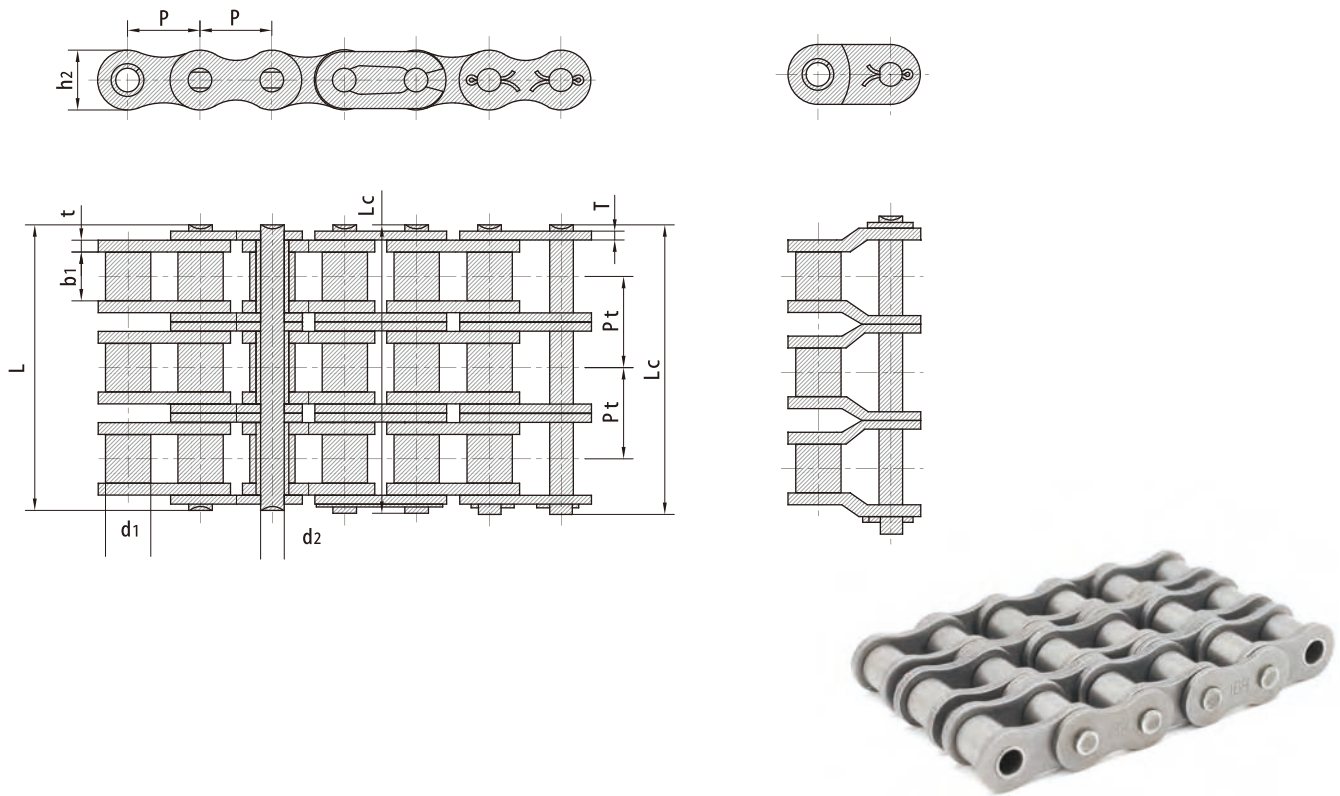


DIN/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
05B-2	8.000	5.00	3.00	2.31	13.9	14.5	7.10	0.80	5.64	7.8/1773	10.2	0.33
*06B-2	9.525	6.35	5.72	3.28	23.4	24.4	8.20	1.30	10.24	16.9/3841	18.7	0.77
08B-2	12.7000	8.51	7.75	4.45	31.0	32.2	11.80	1.60	13.92	32.0/7273	38.7	1.34
10B-2	15.875	10.16	9.65	5.08	36.1	37.5	14.70	1.70	16.59	44.5/10114	56.2	1.84
12B-2	19.050	12.07	11.68	5.72	42.0	43.6	16.00	1.85	19.46	57.8/13136	66.1	2.31
16B-2	25.400	15.88	17.02	8.28	68.0	69.3	21.00	4.15/3.1	31.88	106.0/24091	133.0	5.42
20B-2	31.750	19.05	19.56	10.19	77.8	81.5	26.40	4.50/3.5	36.45	170.0/38636	211.2	7.20
24B-2	38.100	25.40	25.40	14.63	101.7	106.2	33.20	6.00/4.8	48.36	280.0/63636	319.2	13.40
28B-2	44.450	27.94	30.99	15.90	124.6	129.1	36.70	7.50/6.0	59.56	360.0/81818	406.8	16.60
32B-2	50.800	29.21	30.99	17.81	124.6	129.6	42.00	7.00/6.0	58.55	450.0/102273	508.5	21.00
40B-2	63.500	39.37	38.10	22.89	154.5	161.5	52.96	8.50/8.0	72.29	630.0/143182	711.9	32.00
48B-2	76.200	48.26	45.72	29.24	190.4	198.2	63.80	12.00/10.0	91.21	1000.0/227272	1130.0	50.00
56B-2	88.900	53.98	53.34	34.32	221.2	229.6	77.80	13.50/12.0	106.60	1600.0/363635	1760.0	71.48
64B-2	101.600	63.50	60.96	39.40	249.9	258.4	90.17	15.00/13.0	119.89	2000.0/454544	2200.0	91.00
72B-2	114.300	72.39	68.58	44.48	283.7	292.7	103.60	17.00/15.0	136.27	2500.0/568180	2750.0	120.40

\*Straight side plates



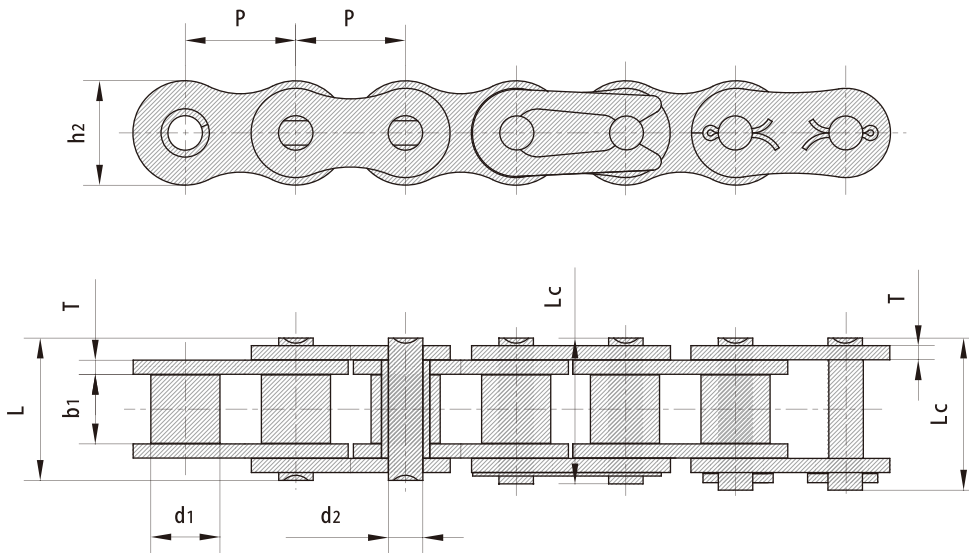
# Short Pitch Precision Roller Chains (B Series)



DIN/ISO 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/T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
05B-3	8.000	5.00	3.00	2.31	19.5	20.2	7.10	0.80	5.64	11.1/2523	13.8	0.48
*06B-3	9.525	6.35	5.72	3.28	33.5	34.6	8.20	1.30	10.24	24.9/5659	30.1	1.16
08B-3	12.7000	8.51	7.75	4.45	45.1	46.1	11.80	1.60	13.92	47.5/10795	57.8	2.03
10B-3	15.875	10.16	9.65	5.08	52.7	54.1	14.70	1.70	16.59	66.7/15159	84.5	2.77
12B-3	19.050	12.07	11.68	5.72	61.5	63.1	16.00	1.85	19.46	86.7/19705	101.8	3.46
16B-3	25.400	15.88	17.02	8.28	99.8	101.2	21.00	4.15/3.1	31.88	160.0/36364	203.7	8.13
20B-3	31.750	19.05	19.56	10.19	114.2	117.9	26.40	4.50/3.5	36.45	250.0/56818	290.0	10.82
24B-3	38.100	25.40	25.40	14.63	150.1	154.6	33.20	6.00/4.8	48.36	425.0/96591	493.0	20.10
28B-3	44.450	27.94	30.99	15.90	184.2	188.7	36.70	7.50/6.0	59.56	530.0/120454	609.5	24.92
32B-3	50.800	29.21	30.99	17.81	183.2	188.2	42.00	7.00/6.0	58.55	670.0/152273	770.5	31.56
40B-3	63.500	39.37	38.10	22.89	226.8	233.8	52.96	8.50/8.0	72.29	950.0/215909	1092.5	48.10
48B-3	76.200	48.26	45.72	29.24	281.6	289.4	63.80	12.00/10.0	91.21	1500.0/340909	1710.0	75.00
56B-3	88.900	53.98	53.34	34.32	327.8	336.2	77.80	13.50/12.0	106.60	2240.0/545450	2464.0	107.18
64B-3	101.600	63.50	60.96	39.40	369.8	378.3	90.17	15.00/13.0	119.89	3000.0/681820	3300.0	136.00
72B-3	114.300	72.39	68.58	44.48	420.0	429.0	103.60	17.00/15.0	136.27	3750.0/852270	4125.0	180.00

\*Straight side plates

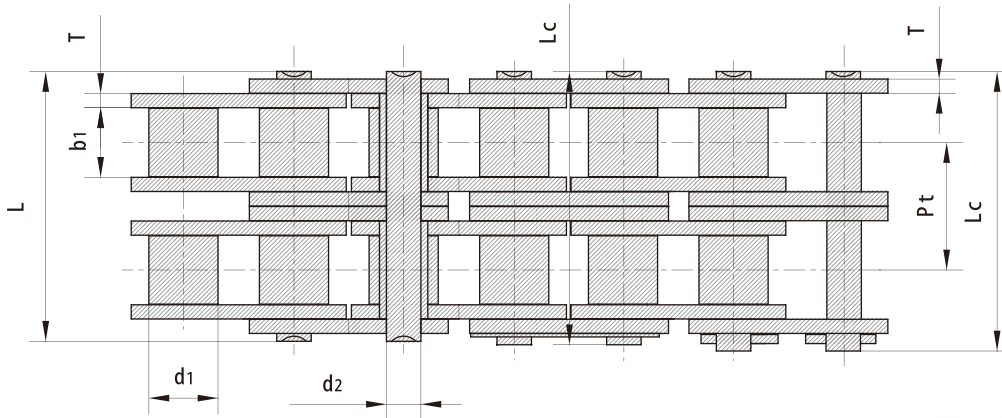
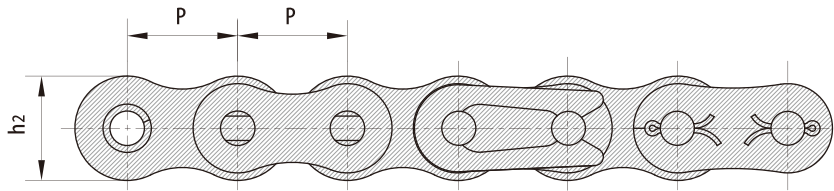
# Heavy Duty Series Roller Chains



DIN/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
*35H-1	9.525	5.08	4.77	3.58	13.3	14.3	9.00	1.50	7.9/1795	10.8	0.41
40H-1	12.700	7.95	7.85	3.96	18.8	19.9	12.00	2.03	14.1/3205	19.1	0.82
50H-1	15.875	10.16	9.40	5.08	22.1	23.4	15.09	2.42	22.2/5045	30.2	1.25
60H-1	19.050	11.91	12.57	5.94	29.2	31.0	18.00	3.25	31.8/7227	42.7	1.87
80H-1	25.400	15.88	15.75	7.92	36.2	37.7	24.00	4.00	56.7/12886	71.4	3.10
100H-1	31.750	19.05	18.90	9.53	43.6	46.9	30.00	4.80	88.5/20114	112.4	4.52
120H-1	38.100	22.23	25.22	11.10	53.5	57.5	35.70	5.60	127.0/28864	160.9	6.60
140H-1	44.450	25.40	25.22	12.70	57.6	62.2	41.00	6.40	172.4/39182	217.3	8.30
160H-1	50.800	28.58	31.55	14.27	68.2	73.0	47.80	7.20	226.8/51545	285.8	10.30
180H-1	57.150	35.71	35.48	17.46	75.9	81.6	53.60	8.00	281.0/63863	341.8	14.83
200H-1	63.500	39.68	37.85	19.85	86.6	93.5	60.00	9.50	353.8/80409	444.5	19.16
240H-1	76.200	47.63	47.35	23.81	109.6	115.9	72.30	12.70	510.3/115977	622.5	30.40

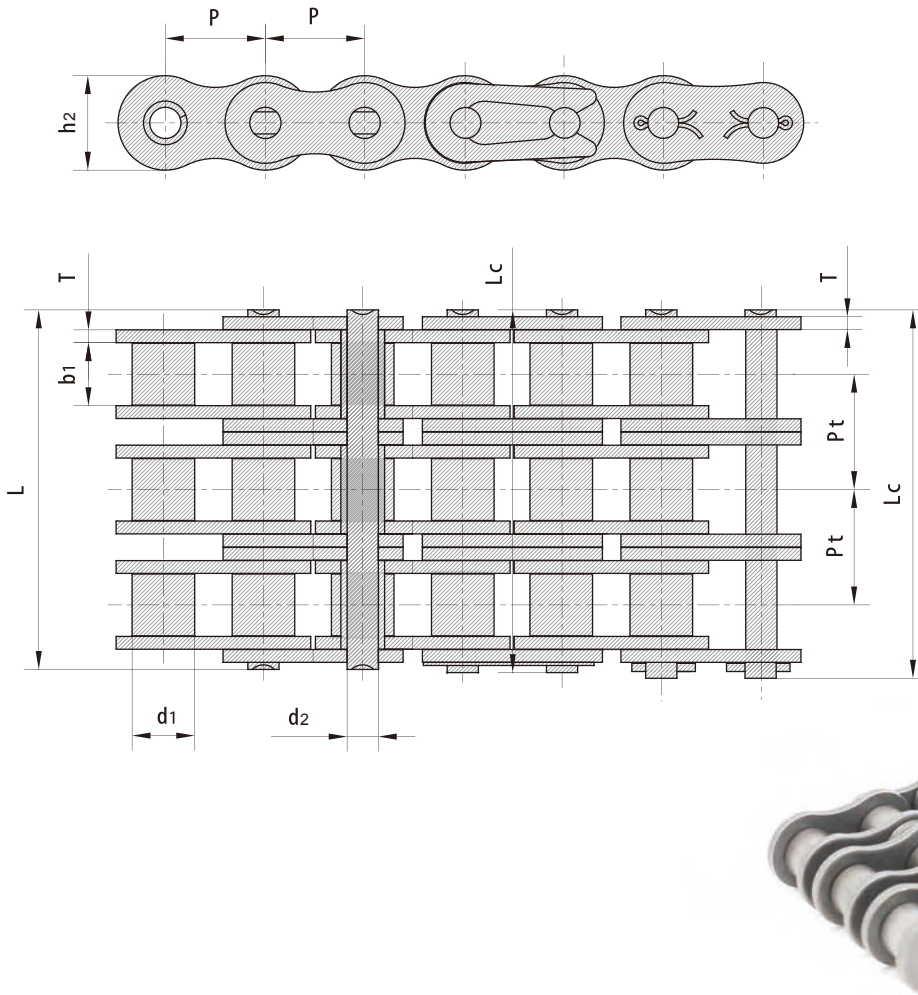
\*Bush chain: d1 in the table indicates the external diameter of the bush.

