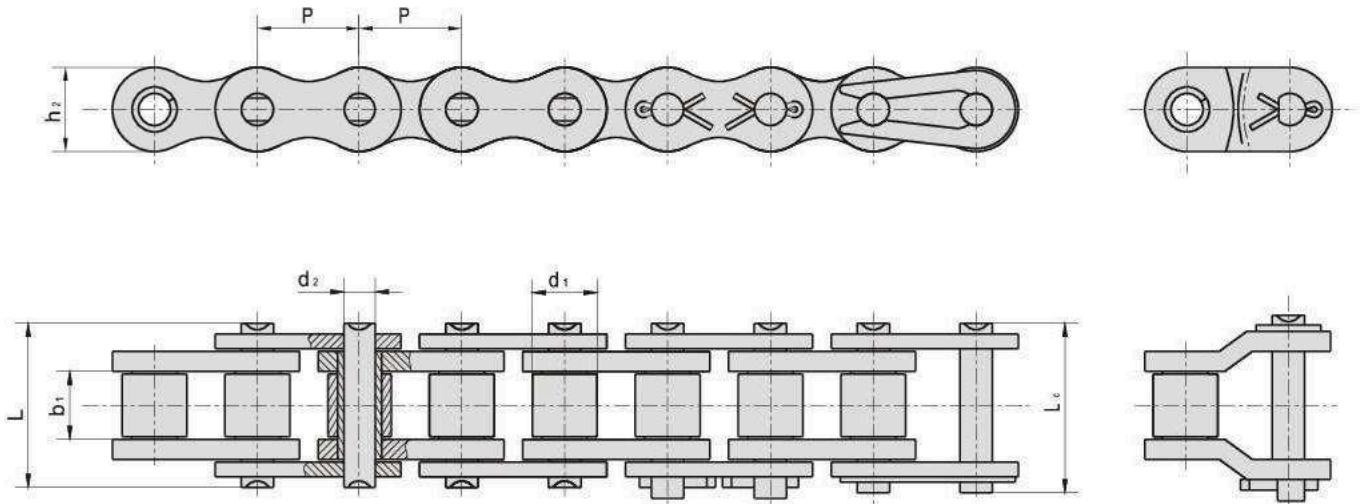




Short pitch precision roller chains (B series)