# Heavy Duty Series Roller Chains



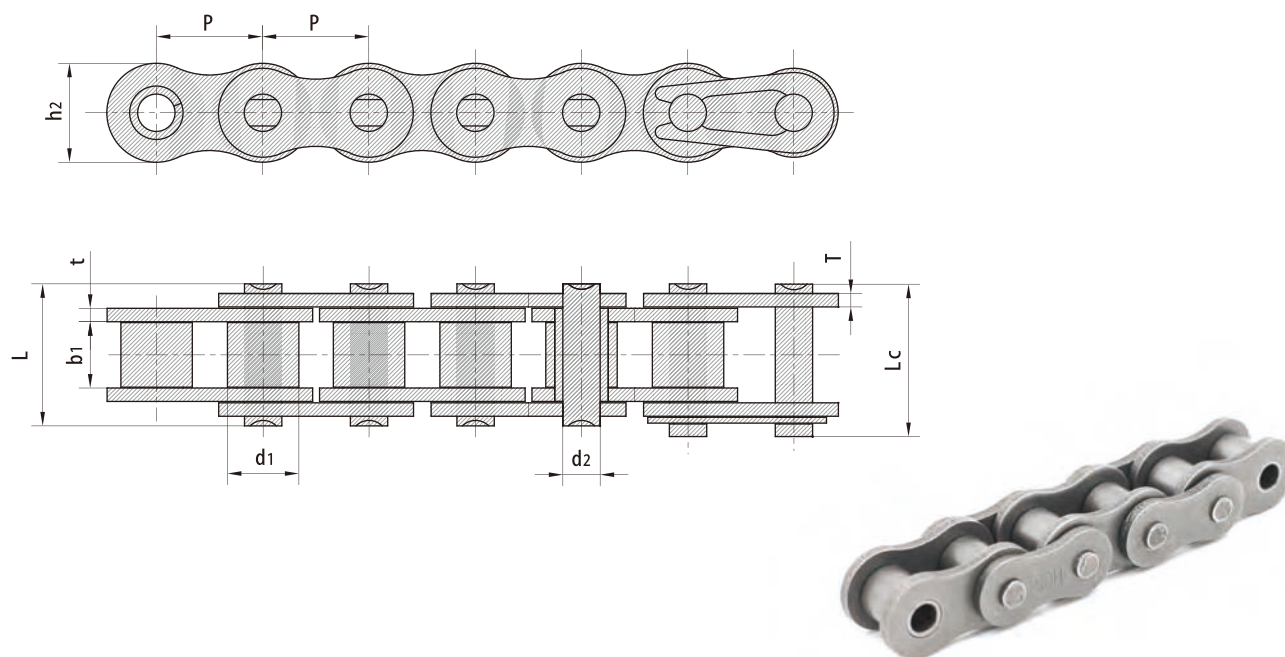
DIN/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
60H-2	19.050	11.91	12.57	5.94	55.3	57.1	18.00	3.25	26.11	63.6/14455	84.5	3.71
80H-2	25.400	15.88	15.75	7.92	68.8	70.3	24.00	4.00	32.59	113.4/25773	145.3	6.15
100H-2	31.750	19.05	18.90	9.53	82.7	86.0	30.00	4.80	39.09	177.0/40227	225.9	9.03
120H-2	38.100	22.23	25.22	11.10	102.4	106.4	35.70	5.60	48.87	254.0/57727	322.7	13.13
140H-2	44.450	25.40	25.22	12.70	109.8	114.4	41.00	6.40	52.20	344.8/78364	437.7	16.60
160H-2	50.800	28.58	31.55	14.27	130.1	134.9	47.80	7.20	61.90	453.6/103091	571.6	20.20
180H-2	57.150	35.71	35.48	17.46	146.5	155.6	53.60	8.00	69.16	562.0/127726	680.0	29.20
200H-2	63.500	39.68	37.85	19.85	164.9	171.8	60.00	9.50	78.31	707.6/160818	894.9	38.11
240H-2	76.200	47.63	47.35	23.81	212.6	223.1	72.30	12.70	101.22	1000.0/227270	1200.0	60.50

# Heavy Duty Series Roller Chains



DIN/ISO 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	kN/lbf	kN	kg/m
60H-3	19.050	11.91	12.57	5.94	81.4	83.2	18.00	3.25	26.11	95.4/21682	113.9	5.54
80H-3	25.400	15.88	15.75	7.92	101.4	102.9	24.00	4.00	32.59	170.1/38659	203.5	9.42
100H-3	31.750	19.05	18.90	9.53	121.8	125.1	30.00	4.80	39.09	265.5/60341	314.8	12.96
120H-3	38.100	22.23	25.22	11.10	151.2	155.2	35.70	5.60	48.87	381.0/86591	444.7	19.64
140H-3	44.450	25.40	25.22	12.70	162.0	166.6	41.00	6.40	52.20	517.2/117545	598.4	24.90
160H-3	50.800	28.58	31.55	14.27	192.0	196.8	47.80	7.20	61.90	680.4/154636	787.3	30.10
180H-3	57.150	35.71	35.48	17.46	215.7	224.8	53.60	8.00	69.16	843.0/191589	1011.0	44.10
200H-3	63.500	39.68	37.85	19.85	243.2	250.1	60.00	9.50	78.31	1061.4/241227	1228.2	57.06
240H-3	76.200	47.63	47.35	23.81	313.8	324.3	72.30	12.70	101.22	1500.0/340905	1650.0	91.00

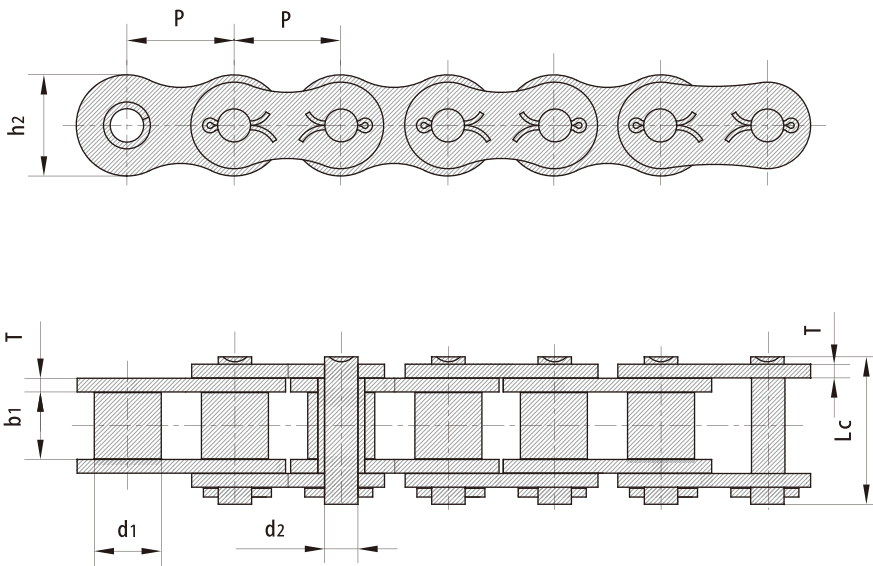
# Heavy Duty Series Roller Chains



DIN/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kg/m
04BH	6.000	4.00	2.80	1.85	8.4	9.4	5.0	0.90	5.00/1136	0.14
*06BH	9.525	6.35	5.72	3.58	14.4	15.4	8.2	1.60	11.25/2557	0.51
08AHF1	12.700	7.95	10.00	3.96	21.0	22.2	12.0	2.03	13.80/3136	0.88
08BH	12.700	8.51	7.85	4.45	18.8	19.9	11.8	2.03	20.60/4682	0.79
10BH	15.875	10.16	9.65	5.08	20.2	21.6	14.7	1.85	25.00/5681	1.03
12BH	19.050	12.07	11.68	6.10	25.2	26.8	16.8	2.50	35.00/7954	1.45
12BHF1	19.050	12.07	11.68	6.10	25.0	27.2	16.5	2.50	44.00/10000	1.46
12BHF2	19.050	12.07	13.30	6.10	28.8	30.3	16.5	2.80	35.00/7954	1.72
12BHF3	19.050	12.07	13.50	5.72	28.8	30.3	16.5	2.80	35.00/7954	1.71
12BV	19.050	12.07	11.68	6.10	24.5	26.5	16.0	2.42	36.00/8182	1.43
60HV	19.050	11.91	12.57	5.94	29.2	31.0	18.0	3.25	40.00/9090	2.00
16BH	25.400	15.88	17.02	8.90	37.9	40.9	24.1	4.50/3.5	80.00/18182	-
16BHF3	25.400	15.88	12.70	8.90	31.6	35.0	24.1	4.00/3.1	80.00/18182	2.90
24BH	38.100	25.40	25.40	14.63	58.6	63.4	36.2	7.50/6.0	225.00/51136	9.00
24BHF2	38.100	25.40	25.40	14.63	57.8	62.2	37.0	7.2/6.0	225.40/51226	9.06
24BHF5	38.100	25.40	25.40	14.63	64.6	69.1	36.2	9.00/7.5	270.00/61344	10.60
16BHF1	25.400	15.88	17.02	8.90	36.4	39.4	24.1	4.15/3.1		-

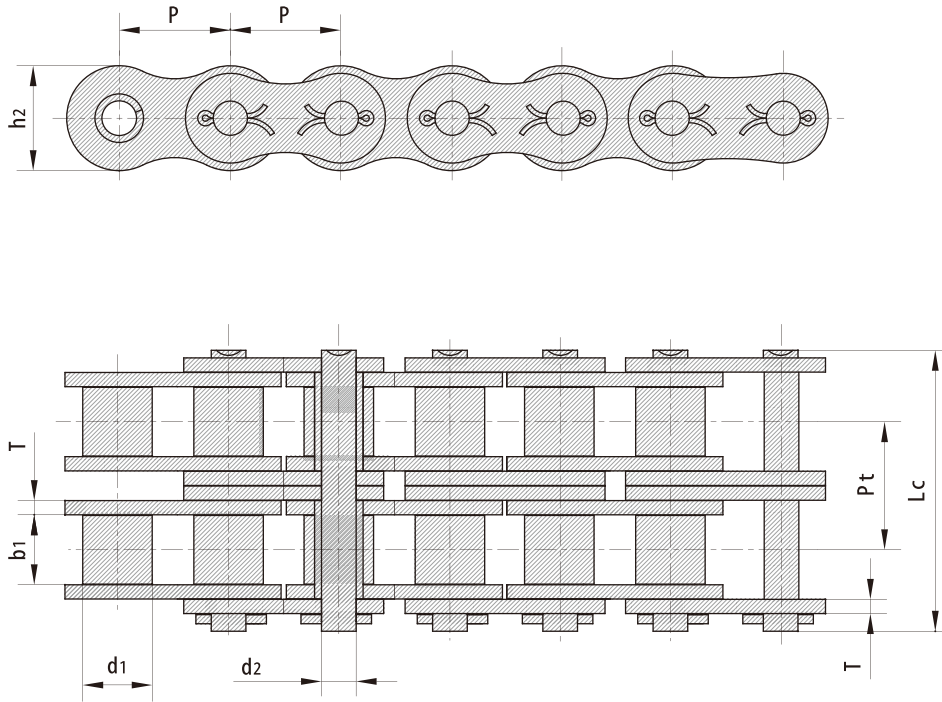
\*Straight side plates

# Cottered Type Short Pitch Precision Roller Chains (A Series)



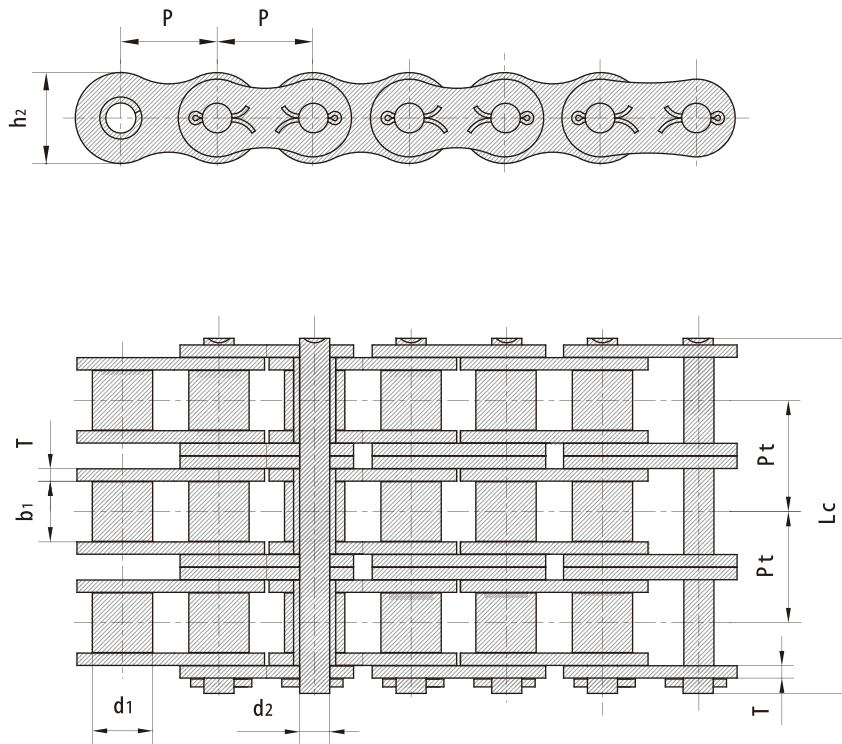
DIN/ISO Chain No.	ANSI Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	Lc max	h2 max	T max	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
10A-1	50-1	15.875	10.16	9.40	5.08	23.3	15.09	2.03	22.20/5045	29.4	1.02
12A-1	60-1	19.050	11.91	12.57	5.94	28.3	18.00	2.42	31.80/7227	41.5	1.50
16A-1	80-1	25.400	15.88	15.75	7.92	36.5	24.00	3.25	56.70/12886	69.5	2.60
20A-1	100-1	31.750	19.05	18.90	9.53	44.7	30.00	4.00	88.50/20114	109.2	3.91
24A-1	120-1	38.100	22.23	25.22	11.10	54.3	35.70	4.80	127.00/28864	156.3	5.62
28A-1	140-1	44.450	25.40	25.22	12.70	59.0	41.00	5.60	172.40/39182	212.0	7.50
32A-1	160-1	50.800	28.58	31.55	14.27	69.6	47.80	6.40	226.80/51545	278.9	10.10
36A-1	180-1	57.150	35.71	35.48	17.46	78.6	53.60	7.20	280.20/63682	341.8	13.45
40A-1	200-1	63.500	39.68	37.85	19.85	87.2	60.00	8.00	353.80/80409	431.6	16.15
48A-1	240-1	76.200	47.63	47.35	23.81	103.0	72.39	9.50	510.30/115977	622.5	23.20

# Cottered Type Short Pitch Precision Roller Chains (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	Lc max	h2 max	T max	Pt	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
10A-2	50-2	15.875	10.16	9.40	5.08	41.2	15.09	2.03	18.11	44.4/10091	58.1	2.00
12A-2	60-2	19.050	11.91	12.57	5.94	51.1	18.00	2.42	22.78	63.6/14455	82.1	2.92
16A-2	80-2	25.400	15.88	15.75	7.92	65.8	24.00	3.25	29.29	113.4/25773	141.8	5.15
20A-2	100-2	31.750	19.05	18.90	9.53	80.5	30.00	4.00	35.76	177.0/40227	219.4	7.80
24A-2	120-2	38.100	22.23	25.22	11.10	99.7	35.70	4.80	45.44	254.0/57727	314.9	11.70
28A-2	140-2	44.450	25.40	25.22	12.70	107.9	41.00	5.60	48.87	344.8/78364	427.5	15.14
32A-2	160-2	50.800	28.58	31.55	14.27	128.1	47.80	6.40	58.55	453.6/103091	562.4	20.14
36A-2	180-2	57.150	35.71	35.48	17.46	144.4	53.60	7.20	65.84	560.5/127386	695.0	29.22
40A-2	200-2	63.500	39.68	37.85	19.85	158.8	60.00	8.00	71.55	707.6/160818	877.4	32.24
48A-2	240-2	76.200	47.63	47.35	23.81	190.8	72.39	9.50	87.83	1020.6/231955	1255.3	45.23

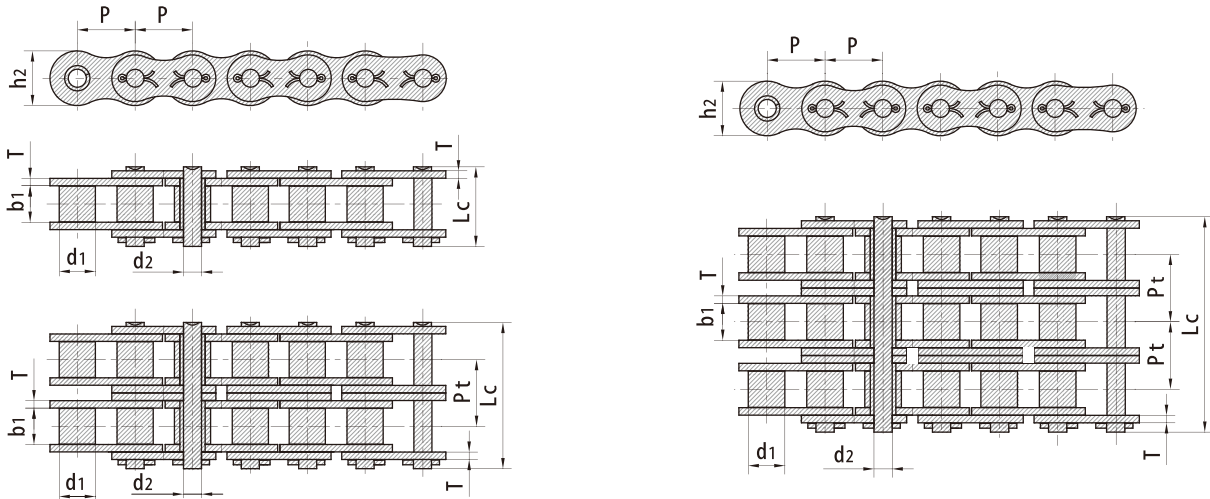
# Cottered Type Short Pitch Precision Roller Chains (A Series)



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	Lc max	h2 max	T max	Pt	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
10A-3	50-3	15.875	10.16	9.40	5.08	59.3	15.09	2.03	18.11	66.6/15136	77.8	3.09
12A-3	60-3	19.050	11.91	12.57	5.94	73.9	18.00	2.42	22.78	95.4/21682	111.1	4.54
16A-3	80-3	25.400	15.88	15.75	7.92	95.1	24.00	3.25	29.29	170.1/38659	198.4	7.89
20A-3	100-3	31.750	19.05	18.90	9.53	116.3	30.00	4.00	35.76	265.5/60341	309.6	11.77
24A-3	120-3	38.100	22.23	25.22	11.10	145.2	35.70	4.80	45.44	381.0/86591	437.2	17.53
28A-3	140-3	44.450	25.40	25.22	12.70	156.8	41.00	5.60	48.87	517.2/117545	593.3	22.20
32A-3	160-3	50.800	28.58	31.55	14.27	186.6	47.80	6.40	58.55	680.4/154636	780.6	30.02
36A-3	180-3	57.150	35.71	35.48	17.46	210.2	53.60	7.20	65.84	840.7/191068	983.6	38.22
40A-3	200-3	63.500	39.68	37.85	19.85	230.4	60.00	8.00	71.55	1061.4/241227	1217.8	49.03
48A-3	240-3	76.200	47.63	47.35	23.81	278.6	72.39	9.50	87.83	1530.9/347932	1756.5	71.60

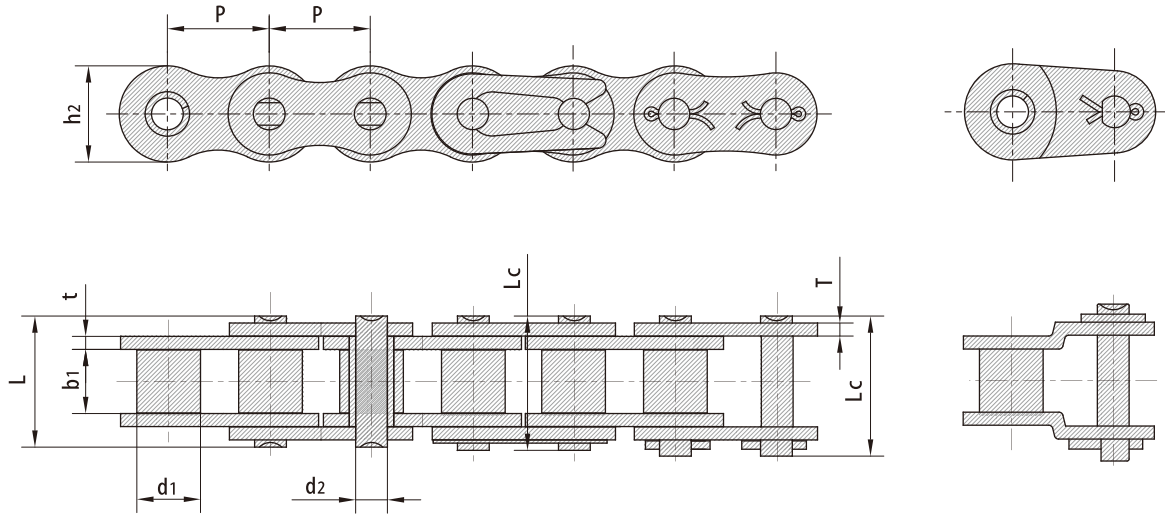


# Heavy Duty Series Cottered Type Roller Chains



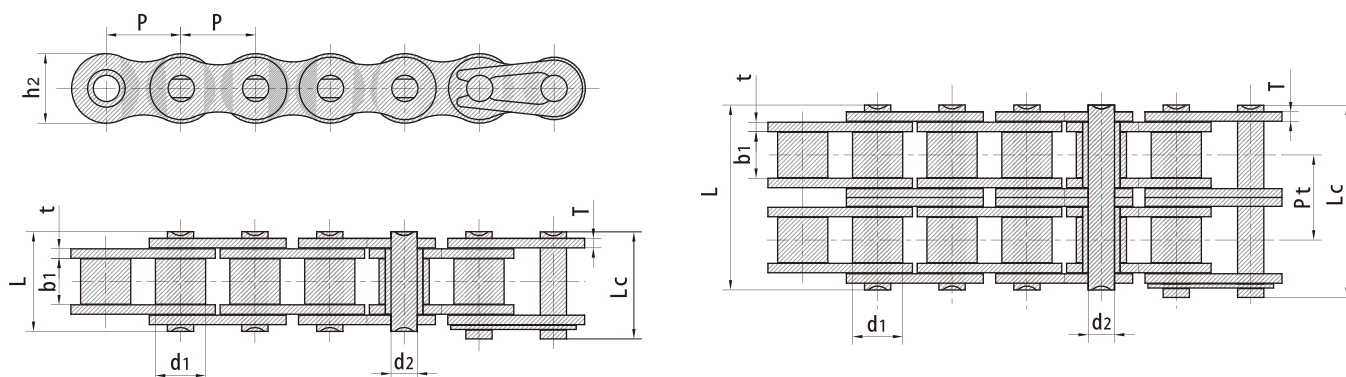
DIN/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	h2 max	T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
50H-1	15.875	10.16	9.40	5.08	24.4	15.09	2.42	-	22.2/5045	30.2	1.25
60H-1	19.050	11.91	12.57	5.94	31.6	18.00	3.25	-	31.8/7227	42.7	1.87
80H-1	25.400	15.88	15.75	7.92	39.4	24.00	4.00	-	56.7/12886	71.4	3.10
100H-1	31.750	19.05	18.90	9.53	46.9	30.00	4.80	-	88.5/20114	112.4	4.52
120H-1	38.100	22.23	25.22	11.10	57.5	35.70	5.60	-	127.0/28864	160.9	6.60
140H-1	44.450	25.40	25.22	12.70	62.2	41.00	6.40	-	172.4/39182	217.3	8.30
160H-1	50.800	28.58	31.55	14.27	73.0	47.80	7.20	-	226.8/51545	285.8	10.30
180H-1	57.150	35.71	35.48	17.46	81.6	53.60	8.00	-	281.0/63863	341.8	14.83
200H-1	63.500	39.68	37.85	19.85	93.5	60.00	9.50	-	353.8/80409	444.5	19.16
240H-1	76.200	47.63	47.35	23.81	115.9	72.30	12.70	-	510.3/115977	622.5	30.40
60H-2	19.050	11.91	12.57	5.94	57.7	18.00	3.25	26.11	63.6/14454	84.5	3.71
80H-2	25.400	15.88	15.75	7.92	72.0	24.00	4.00	32.59	113.4/25773	145.3	6.15
100H-2	31.750	19.05	18.90	9.53	86.0	30.00	4.80	39.09	177.0/40227	225.9	9.03
120H-2	38.100	22.23	25.22	11.10	106.4	35.70	5.60	48.87	254.0/57727	322.7	13.13
140H-2	44.450	25.40	25.22	12.70	114.4	41.00	6.40	52.20	344.8/78364	437.7	16.60
160H-2	50.800	28.58	31.55	14.27	134.9	47.80	7.20	61.90	453.6/103091	571.6	20.20
180H-2	57.150	35.71	35.48	17.46	150.8	53.60	8.00	69.16	562.0/127726	680.0	29.20
200H-2	63.500	39.68	37.85	19.85	171.8	60.00	9.50	78.31	707.6/160818	894.9	38.11
240H-2	76.200	47.63	47.35	23.81	217.3	72.30	12.70	101.22	1000.0/227270	1200.0	60.50
60H-3	19.050	11.91	12.57	5.94	83.8	18.00	3.25	26.11	95.4/21682	113.9	5.54
80H-3	25.400	15.88	15.75	7.92	104.6	24.00	4.00	32.59	170.1/38659	203.5	9.42
100H-3	31.750	19.05	18.90	9.53	125.1	30.00	4.80	39.09	265.5/60341	314.8	12.96
120H-3	38.100	22.23	25.22	11.10	155.2	35.70	5.60	48.87	381.0/86591	444.7	19.64
140H-3	44.450	25.40	25.22	12.70	166.6	41.00	6.40	52.20	517.2/117545	598.4	24.90
160H-3	50.800	28.58	31.55	14.27	196.8	47.80	7.20	61.90	680.4/154636	787.3	30.10
180H-3	57.150	35.71	35.48	17.46	220.0	53.60	8.00	69.16	843.0/191589	1011.0	44.10
200H-3	63.500	39.68	37.85	19.85	250.1	60.00	9.50	78.31	1061.4/241227	1228.2	57.06
240H-3	76.200	47.63	47.35	23.81	318.3	72.30	12.70	101.22	1500.0/340905	1650.0	91.00