Simplex roller chains



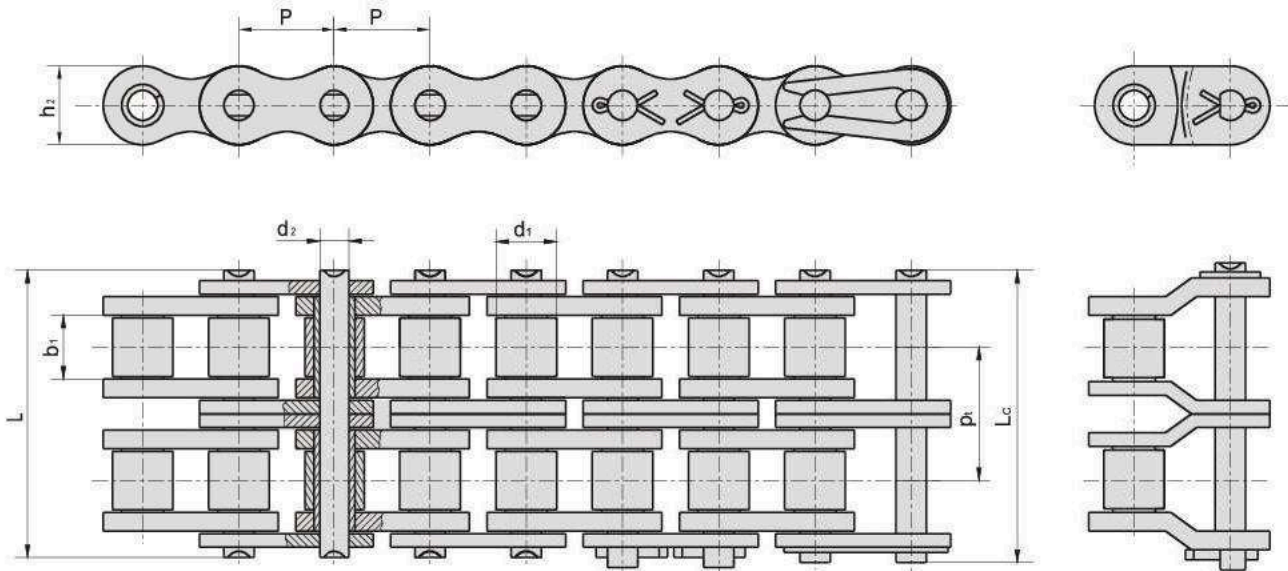
DIN/ISO Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h _c max	Q min	Q _a	q
	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
04B-1	6.0	4.00	2.80	1.85	6.80	7.8	5.00	3.0	3.2	0.12
05B-1	8.0	5.00	3.00	2.31	8.00	8.9	7.11	5.0	5.8	0.19
06B-1	9.525	6.35	5.72	3.28	13.20	14.2	8.20	9.0	10.0	0.44
08B-1	12.70	8.51	7.75	4.45	16.70	18.0	11.80	18.0	19.3	0.69
10B-1	15.875	10.16	9.65	5.08	19.60	21.0	14.70	22.4	26.5	0.95
12B-1	19.05	12.07	11.68	5.72	22.50	24.0	16.10	29.0	32.2	1.24
16B-1	25.40	15.88	17.02	8.28	36.00	37.2	21.05	60.0	70.5	2.76
20B-1	31.75	19.05	19.56	10.19	41.10	44.7	26.30	95.0	101.3	3.95
24B-1	38.10	25.40	25.40	14.63	53.30	58.0	33.30	160.0	174.0	7.23
28B-1	44.45	27.94	30.99	15.90	65.00	70.3	36.90	200.0	214.0	8.50
32B-1	50.80	29.21	30.99	17.81	66.00	71.0	42.10	250.0	267.0	10.19
40B-1	63.50	39.37	38.10	22.89	82.20	89.2	52.96	355.0	379.8	16.20
48B-1	76.20	48.26	45.72	29.24	99.10	107.0	63.80	560.0	599.2	25.00
56B-1	88.90	53.98	53.34	34.32	114.60	123.0	77.80	850.0	940.0	35.53
64B-1	101.60	63.50	60.96	39.40	130.00	138.5	90.17	1120.0	1240	46.00
72B-1	114.30	72.39	68.58	44.48	147.40	156.4	103.60	1400.0	1550	60.71

Copper-plated, zinc-plated, nickel-plated and chrome-plated chain, stainless steel chain and multiple strands chain available.



Short pitch precision roller chains (B series)