# SH Series High Strength Heavy Duty Short Pitch Roller Chains



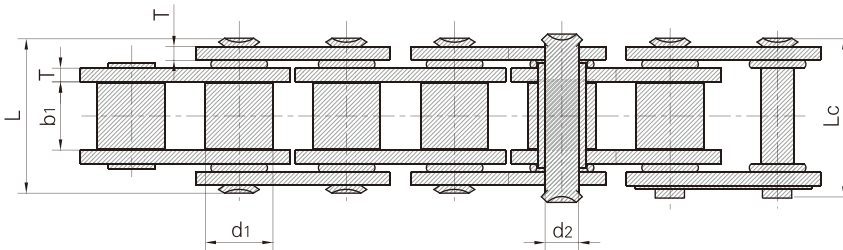
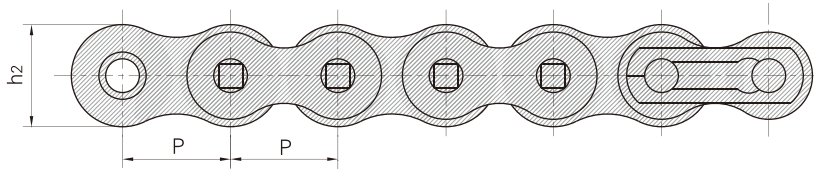
NET Chain No.	Pitch	Roller diameter	Width between inner plates		Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
*25SH	6.350	3.30	3.18	2.31	9.0	-	6.00	1.04	5.09/1157	5.6	0.11
*35SH	9.525	5.08	4.77	3.58	13.3	14.3	9.00	1.50	11.00/2500	13.6	0.41
40SH	12.700	7.95	7.85	3.96	18.8	19.9	12.00	2.03	22.40/5091	24.8	0.82
50SH	15.875	10.16	9.40	5.08	22.1	23.4	15.09	2.42	30.40/6909	36.2	1.25
60SH	19.050	11.91	12.57	5.94	29.2	31.6	18.00	3.25	44.10/10023	50.4	1.87
80SH	25.400	15.88	15.75	7.92	36.2	37.7	24.00	4.00	88.20/20045	93.0	3.10
100SH	31.750	19.05	18.90	9.53	43.6	46.9	30.00	4.80	116.60/26500	129.1	4.52
120SH	38.100	22.23	25.22	11.10	53.5	57.5	35.70	5.60	158.20/35954	175.3	6.60
140SH	44.450	25.40	25.22	12.7	57.6	62.2	41.00	6.40	206.00/46818	266.5	8.30
160SH	50.800	28.58	31.55	14.27	68.2	73.0	47.80	7.20	274.00/62273	293.0	10.30
200SH	63.500	39.68	37.85	19.85	86.6	93.5	60.00	9.50	506.10/115023	562.3	19.16
#5H63	19.050	14.29	9.55	7.30	27.9	-	19.60	4.15/3.25	65.70/14932	73.0	2.62
#C70SH	22.225	15.60	14.30	7.94	36.6	-	22.60	4.8/4.0	88.25/20056	98.0	3.75
955	28.575	21.30	17.46	11.10	46.8	-	30.60	6.4/5.6	142.10/35635	156.8	7.95

# Self-lubrication Roller Chains



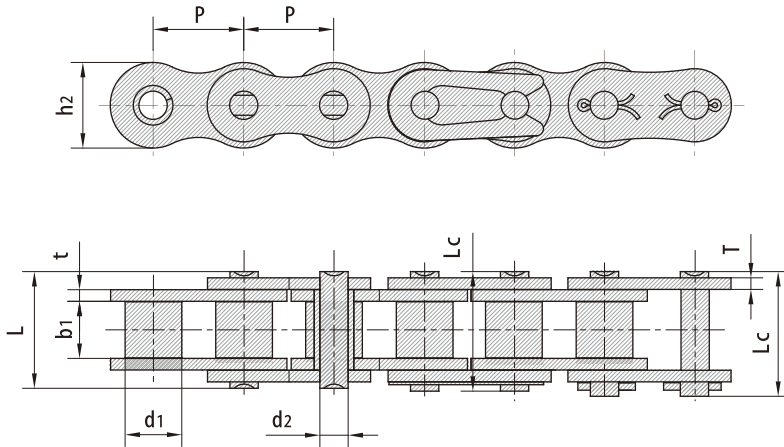
NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
#06BSLR	9.525	6.35	5.72	3.28	13.15	14.1	8.20	1.30	-	9.0/2045	0.41
08BSLR	12.700	8.51	7.75	4.45	16.70	18.2	11.80	1.60	-	18.0/4091	0.69
10BSLR	15.875	10.16	9.65	5.08	19.50	20.9	14.70	1.70	-	22.4/5091	0.93
12BSLR	19.050	12.07	11.68	5.72	22.50	24.2	16.00	1.85	-	29.0/6591	1.15
16BSLR	25.400	15.88	17.02	8.28	36.10	37.4	21.00	4.15/3.1	-	60.0/13636	2.71
40SLR	12.700	7.95	7.85	3.96	16.60	17.8	12.00	1.50	-	14.1/3205	0.62
50SLR	15.875	10.16	9.40	5.08	20.70	22.2	15.09	2.03	-	22.0/5045	1.02
60SLR	19.050	11.91	12.57	5.94	27.50	29.3	18.00	3.25/2.42	-	34.2/7772	1.65
60HSLR	19.050	11.91	12.57	5.94	29.20	31.0	18.00	3.25	-	31.8/7227	1.95
80SLR	25.400	15.88	15.75	7.92	32.70	35.0	24.00	3.25	-	56.7/12886	2.60
80HSLR	25.400	15.88	15.75	7.92	36.20	38.9	24.00	4.00	-	56.7/12886	3.03
100SLR	31.750	19.05	18.90	9.53	40.40	44.7	30.00	4.00	-	86.7/19699	3.94
08BSLR-2	12.700	8.51	7.75	4.45	31.20	32.2	11.80	1.60	13.92	32.0/7273	1.34
10BSLR-2	15.875	10.16	9.65	5.08	36.10	37.5	14.70	1.70	16.59	44.5/10114	1.84
12BSLR-2	19.050	12.07	11.68	5.72	42.00	43.6	16.00	1.85	19.46	57.8/13136	2.31
16BSLR-2	25.400	15.88	17.02	8.28	68.00	69.3	21.00	4.15/3.1	31.88	106.0/24091	5.42
40SLR-2	12.700	7.95	7.85	3.96	31.00	32.2	12.00	1.50	14.38	28.2/6409	1.12
50SLR-2	15.875	10.16	9.40	5.08	38.90	40.4	15.09	2.03	18.11	44.4/10091	2.00
60SLR-2	19.050	11.91	12.57	5.94	50.30	52.1	18.00	2.42	22.78	68.4/15544	3.21
80SLR-2	25.400	15.88	15.75	7.92	62.70	64.3	24.00	3.25	29.29	113.4/25773	5.15
100SLR-2	31.750	19.05	18.90	9.53	76.40	80.5	30.00	4.00	35.76	173.4/39399	7.89

#Straight side plates



NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate tickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
40 OR	12.700	7.95	7.85	3.96	18.3	19.6	12.00	1.50	14.1/3205	17.50	0.67
50 OR	15.875	10.16	9.40	5.08	23.1	24.8	15.09	2.03	22.2/5045	29.40	1.19
60 OR	19.050	11.91	12.57	5.94	28.5	30.4	18.00	2.42	31.8/7227	41.50	1.62
60HT OR	19.050	11.91	12.57	5.94	31.7	33.2	18.00	3.25	55.0/12500	58.00	1.96
80 OR	25.400	15.88	15.75	7.92	35.6	37.3	24.00	3.25	56.7/12886	69.40	2.70
100 OR	31.750	19.05	18.95	9.53	43.3	47.0	30.00	4.00	88.5/20114	109.20	3.91
120 OR	38.100	22.23	25.22	11.11	54.0	57.5	35.70	4.80	127.0/28864	156.30	6.34
08B OR	12.700	8.51	7.75	4.45	18.8	19.9	11.80	1.60	18.0/4091	19.40	0.74

# Corrosion Resistant / Zinc-plated Chains

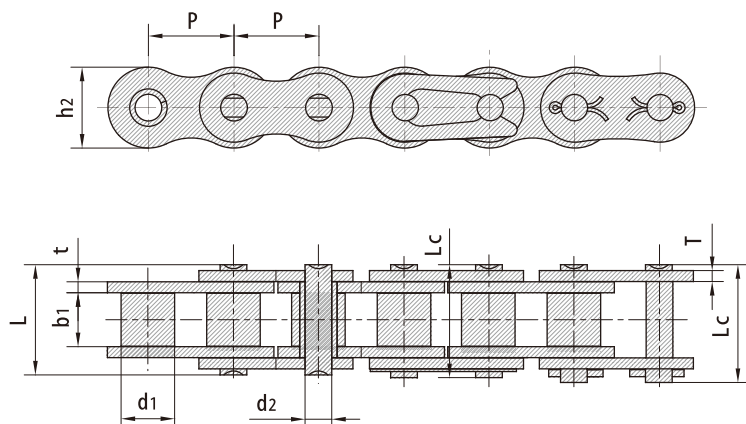


NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kg/m
*25ZP	6.350	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.50/795	0.15
*35ZP	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90/1795	0.33
41ZP	12.700	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.67/1516	0.41
40ZP	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10/3205	0.62
50ZP	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20/5045	1.02
60ZP	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80/7227	1.50
80ZP	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70/12886	2.60
100ZP	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50/20114	3.91
120ZP	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00/28864	5.62
140ZP	44.450	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.40/39182	7.50
160ZP	50.800	28.58	31.55	14.27	64.80	69.60	47.80	6.40	226.80/51545	10.10
04BZP	6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	3.00/682	0.11
05BZP	8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	5.00/1136	0.20
#06BZP	9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30	9.00/2045	0.41
08BZP	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00/4091	0.69
10BZP	15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40/5091	0.93
12BZP	19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85	29.00/6591	1.15
16BZP	25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1	60.00/13636	2.71
20BZP	31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	95.00/21591	3.70
24BZP	38.100	25.40	25.40	14.63	53.40	57.80	33.20	6.0/4.8	160.00/36364	7.10
28BZP	44.450	27.94	30.99	15.90	65.10	69.50	36.70	7.5/6.0	200.00/45455	8.50
32BZP	50.800	29.21	30.99	17.81	66.00	71.00	42.00	7.0/6.0	250.00/56818	10.25

\*Bush chain: d1 in the table indicates the external diameter of the bush.

#Straight side plates

Note: Duplex & Triplex zinc plated chains are available in all sizes. Double pitch zinc plated conveyor chains are available upon request.



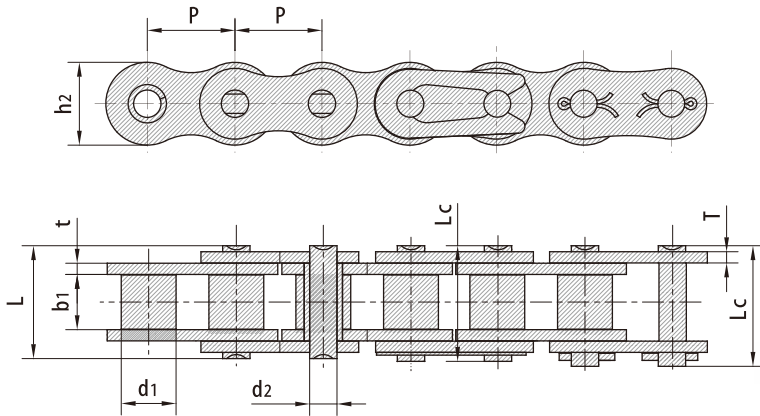
NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kg/m
*25NP	6.350	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.50/795	0.15
*35NP	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90/1795	0.33
41NP	12.700	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.67/1516	0.41
40NP	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10/3205	0.62
50NP	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20/5045	1.02
60NP	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80/7227	1.50
80NP	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70/12886	2.60
100NP	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50/20114	3.91
120NP	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00/28864	5.62
140NP	44.450	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.40/39182	7.50
160NP	50.800	28.58	31.55	14.27	64.80	69.60	47.80	6.40	226.80/51545	10.10
04BNP	6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	3.00/682	0.11
05BNP	8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	5.00/1136	0.20
#06BNP	9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30	9.00/2045	0.41
08BNP	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00/4091	0.69
10BNP	15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40/5091	0.93
12BNP	19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85	29.00/6591	1.15
16BNP	25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1	60.00/13636	2.71
20BNP	31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	95.00/21591	3.70
24BNP	38.100	25.40	25.40	14.63	53.40	57.80	33.20	6.0/4.8	160.00/36364	7.10
28BNP	44.450	27.94	30.99	15.90	65.10	69.50	36.70	7.5/6.0	200.00/45455	8.50
32BNP	50.800	29.21	30.99	17.81	66.00	71.00	42.00	7.0/6.0	250.00/56818	10.25

\*Bush chain: d1 in the table indicates the external diameter of the bush.

#Straight side plates

Note: Duplex & Triplex zinc plated chains are available in all sizes. Double pitch zinc plated conveyor chains are available upon request.

# Corrosion Resistant / Dacromet-plated Chains

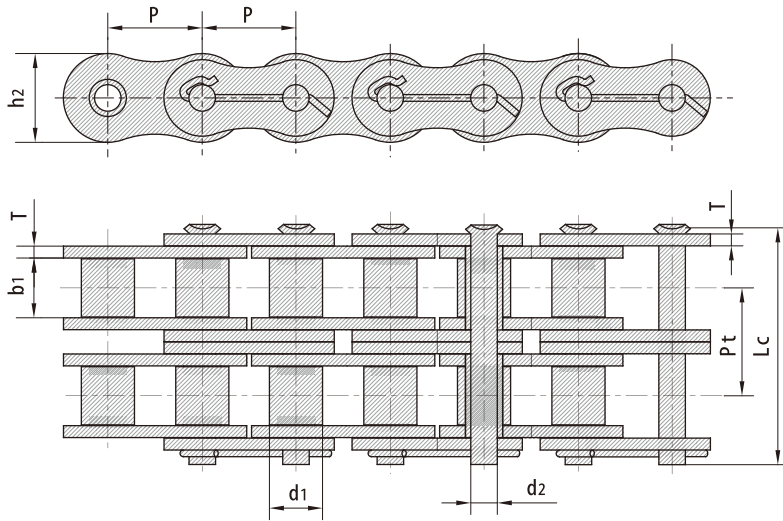


NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kg/m
*25DR	6.350	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.50/795	0.15
*35DR	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90/1795	0.33
41DR	12.700	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.67/1516	0.41
40DR	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10/3205	0.62
50DR	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20/5045	1.02
60DR	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80/7227	1.50
80DR	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70/12886	2.60
100DR	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50/20114	3.91
120DR	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00/28864	5.62
140DR	44.450	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.40/39182	7.50
160DR	50.800	28.58	31.55	14.27	64.80	69.60	47.80	6.40	226.80/51545	10.10
04BDR	6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	3.00/682	0.11
05BDR	8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	5.00/1136	0.20
#06BDR	9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30	9.00/2045	0.41
08BDR	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00/4091	0.69
10BDR	15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40/5091	0.93
12BDR	19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85	29.00/6591	1.15
16BDR	25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1	60.00/13636	2.71
20BDR	31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	95.00/21591	3.70
24BDR	38.100	25.40	25.40	14.63	53.40	57.80	33.20	6.0/4.8	160.00/36364	7.10
28BDR	44.450	27.94	30.99	15.90	65.10	69.50	36.70	7.5/6.0	200.00/45455	8.50
32BDR	50.800	29.21	30.99	17.81	66.00	71.00	42.00	7.0/6.0	250.00/56818	10.25

\*Bush chain: d1 in the table indicates the external diameter of the bush.

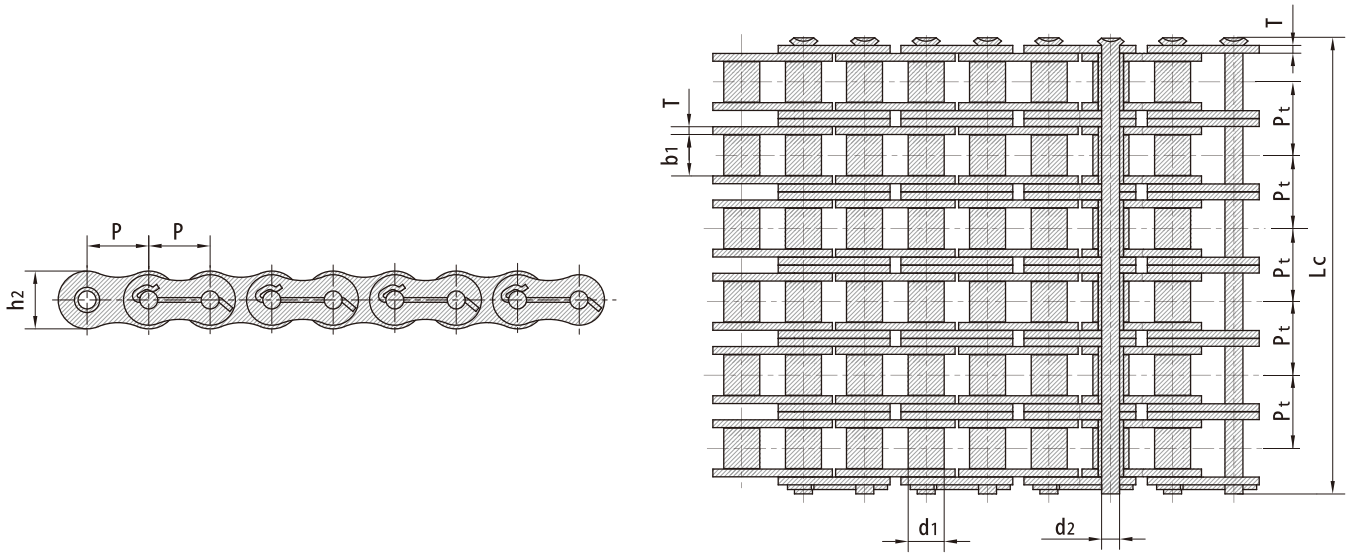
#Straight side plates

Note: Duplex & Triplex zinc plated chains are available in all sizes. Double pitch zinc plated conveyor chains are available upon request.



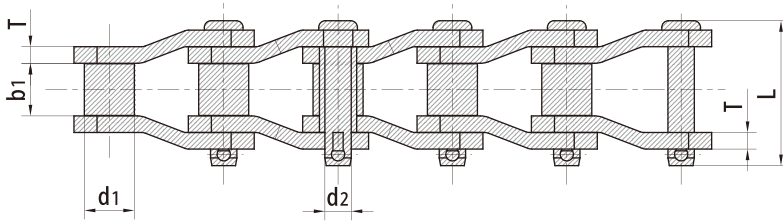
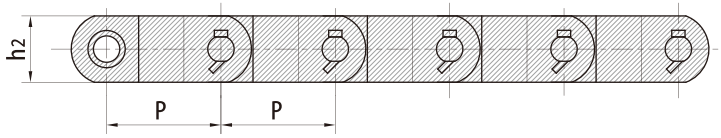
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		P		d1 max	b1 min	d2 max	Lc max	h2 max	T max	Pt	Q min	q
		mm	inch	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kg/m
80	16S-1	25.400	1	15.88	15.75	7.92	37.55	24.1	3.25	-	556/12500	2.60
100	20S-1	31.750	1 1/4	19.05	18.90	9.53	44.30	30.0	4.00	-	86.87/19500	3.91
120	24S-1	38.100	1 1/2	22.23	25.22	11.10	54.4	36.2	4.80	-	125.1/28100	5.62
140	28S-1	44.450	1 3/4	25.40	25.22	12.70	59.00	42.2	5.60	-	170.27/38300	7.50
160	32S-1	50.800	2	28.58	31.55	14.27	69.60	48.2	6.40	-	222.4/50000	10.10
180	36S-1	57.150	2 1/4	35.71	35.48	17.46	78.60	54.3	7.20	-	281.47/63300	13.45
200	40S-1	63.500	2 1/2	39.68	37.85	19.85	87.20	60.3	8.00	-	347.5/78100	16.15
80-2	16S-2	25.400	1	15.88	15.75	7.92	66.80	24.1	3.25	29.29	111.2/5000	5.15
100-2	20S-2	31.750	1 1/4	19.05	18.90	9.53	80.50	30.1	4.00	35.76	173.74/39000	7.80
120-2	24S-2	38.100	1 1/2	22.23	25.22	11.10	99.70	36.2	4.80	45.44	250.2/56200	11.70
140-2	28S-2	44.450	1 3/4	25.40	25.22	12.70	107.80	42.2	5.60	48.87	340.54/76600	15.14
160-2	32S-2	50.800	2	28.58	31.55	14.27	127.50	48.2	6.40	58.55	444.8/100000	20.14
180-2	36S-2	57.150	2 1/4	35.71	35.48	17.46	144.40	54.3	7.20	65.84	562.94/126600	29.22
200-2	40S-2	63.500	2 1/2	39.68	37.85	19.85	158.80	60.3	8.00	71.55	695.0/156200	32.24
80-3	16S-3	25.400	1	15.88	15.75	7.92	96.10	24.1	3.25	29.29	166.8/37500	7.89
100-3	20S-3	31.750	1 1/4	19.05	18.90	9.53	116.30	30.1	4.00	35.76	260.61/58500	11.77
120-3	24S-3	38.100	1 1/2	22.23	25.22	11.10	145.20	36.2	4.80	45.44	375.3/84300	17.53
140-3	28S-3	44.450	1 3/4	25.40	25.22	12.70	156.80	42.2	5.60	48.87	510.81/114900	22.20
160-3	32S-3	50.800	2	28.58	31.55	14.27	186.60	48.2	6.40	58.55	667.2/150000	30.02
180-3	36S-3	57.150	2 1/4	35.71	35.48	17.46	210.20	54.3	7.20	65.84	844.41/189900	38.22
200-3	40S-3	63.500	2 1/2	39.68	37.85	19.85	230.40	60.3	8.00	71.55	1042.5/234300	49.03
200H-3	40HS-3	63.500	2 1/2	39.68	37.85	19.85	249.60	60.3	9.50	78.31	1042.5/234300	56.74





ANSI Chain No.	NET Chain No.	Pitch		Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Weight per meter
		P		d1 max	b1 min	d2 max	Lc max	h2 max	T max	Pt	Q min	q
		mm	inch	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kg/m
80-4	16S-4	25.400	1	15.88	15.75	7.92	122.9	24.1	3.25	29.29	222.4/50000	10.24
100-4	20S-4	31.750	1 1/4	19.05	18.90	9.53	151.5	30.1	4.00	35.76	347.48/78000	15.39
120-4	24S-4	38.100	1 1/2	22.23	25.22	11.10	190.6	36.2	4.80	45.44	500.4/112400	22.19
140-4	28S-4	44.450	1 3/4	25.40	25.22	12.70	205.7	42.2	5.60	48.87	681.08/153200	29.63
160-4	32S-4	50.800	2	28.58	31.55	14.27	245.2	48.2	6.40	58.55	889.6/200000	39.94
200-4	40S-4	63.500	2 1/2	39.68	37.85	19.85	302.0	60.3	8.00	71.55	1390.0/312400	63.60
80-5	16S-5	25.400	1	15.88	15.75	7.92	152.2	24.1	3.25	29.29	278.0/62500	12.79
100-5	20S-5	31.750	1 1/4	19.05	18.90	9.53	187.8	30.1	4.00	35.76	434.35/97500	19.22
120-5	24S-5	38.100	1 1/2	22.23	25.22	11.10	236.1	36.2	4.80	45.44	625.5/140500	27.71
140-5	28S-5	44.450	1 3/4	25.40	25.22	12.70	254.6	42.2	5.60	48.87	851.35/193486	39.20
160-5	32S-5	50.800	2	28.58	31.55	14.27	303.3	48.2	6.40	58.55	1112.0/252724	52.40
80-6	16S-6	25.400	1	15.88	15.75	7.92	181.5	24.1	3.25	29.29	333.6/75000	15.34
100-6	20S-6	31.750	1 1/4	19.05	18.90	9.53	223.6	30.1	4.00	35.76	521.22/117000	23.05
120-6	24S-6	38.100	1 1/2	22.23	25.22	11.10	281.6	36.2	4.80	45.44	750.6/168600	33.24
140-6	28S-6	44.450	1 3/4	25.40	25.22	12.70	303.4	42.2	5.60	48.87	1021.62/229800	44.38
160-6	32S-6	50.800	2	28.58	31.55	14.27	362.3	48.2	6.40	58.55	1334.4/300000	59.83
200-6	40S-6	63.500	2 1/2	39.68	37.85	19.85	445.0	60.3	8.00	71.55	2085.0/468600	95.23
80-8	16S-8	25.400	1	15.88	15.75	7.92	240.1	24.1	3.25	29.29	444.8/100000	20.44
100-8	20S-8	31.750	1 1/4	19.05	18.90	9.53	295.1	30.1	4.00	35.76	694.96/156000	30.71
120-8	24S-8	38.100	1 1/2	22.23	25.22	11.10	372.4	36.2	4.80	45.44	1000.8/224800	44.28
140-8	28S-8	44.450	1 3/4	25.40	25.22	12.70	401.1	42.2	5.60	48.87	1362.16/309578	62.21

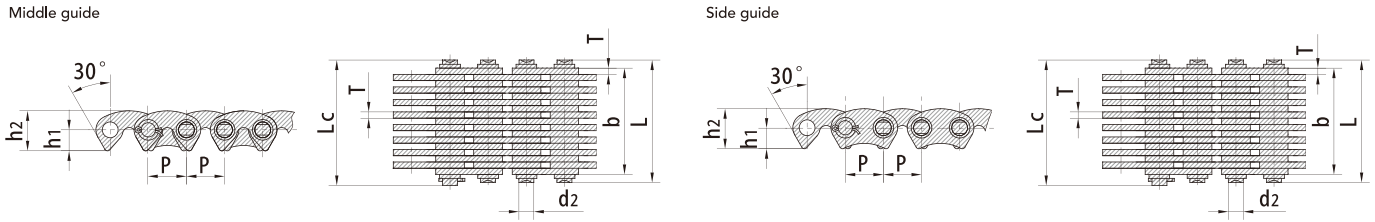
# Heavy Duty Cranked-link Transmission Chains



NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Pin depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	h2 max	T max	Q min	Q0 min	q
	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
2010	63.50	31.75	38.10	15.90	89.0	47.80	7.9	250.00/56818	275.0	13.53
2512	77.90	41.28	39.60	19.05	100.0	57.00	9.7	340.00/77272	367.2	18.40
3214	103.200	44.45	48.00	22.00	123.50	55.00	13.0	476.0/108180	514.0	23.60
3315	103.450	45.24	49.30	23.85	130.00	63.50	14.2	550.0/125000	594.0	27.71
3618	114.300	57.15	52.30	27.97	138.00	79.20	14.2	760.0/172727	820.8	41.20
4020	127.000	63.50	69.90	31.78	165.70	88.90	15.7	987.0/224300	1069.2	48.60
RO1205	127.000	63.50	65.00	31.75	147.60	82.50	14.2	872.0/198177	955.0	42.93
2184	152.400	76.20	35.00	22.20	96.0	51.00	9.5	330.0/75000	378.0	18.17
4824	152.400	76.20	74.60	38.10	186.0	100.00	20.0	1600.0/363632	1700.0	69.80
6060	152.400	88.90	101.00	47.63	228.7	114.30	22.0	1700.0/386359	1955.0	97.59
5628	177.800	88.90	82.60	44.45	210.0	133.00	22.0	1890.0/429540	2173.0	99.50

\*Bush chain: d1 in the table indicates the external diameter of the bush.