Duplex roller chains



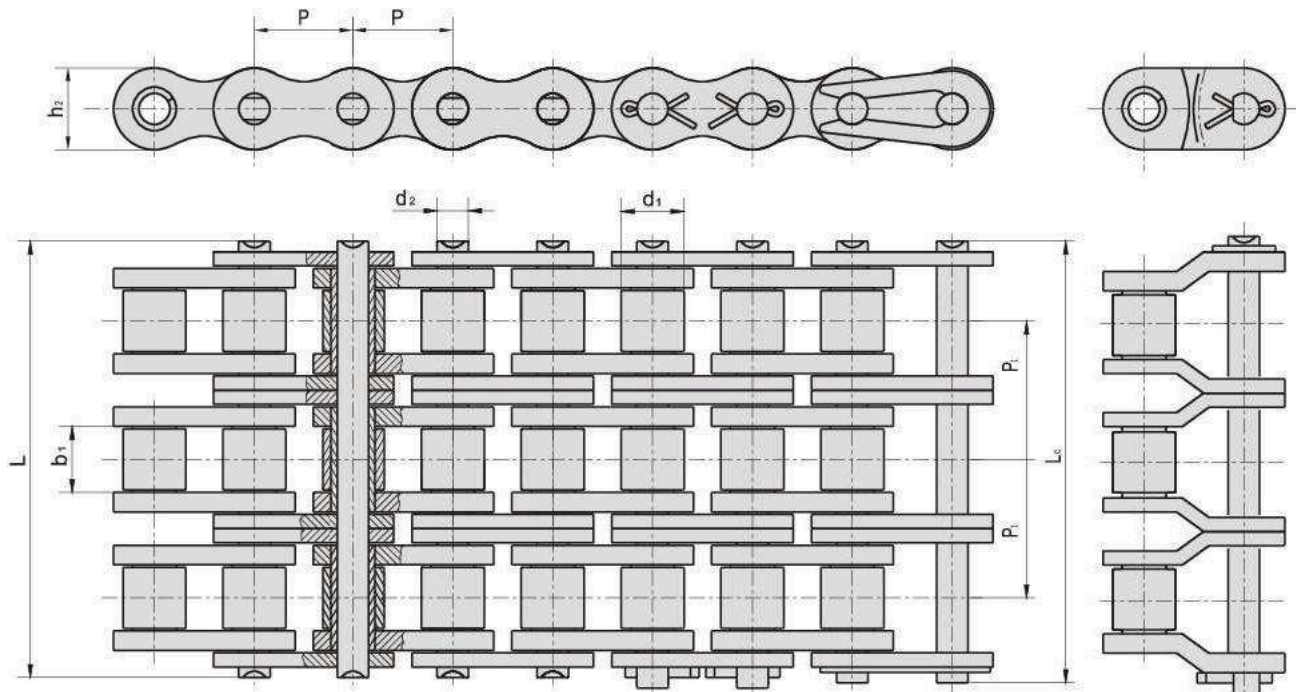
DIN/ISO	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
DIN/ISO Chain No.	P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	Pt	Q _{min}	Q _a	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
05B-2	8.00	5.00	3.00	2.31	13.9	14.5	7.11	5.64	7.8	10.2	0.35
06B-2	9.525	6.35	5.72	3.28	23.5	24.5	8.20	10.24	16.9	17.9	0.81
08B-2	12.70	8.51	7.75	4.45	31.0	32.1	11.80	13.92	32.0	37.4	1.36
10B-2	15.875	10.16	9.65	5.08	36.2	37.5	14.70	16.59	44.5	54.2	1.89
12B-2	19.05	12.07	11.68	5.72	42.0	43.6	16.10	19.46	57.8	65.7	2.46
16B-2	25.40	15.88	17.02	8.28	68.0	69.1	21.05	31.88	106.0	124.5	5.45
20B-2	31.75	19.05	19.56	10.19	77.8	81.5	26.30	36.45	170.0	210.0	7.81
24B-2	38.10	25.40	25.40	14.63	101.7	106.2	33.30	48.36	280.0	304.5	14.27
28B-2	44.45	27.94	30.99	15.90	124.6	129.1	36.90	59.56	360.0	385.2	16.60
32B-2	50.80	29.21	30.99	17.81	124.6	129.6	42.10	58.55	450.0	477.0	20.12
40B-2	63.50	39.37	38.10	22.89	154.5	161.5	52.96	72.29	630.0	667.8	31.90
48B-2	76.20	48.26	45.72	29.24	190.4	198.2	63.80	91.21	1000.0	1060.0	50.00
56B-2	88.90	53.98	53.34	34.32	221.2	229.6	77.80	106.60	1600.0	1760.0	70.33
64B-2	101.60	63.50	60.96	39.40	249.9	258.4	90.17	119.89	2000.0	2200.0	91.00
72B-2	114.30	72.39	68.58	44.48	283.7	292.7	103.60	136.27	2500.0	2750.0	120.26

Copper-plated, zinc-plated, nickel-plated and chrome-plated chain, stainless steel chain and multiple strands chain available.



Short pitch precision roller chains (B series)