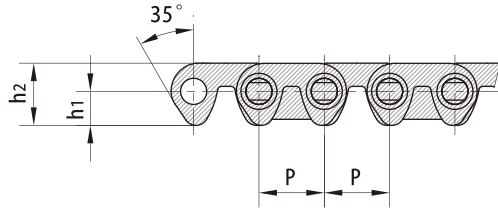
# Inverted Tooth Chains



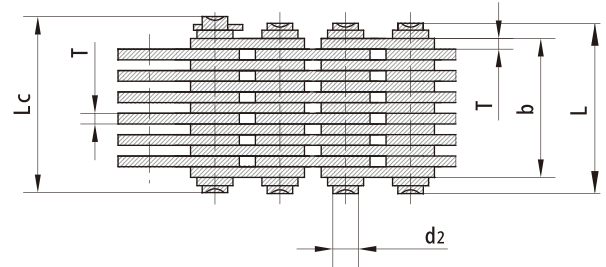
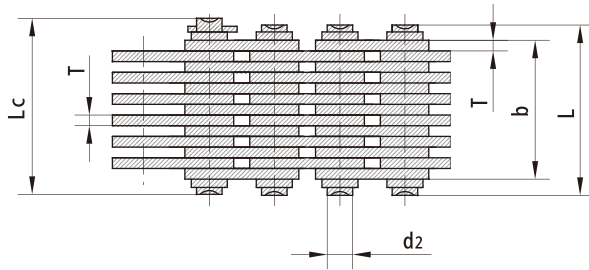
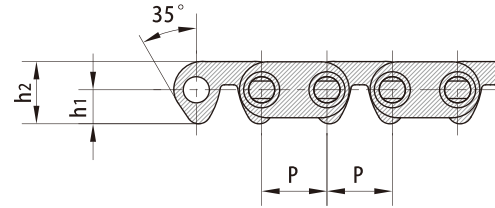
NET Chain No.	Pitch	Chain width	Pin diameter	Pin length		Distance from hole center to tooth	Plate depth	Plate thickness	Guide type	Number of pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	b1 min	d2 max	L max	Lc max	d2 max	h2 max	T max		Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm		mm	kN/lbf	kN	kg/m
CL06	9.525	13.5	3.95	18.5	20.0	5.3	10.0	1.5	Outside	9	10.0/2272	11.2	0.60
		16.5		21.5	23.0				Outside	11	12.5/2840	14.0	0.73
		19.5		24.5	26.0				Outside	13	15.0/3409	16.8	0.85
		22.5		27.5	29.0				Outside	15	17.5/3997	19.6	1.00
		28.5		33.5	35.0				Inside	19	22.5/5114	25.2	1.26
CL08	12.700	19.5	5.08	24.5	26.0	7.0	13.4	1.5	Outside	13	23.4/5318	26.2	1.15
		22.5		27.5	29.0				Outside	15	27.4/6227	30.6	1.33
		25.5		30.5	32.0				Outside	17	31.3/7114	35.0	1.50
		28.5		33.5	35.0				Inside	19	35.2/8000	39.4	1.68
		34.5		39.5	41.0				Inside	23	43.0/9772	48.1	2.04
		40.5		45.5	47.0				Inside	27	50.8/11364	56.8	2.39
		46.5		51.5	53.0				Inside	31	58.6/13318	65.6	2.74
		52.5		57.5	59.0				Inside	35	66.4/15091	74.3	3.10
CL10	15.875	30.0	5.92	37.0	38.2	8.7	16.7	2.0	Inside	15	45.6/10364	50.6	2.21
		38.0		45.0	46.2				Inside	19	58.6/13318	65.0	2.80
		46.0		53.0	54.2				Inside	23	71.7/16295	79.5	3.39
		54.0		61.0	62.4				Inside	27	84.7/19250	94.0	3.99
CL12	19.050	62.0	6.90	69.0	70.4	10.5	20.0	2.0	Inside	31	97.7/22204	108.4	4.58
		38.0		45.0	46.5				Inside	19	70.0/15909	77.6	3.37
		46.0		53.0	54.5				Inside	23	86.0/19545	95.4	4.08
		54.0		61.0	62.8				Inside	27	102.0/23182	113.2	4.78
		62.0		69.0	70.8				Inside	31	117.0/26591	129.8	5.50
CL16	25.400	70.0	8.90	77.0	78.8	14.0	26.7	3.0	Inside	35	133.0/30227	147.6	6.20
		45.0		52.0	53.5				Inside	15	111.0/25227	123.2	5.31
		51.0		58.0	59.5				Inside	17	125.0/28409	138.7	6.02
		57.0		64.0	65.5				Inside	19	141.0/32045	156.5	6.37
		69.0		76.2	77.7				Inside	23	172.0/39091	190.9	8.15
		81.0		88.2	89.7				Inside	27	203.0/46163	225.3	9.57
CL20	31.750	93.0	10.84	100.2	101.7	17.5	33.4	3.0	Inside	31	235.0/53409	260.8	10.98
		57.0		66.6	69.6				Inside	19	165.0/37500	183.1	8.42
		69.0		78.6	81.6				Inside	23	201.0/45681	223.1	10.19
		81.0		90.6	93.6				Inside	27	237.0/53863	263.2	11.96
		93.0		102.6	105.6				Inside	31	273.0/62045	303.0	13.73
		105.0		114.6	117.6				Inside	35	310.0/70454	341.0	15.50
		117.0		126.6	129.6				Inside	39	346.0/78636	380.6	17.27

# Inverted Tooth Chains

Middle guide

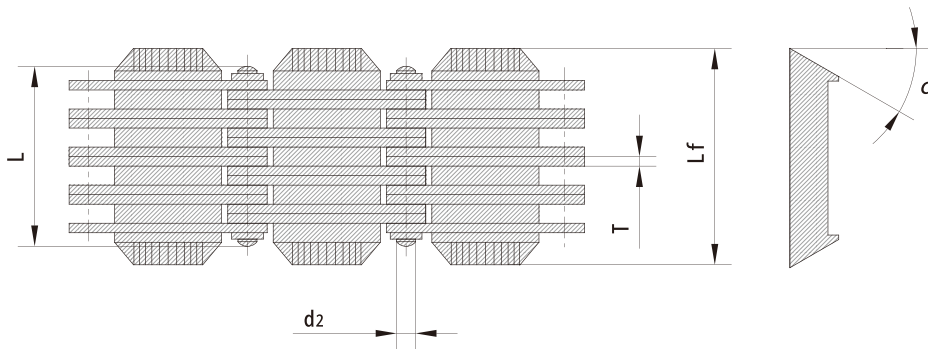
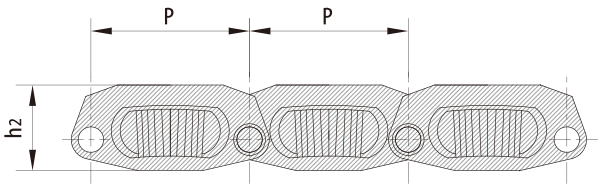


Side guide



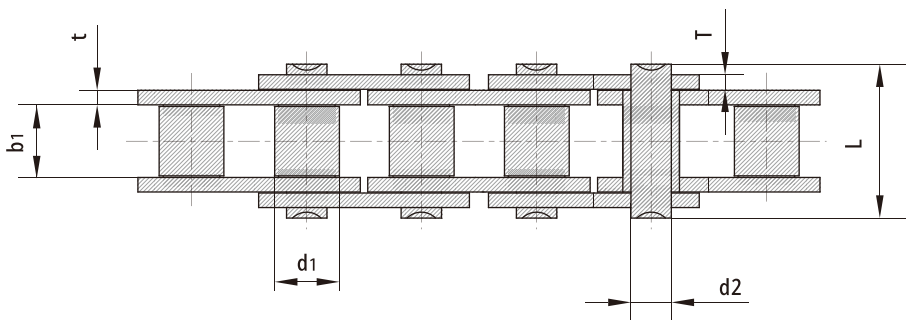
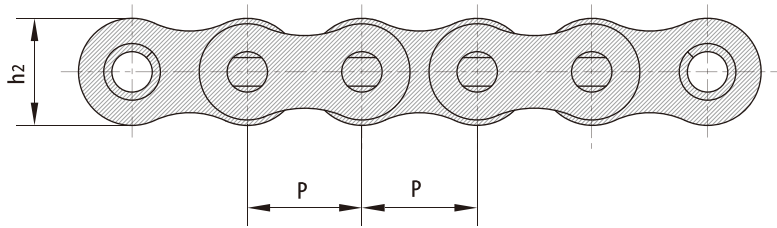
NET Chain No.	Pitch	Chain width	Pin diameter	Pin length		Distance from hole center to tooth	Plate depth	Plate thickness	Guide type	Number of pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	b1 min	d2 max	L max	Lc max	d2 max	h2 max	T max		Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm		mm	kN/lbf	kN	kg/m
C4-120	12.7	19.5	5.08	24.5	26.0	6.62	12.1	1.5	Inside	13	20.0/4545	22.2	1.20
C4-123		22.5		27.5	29.0				Inside	15	23.0/5227	25.5	1.37
C4-129		28.5		33.5	35.0				Inside	19	28.5/6477	31.6	1.72
C4-132		31.5		36.5	38.0				Inside	21	31.5/7159	34.9	1.89
C4-138		37.5		42.5	44.0				Inside	25	38.0/8636	42.1	2.22
C4-150		49.5		54.5	56.0				Inside	33	50.0/11363	55.5	2.90
C4-320	12.7	19.5	5.08	24.5	26.0	6.62	12.1	1.5	Outside	13	20.0/4545	22.2	1.21
C4-323		22.5		27.5	29.0				Outside	15	23.0/5227	25.5	1.38
C4-329		28.5		33.5	35.0				Outside	19	28.5/6477	31.6	1.73
C4-332		31.5		36.5	38.0				Outside	21	31.5/7159	34.9	1.90
C4-338		37.5		42.5	44.0				Outside	25	38.0/8636	42.1	2.23

# Self-tooth-forming Chains (P.I.V. Chains)



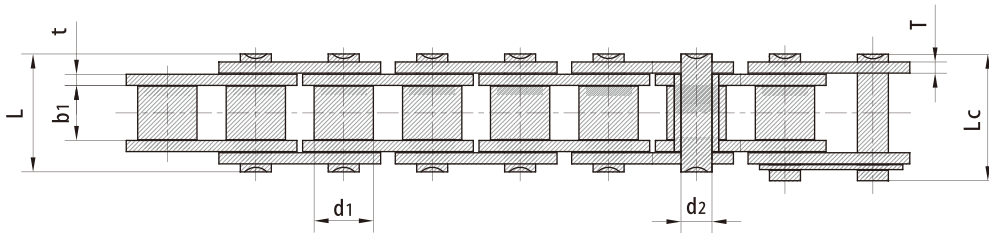
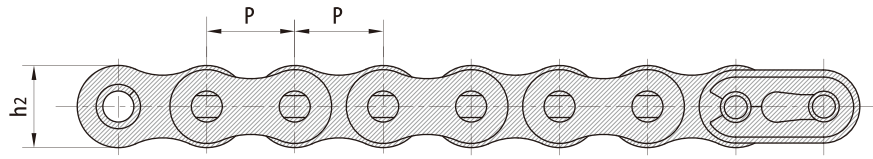
NET Chain No.	Pitch	Pin diameter	Pin length	Plate depth	Plate thickness	With over friction plate	Angle of friction plate	Ultimate tensile strength	Average tensile strength	Weight per meter
	$P$	$d_2$ max	$L$ max	$h_2$ max	$T$ max	$L_f$	$\alpha$	$Q_{min}$	$Q_0$	$q$
	mm	mm	mm	mm	mm	mm		kN/lbf	kN	kg/m
A0	18.75	3.00	19.5	9.5	1.0	24.0	15°	9.0/2045	9.9	1.00
A1(A2)	25.00	3.00	30.1	13.5	1.5	37.8	15°	21.0/4772	23.3	2.23
A3	28.60	3.00	35.3	16.0	1.5	44.2	15°	38.5/8750	42.7	3.04
A4	36.00	4.00	48.5	20.5	1.5	58.5	15°	61.5/13977	68.2	5.54
A5	36.00	4.00	60.5	20.5	1.5	70.0	15°	71.0/16136	78.8	6.70

Engine chains



ISO Chain No.	NET Chain No.	Pitch	Bush diameter	Width between inner plates	Pin diameter	Pin length	Innerplate depth	Plate tickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	h2 max	t/T max	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
04C	25	6.350	3.30	3.18	2.31	7.90	6.00	0.8	3.5/795	4.6	0.15
25H	25H	6.350	3.30	3.18	2.31	8.90	6.00	1.04	4.8/1091	5.5	0.17
219H	219H	7.774	4.59	5.00	3.01	11.90	7.40	1.2/1.04	7.3/1641	8.0	0.28
270H	270H	8.500	5.00	4.75	3.28	13.15	8.45	1.8/1.40	10.8/2428	11.9	0.43

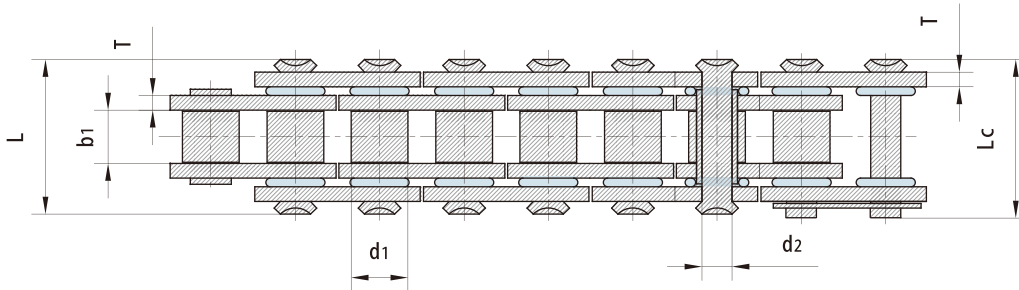
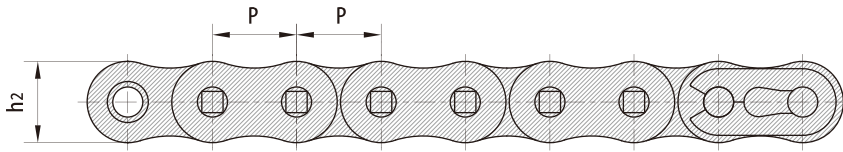
\*Straight sided plates



DIN/ISO Chain No.	NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
-	*T3F	9.525	6.00	9.50	4.50	18.60	20.00	9.30	1.85/1.50	11.80/2653	13.6	0.61
420	420	12.700	7.77	6.25	3.96	14.70	16.10	12.00	1.50	16.008/3597	17.6	0.55
428	428	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	17.80/4002	19.6	0.70
428MH	428H	12.700	8.51	7.85	4.45	18.80	19.90	11.80	2.03	20.60/4631	23.4	0.79
520	520	15.875	10.16	6.25	5.08	17.50	19.00	15.09	2.03	26.50/5957	29.7	0.89
-	520H	15.875	10.16	6.25	5.08	19.30	20.80	15.09	2.42	26.50/5957	31.5	1.10
525	525	15.875	10.16	7.95	5.08	19.30	20.70	15.09	2.03	26.50/5957	29.7	1.06
530	530	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	26.50/5957	29.7	1.06
630	630	19.050	11.91	9.40	5.96	24.00	26.20	18.60	2.42	35.30/7936	38.8	-

\*Bush chain: d1 in the table indicates the external diameter of the bush.

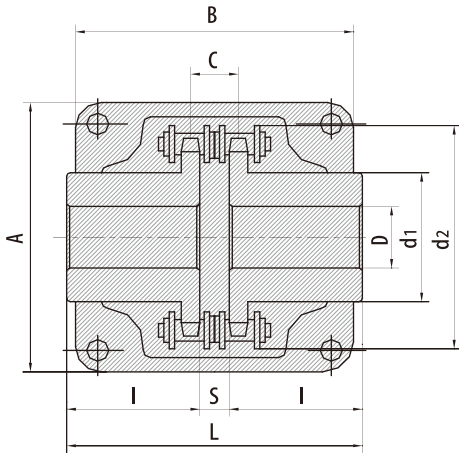
# O-Ring Motorcycle Chains



NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
420 O	12.700	7.77	6.25	3.96	16.65	17.95	12.00	1.50	16.0/3599	17.00	0.62
428HV O	12.700	8.51	7.94	4.45	21.70	22.70	12.30	2.03	22.0/4946	23.00	0.85
520 O	15.875	10.16	6.70	5.30	21.20	22.30	15.09	2.20	32.0/7200	34.00	1.11
520H O	15.875	10.16	6.25	5.24	21.52	22.92	15.09	2.42	26.5/6022	29.60	1.26
525 O	15.875	10.16	7.95	5.30	21.50	22.90	15.09	2.03	26.5/6022	29.60	1.30
525H O	15.875	10.16	7.95	5.30	23.10	24.50	15.09	2.42	26.5/6022	29.60	1.44
530H O	15.875	10.16	9.53	5.24	24.80	26.20	15.09	2.42	29.0/6524	30.00	1.39
630V O	19.050	11.91	12.63	5.94	26.10	28.80	18.00	2.42	40.0/9090	41.00	1.50

\*Bush chain: d1 in the table indicates the external diameter of the bush.



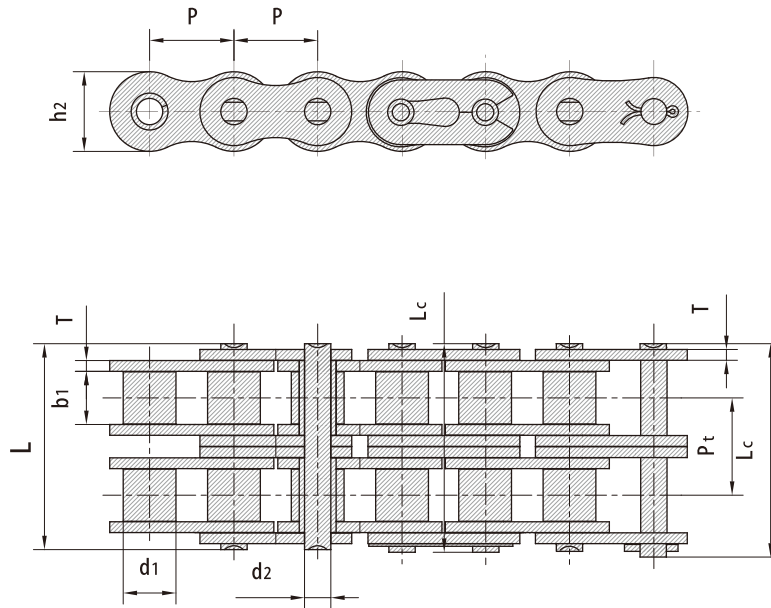


DIN/ISO Coupling No.	Bore Dia D		Pin diameter						Inertia  ×10 <sup>-3</sup>	Approx weight  kg	Casing		
	Min	Max	L	I	S	d1	d2	C			Dimension		Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	
KC3012	12	16	64.8	29.8	5.2	25	45	10.2	0.233	0.4	69	63	0.3
KC4012	12	22	79.4	36.0	7.4	35	61	14.4	1.020	0.8	77	72	0.3
KC4014	12	28	79.4	36.0	7.4	43	69	14.4	1.924	1.1	84	75	0.4
KC4016	14	32	87.4	40.0	7.4	50	77	14.4	3.285	1.4	92	75	0.4
KC5014	16	35	99.7	45.0	9.7	53	86	18.1	6.010	2.2	101	85	0.5
KC5016	16	40	99.7	45.0	9.7	60	96	18.1	9.720	2.7	111	85	0.6
KC5018	16	45	99.7	45.0	9.7	70	106	18.1	15.420	3.8	122	85	0.8
KC6018	20	56	123.5	56.0	11.5	85	128	22.8	40.210	6.2	142	106	1.2
KC6020	20	60	123.5	56.0	11.5	98	140	22.8	62.870	7.8	158	105	1.6
KC6022	20	71	123.5	56.0	11.5	110	152	22.8	93.450	10.4	168	117	1.8
KC8018	20	80	141.2	63.0	15.2	110	170	29.3	142.030	12.7	190	129	2.5
KC8020	20	90	145.2	65.0	15.2	120	186	29.3	204.900	16.0	210	137	2.9
KC8022	20	100	157.2	71.0	15.2	140	202	29.3	341.170	20.2	226	137	3.6
KC10020	25	110	178.8	80.0	18.8	160	233	35.8	646.290	33.0	281	153	4.6
KC12018	35	125	202.7	90.0	22.7	170	256	45.4	1075.710	47.0	307	181	6.2
KC12022	35	140	222.7	100.0	22.7	210	304	45.4	2454.500	72.0	357	181	8.0

The Chain coupling is composed of a duplex roller chain and a pair of coupling sprockets.

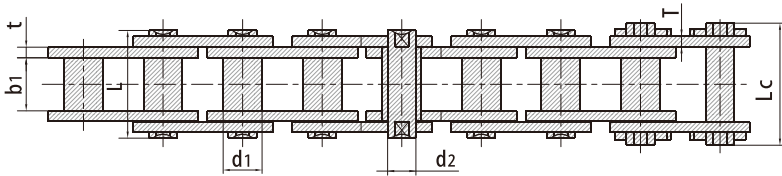
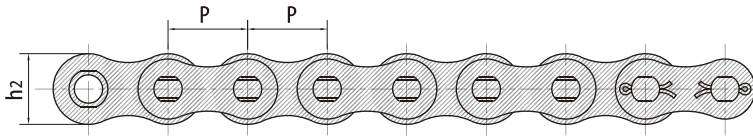
The function of connection and detachment is done by the joint of chain. It has the characteristic of compact and powerful, excellent durability, safe and smart, simple installation and easy alignment.

The Chain coupling is suitable for a wide range of coupling applications.



NET Chain No.	DIN/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate tickness	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	kN/lbf	kN	kg/m
4012	06B-2×12	12.700	7.95	7.85	3.96	31.0	32.2	12.00	1.50	14.38	28.2/6409	35.9	0.16
4014	40-2×12	12.700	7.95	7.85	3.96	31.0	32.2	12.00	1.50	14.38	28.2/6409	35.9	0.19
4016	40-2×14	12.700	7.95	7.85	3.96	31.0	32.2	12.00	1.50	14.38	28.2/6409	35.9	0.21
5014	40-2×16	15.875	10.16	9.40	5.08	38.9	40.4	15.09	2.03	18.11	44.4/10091	58.1	0.49
5016	50-2×14	15.875	10.16	9.40	5.08	38.9	40.4	15.09	2.03	18.11	44.4/10091	58.1	0.56
5018	50-2×16	15.875	10.16	9.40	5.08	38.9	40.4	15.09	2.03	18.11	44.4/10091	58.1	0.63
6018	50-2×18	19.050	11.91	12.57	5.94	48.8	50.5	18.00	2.42	22.78	63.6/14455	82.1	1.00
6020	60-2×18	19.050	11.91	12.57	5.94	48.8	50.5	18.00	2.42	22.78	63.6/14455	82.1	1.11
6022	60-2×20	19.050	11.91	12.57	5.94	48.8	50.5	18.00	2.42	22.78	63.6/14455	82.1	1.22
8018	60-2×22	25.400	15.88	15.75	7.92	62.7	64.3	24.00	3.25	29.29	113.4/25773	141.8	2.35
8020	80-2×18	25.400	15.88	15.75	7.92	62.7	64.3	24.00	3.25	29.29	113.4/25773	141.8	2.62
8022	80-2×20	25.400	15.88	15.75	7.92	62.7	64.3	24.00	3.25	29.29	113.4/25773	141.8	2.88
10018	80-2×22	31.750	19.05	18.90	9.53	76.4	80.5	30.00	4.00	35.76	177.0/40227	219.4	4.95
10022	100-2×20	31.750	19.05	18.90	9.53	76.4	80.5	30.00	4.00	35.76	177.0/40227	219.4	4.95
12018	120-2×18	38.100	22.23	25.22	11.10	95.8	99.7	35.7	4.80	45.44	254.0/57727	314.9	8.14
12022	120-2×22	38.100	22.23	25.22	11.10	95.8	99.7	35.70	4.80	45.44	254.0/57727	314.9	8.14