Triplex roller chains



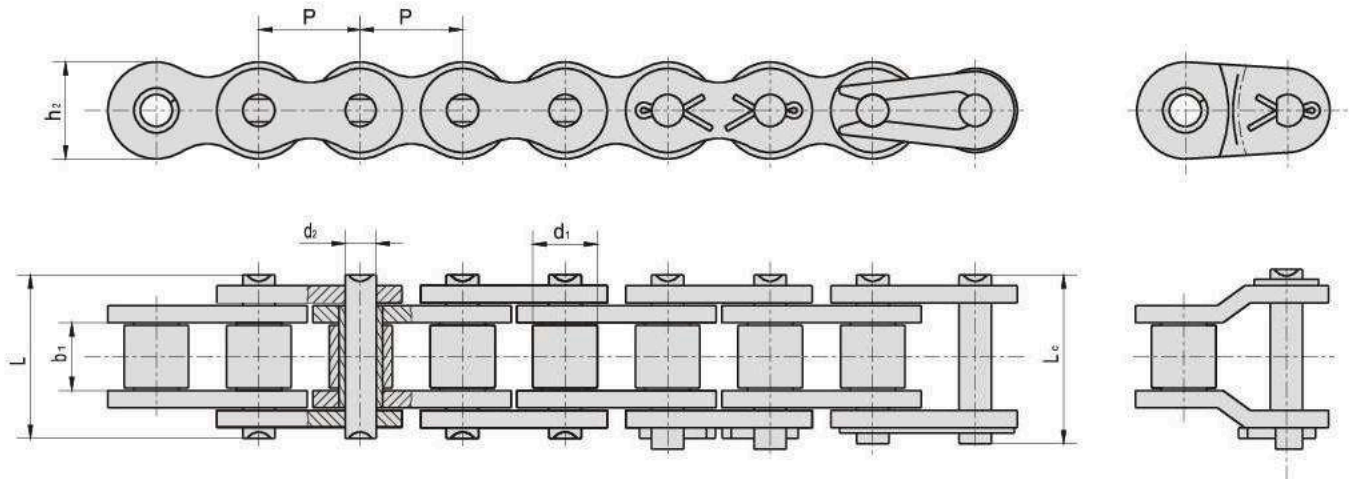
DIN/ISO	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
DIN/ISO Chain No.	P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	Pt	Q min	Q _o	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
05B-3	8.00	5.00	3.00	2.31	19.5	20.2	7.11	5.64	11.1	13.8	0.51
06B-3	9.525	6.35	5.72	3.28	33.8	33.9	8.20	10.24	24.9	29.8	1.18
08B-3	12.70	8.51	7.75	4.45	44.9	46.1	11.80	13.92	47.5	50.2	2.03
10B-3	15.875	10.16	9.65	5.08	52.8	54.1	14.70	16.59	66.7	79.6	2.82
12B-3	19.05	12.07	11.68	5.72	61.5	63.2	16.10	19.46	86.7	101.8	3.66
16B-3	25.40	15.88	17.02	8.28	99.8	102.9	21.05	31.88	160.0	188.0	8.15
20B-3	31.75	19.05	19.56	10.19	114.2	117.9	26.30	36.45	250.0	266.6	11.66
24B-3	38.10	25.40	25.40	14.63	150.1	154.6	33.30	48.36	425.0	462.2	21.34
28B-3	44.45	27.94	30.99	15.90	184.2	188.7	36.90	59.56	530.0	561.0	24.92
32B-3	50.80	29.21	30.99	17.81	183.2	188.2	42.10	58.55	670.0	710.2	30.09
40B-3	63.50	39.37	38.10	22.89	226.8	233.8	52.96	72.29	950.0	1007.0	47.60
48B-3	76.20	48.26	45.72	29.24	281.6	289.4	63.80	91.21	1500.0	1590.0	75.00
56B-3	88.90	53.98	53.34	34.32	327.8	336.2	77.80	106.60	2240.0	2460.0	105.25
64B-3	101.60	63.50	60.96	39.40	369.8	378.3	90.17	119.89	3000.0	3300.0	136.00
72B-3	114.30	72.39	68.58	44.48	420.0	429.0	103.60	136.27	3750.0	4125.0	179.80

Copper-plated, zinc-plated, nickel-plated and chrome-plated chain, stainless steel chain and multiple strands chain available.



Short pitch precision roller chains (A series)