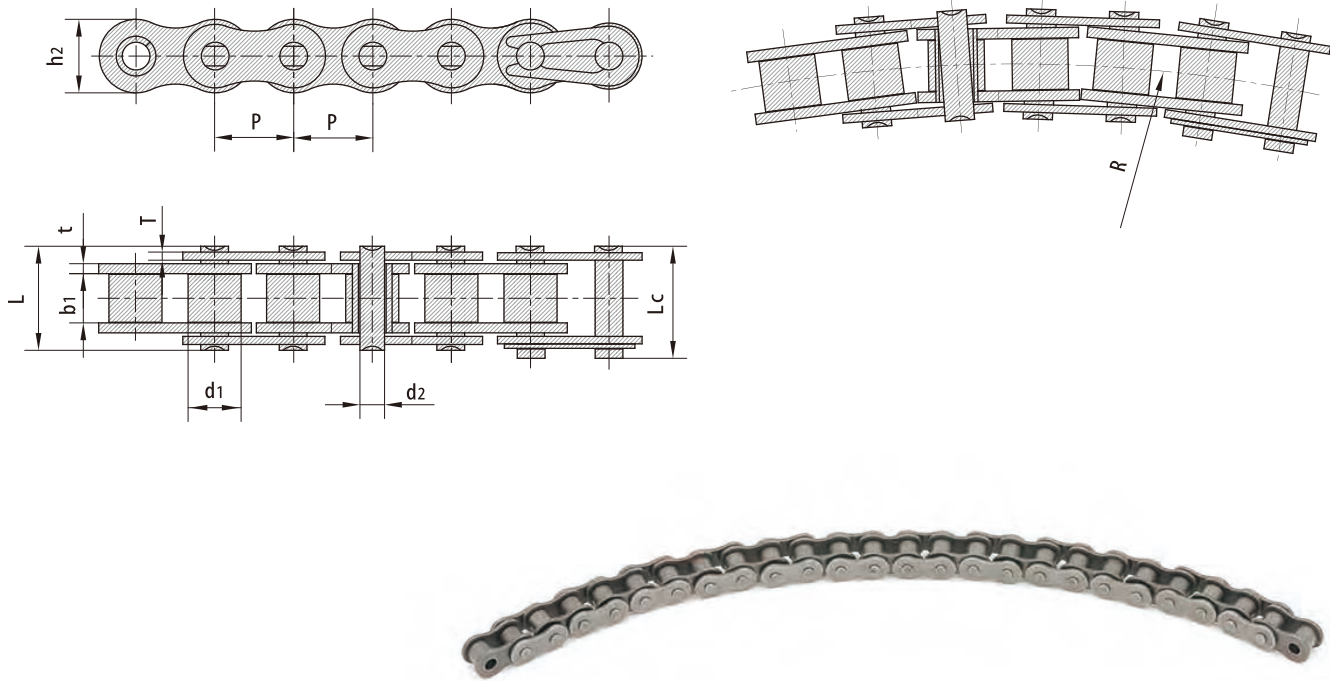
# Bush Chains



NET Chain No.	Pitch	Bush diameter	Width between inner plates	Pin diameter	Pin length		plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
P15F-B	15.00	9.00	14.0	6.0	25.3	30.0	14.0	2.03	12.5/2852.5	13.75	1.150
P19.05	19.05	12.7	12.5	7.5	31.6	33.6	20.0	4.15/3.25	50.0/11248	55.00	2.560
P20-B	20.00	12.0	16.0	8.0	33.0	36.0	18.0	3.00	25.0/5624	27.50	2.140
P20F3-B	20.00	12.0	16.0	8.0	33.0	36.0	19.0	3.00	25.0/5624	27.50	2.030
*P220-B	20.00	12.0	16.0	8.0	33.0	34.7	18.0	3.00	25.0/5624	27.50	2.253
P25-B	25.00	15.0	18.0	10.0	35.0	39.0	24.0	3.00	31.5/7086	34.70	3.170
P25F1-B	25.00	15.0	18.0	10.0	35.0	39.0	24.0	3.00	31.5/7086	34.70	2.670
P30F2-B	30.00	17.0	20.0	11.0	41.0	45.4	28.0	4.00	40.0/8998	44.00	4.250
P30F6-B	30.00	17.0	20.0	11.0	42.4	46.0	28.0	4.00	40.0/8998	44.00	3.750
P35F2-B	35.00	18.0	22.0	12.0	44.5	48.0	30.0	4.00	50.0/11248	55.00	4.330
P35F5-B	35.00	18.0	22.0	12.0	44.5	48.0	30.0	4.00	50.0/11248	55.00	3.770
P36-B	36.00	18.0	22.0	12.5	44.5	49.0	30.0	4.00	60.0/13497	66.00	4.200
P40-B	40.00	20.0	25.0	14.0	52.4	57.0	35.0	5.00	60.0/14172	69.30	5.430
P45-B	45.00	22.0	30.0	16.0	62.0	66.5	40.0	6.00	80.0/17996	88.00	7.540
P50-B	50.00	26.0	35.0	18.0	68.0	73.5	44.0	6.00	100.0/22495	110.00	8.900
*P50.8F7	50.80	18.5	25.0	14.5	53.5	57.5	40.0	5.00	120.0/26994	132.00	6.300
P55-B	55.00	30.0	45.0	20.0	88.0	93.5	49.0	8.00	125.0/28119	137.50	13.920
P55F1-B	55.00	30.0	45.0	20.0	88.0	110.0	49.0	8.00	125.0/28119	137.50	13.920
P60-B	60.00	32.0	50.0	22.0	94.1	99.5	55.0	8.00	160.0/35993	176.00	15.200
P70-B	70.00	30.0	65.0	30.0	117.0	130.0	67.0	10.00	250.0/57050	275.00	26.270
P80-B	80.00	44.0	70.0	32.0	131.0	150.0	75.0	12.00	315.0/71883	346.00	31.800

\*Straight side plates

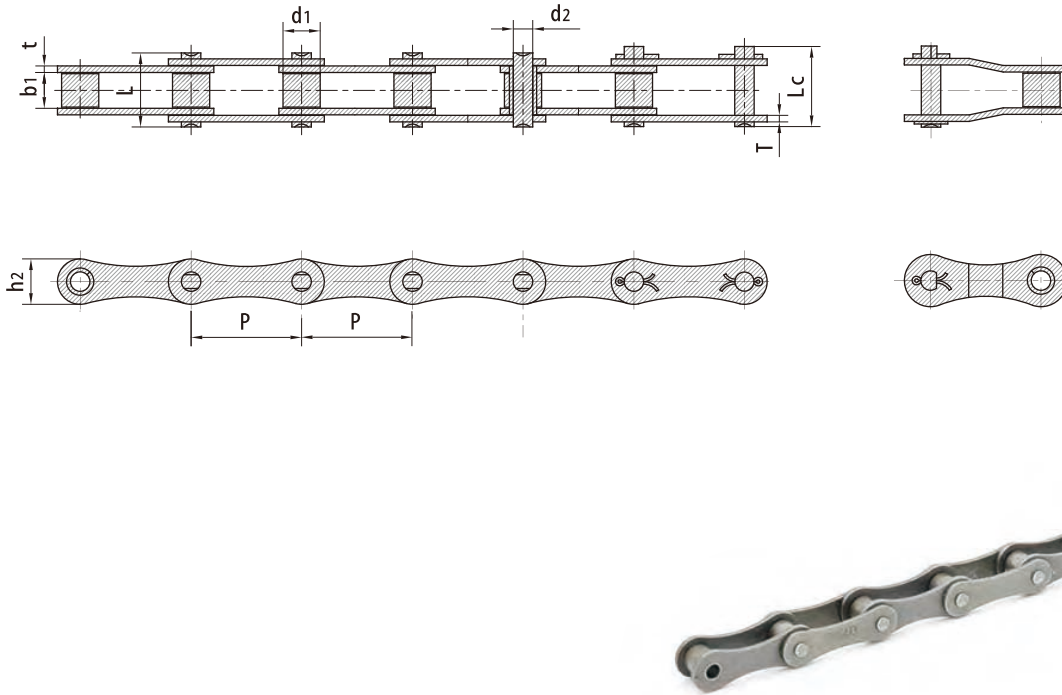
# Side Bow Chains



NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Siaw bow radius	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Pt	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
40SB	12.700	7.95	7.85	3.96	16.9	18.1	11.7	1.50	350	13.8/3136	15.20	0.80
43SB	12.700	7.95	7.85	3.45	18.3	19.5	11.7	1.50	305	12.0/2727	13.20	0.64
50SB	15.875	10.16	9.40	4.37	20.7	22.7	14.9	2.03	400	20.6/4681	22.70	1.09
60SB	19.050	11.91	12.57	5.34	26.6	28.4	18.0	2.42	500	15.7/3568	17.30	1.54
63SB	19.050	11.91	12.68	5.08	28.8	30.6	17.2	2.42/2.03	350	12.5/2840	20.00	1.40
80SB	25.400	15.88	15.75	7.19	34.0	37.3	24.0	3.25	711	40.9/9201	42.00	2.60
#06BSBF1	9.525	6.35	5.72	3.05	13.5	15.0	8.2	1.30	300	8.0/1818	8.80	0.60
08BSB	12.700	8.51	7.75	3.97	17.4	18.7	11.8	1.60	400	14.0/3182	15.40	0.70
08BSBF1	12.700	8.51	7.75	3.97	16.3	17.6	11.8	1.60/1.20	400	12.0/2929	14.10	0.65
10BSB	15.875	10.16	9.65	4.50	20.1	21.5	14.7	1.70	400	15.6/3545	17.20	0.93
12BSB	19.050	12.07	11.68	5.12	23.1	24.8	16.0	1.85	500	20.5/4658	22.60	1.16
16BSB	25.400	15.88	17.22	7.90	36.5	39.7	21.0	3.70/3.00	500	55.6/12635	64.00	2.53

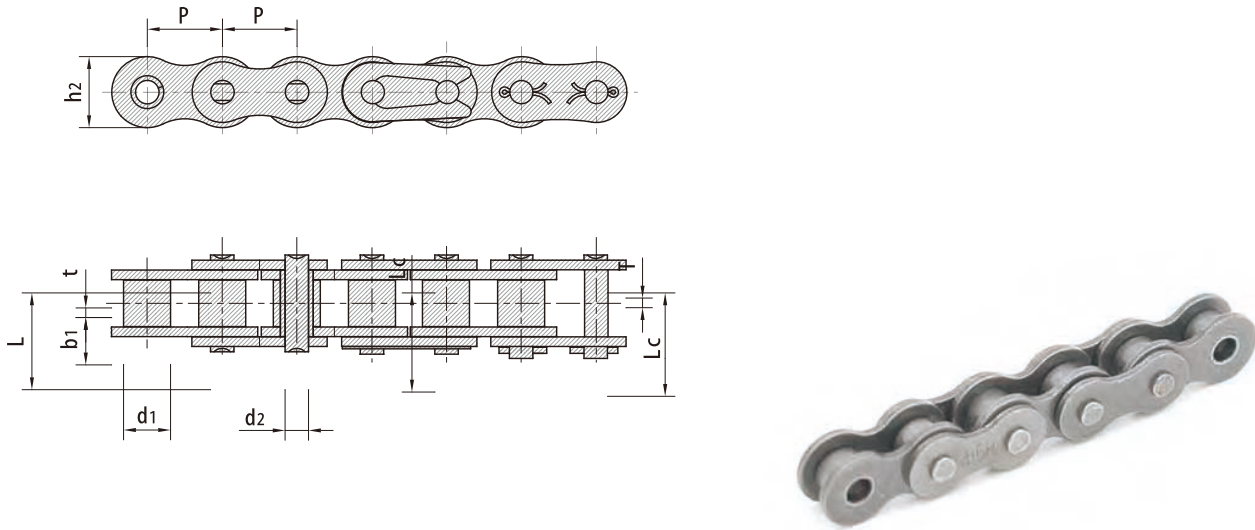
\*Straight side plates

# Double Pitch Transmission Chains



DIN/ISO Chain No.	ANSI Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
		P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
208A	2040	25.40	7.95	7.85	3.96	16.6	17.8	12.0	1.50	14.1/3205	16.7	0.42
208B		25.40	8.51	7.75	4.45	16.7	18.2	11.8	1.60	18.0/4091	19.4	0.45
210A	2050	31.75	10.16	9.40	5.08	20.7	22.2	15.0	2.03	22.2/5045	28.1	0.73
210B		31.75	10.16	9.65	5.08	19.5	20.9	14.7	1.70	22.4/5091	27.5	0.65
212A	2060	38.10	11.91	12.57	5.94	25.9	27.7	18.0	2.42	31.8/7227	36.8	1.02
212B		38.10	12.07	11.68	5.72	22.5	25.2	16.0	1.85	29.0/6591	32.2	0.76
216A	2080	50.80	15.88	15.75	7.92	32.7	36.5	24.0	3.25	56.7/12886	65.7	1.70
216AH	2080H	50.80	15.88	15.75	7.92	36.2	39.4	24.0	4.00	56.7/12886	70.0	2.17
216B		50.80	15.88	17.02	8.28	36.1	39.1	21.0	4.15/3.1	60.0/13636	72.8	1.75
220A	2100	63.50	19.05	18.90	9.53	40.4	44.7	30.0	4.00	88.5/20114	102.6	2.55
220B		63.50	19.05	19.56	10.19	41.3	45.0	26.4	4.5/3.5	95.0/14773	106.7	2.62
224A	2120	76.20	22.23	25.22	11.10	50.3	54.3	35.7	4.80	127.0/28864	147.3	4.06
224B		76.20	25.40	25.40	14.63	53.4	57.8	33.2	6.0/4.8	160.0/36364	178.0	4.70
228B		88.90	27.94	30.99	15.90	65.1	69.5	36.7	7.5/6.0	200.0/45455	222.0	6.23
232B		101.60	29.21	30.99	17.81	66.0	71.0	42.0	7.0/6.0	250.0/56818	277.5	6.72

# Other Roller Chains



NET Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate tickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN/lbf	kN	kg/m
217	12.700	8.51	6.40	4.45	15.2	16.30	11.80	1.60	18.00/4049	19.00	0.750
317	12.700	10.16	6.48	5.08	16.4	17.80	14.70	1.70	23.60/5362	24.70	0.810
08BF	12.700	8.51	5.55	4.45	14.6	16.10	11.80	1.60	17.80/4045	19.20	0.660
415B	12.700	7.75	4.88	4.09	12.9	14.40	10.30	1.30	12.00/2727	14.20	0.450
415BF1	12.700	7.75	4.88	4.09	11.5	13.00	10.30	1.00	9.00/2045	10.60	0.380
415BF3	12.700	7.75	4.80	4.09	11.6	13.65	10.30	1.20	9.80/2227	10.70	0.430
415BF5	12.700	7.75	5.10	4.09	14.4	16.00	9.90	1.8/1.6	16.00/3600	16.50	0.460
415BF7	12.700	7.75	4.88	3.58	13.8	15.00	10.30	1.30	6.00/1363	10.70	0.400
415F19	12.700	7.77	4.76	3.60	11.0	12.40	9.70	1.00	6.86/1559	7.60	0.320
415H	12.700	7.77	4.76	3.96	13.1	14.50	12.00	1.50	14.40/3273	16.10	0.550
10AF13	15.875	10.16	16.31	5.08	27.6	29.10	15.09	2.03	21.80/4952	23.90	1.350
10AF50	15.875	14.20	19.40	5.08	30.9	32.60	13.00	2.03	16.40/3726	18.00	2.140
10BF19	15.875	10.16	6.45	5.08	16.4	18.20	14.70	1.70	22.00/5000	24.20	0.890
10BF20	15.875	10.16	6.45	5.08	16.4	18.20	14.70	1.70	23.60/5363	25.96	0.860
10BF68	15.875	10.16	9.65	5.08	18.5	19.90	14.70	1.7/1.5	22.40/5090	24.64	0.930
425	19.050	12.07	13.50	5.72	29.2	31.00	16.80	3.00	30.00/6748	33.00	1.830
#081/410	12.700	7.75	3.30	3.65			9.80		8036		0.300
#082/408	12.700	7.75	2.38	3.65			9.80		8036		0.250

\*Straight side plates  
#Bicycle Chain