Simplex roller chains and bushing chains



DIN/ISO	ANSI	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Ultimate tensile strength	Average tensile strength	Weight per meter
DIN/ISO Chain No.	ANSI Chain No.	P	d ₂ max	b ₁ min	d ₂ max	L max	L _c max	h _c max	Q _{min}	Q _o	q
		mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
	*10	3.175	1.7	1.6	1.16	4.45		2.90	1.2	1.30	0.039
	*15	4.7625	2.48	2.4	1.62	6.25		4.30	2.4	2.75	0.089
*04C-1	*25	6.35	3.30	3.10	2.31	7.80	8.45	6.00	3.5	4.40	0.15
*06C-1	*35	9.525	5.08	4.68	3.58	12.15	13.10	9.00	7.9	9.80	0.34
085-1	41	12.70	7.77	6.25	3.58	13.75	15.40	9.90	6.7	11.80	0.53
08A-1	40	12.70	7.92	7.85	3.96	16.60	17.75	12.00	14.1	17.00	0.63
10A-1	50	15.875	10.16	9.40	5.08	20.90	22.20	15.09	22.2	26.40	1.02
12A-1	60	19.05	11.91	12.57	5.94	25.90	27.50	18.0	31.8	38.80	1.59
16A-1	80	25.40	15.88	15.75	7.92	32.80	34.90	24.00	56.7	64.90	2.69
20A-1	100	31.75	19.05	18.90	9.53	40.00	43.40	30.10	88.5	101.80	4.04
24A-1	120	38.10	22.23	25.22	11.10	50.45	53.50	36.10	127.0	147.00	5.94
28A-1	140	44.45	25.40	25.22	12.70	54.40	59.00	42.10	172.4	197.70	7.78
32A-1	160	50.80	28.58	31.55	14.27	64.50	68.70	48.10	226.8	260.20	10.37
36A-1	180	57.15	35.71	35.48	17.46	72.80	78.60	53.60	280.2	327.80	13.6
40A-1	200	63.50	39.68	37.85	19.85	79.50	85.50	60.00	353.8	405.00	16.84
48A-1	240	76.2	47.63	47.35	23.81	95.50	103.00	72.39	510.3	585.40	24.4

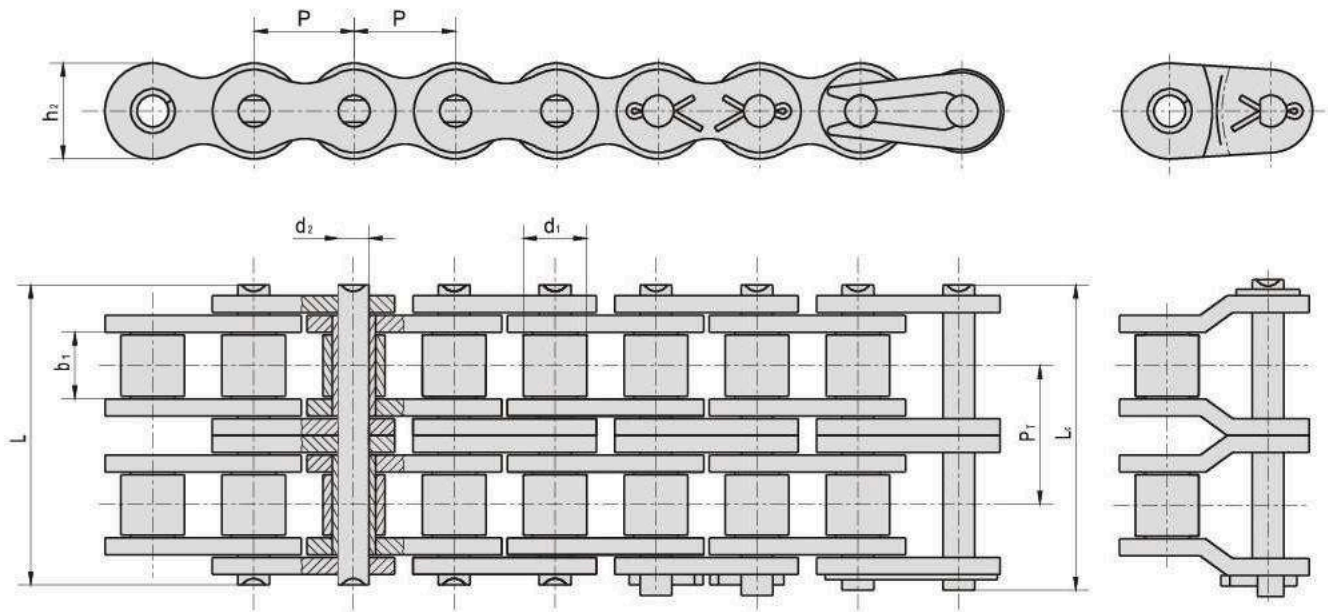
1. Bushing chain: d₁ in the table indicate the external diameter of the bushing.

2. Copper-plated, zinc-plated, nickel-plated and chrome-plated chain, stainless steel chain and multiple strands chain available.



Short pitch precision roller chains (A series)

Duplex roller chains and bushing chains



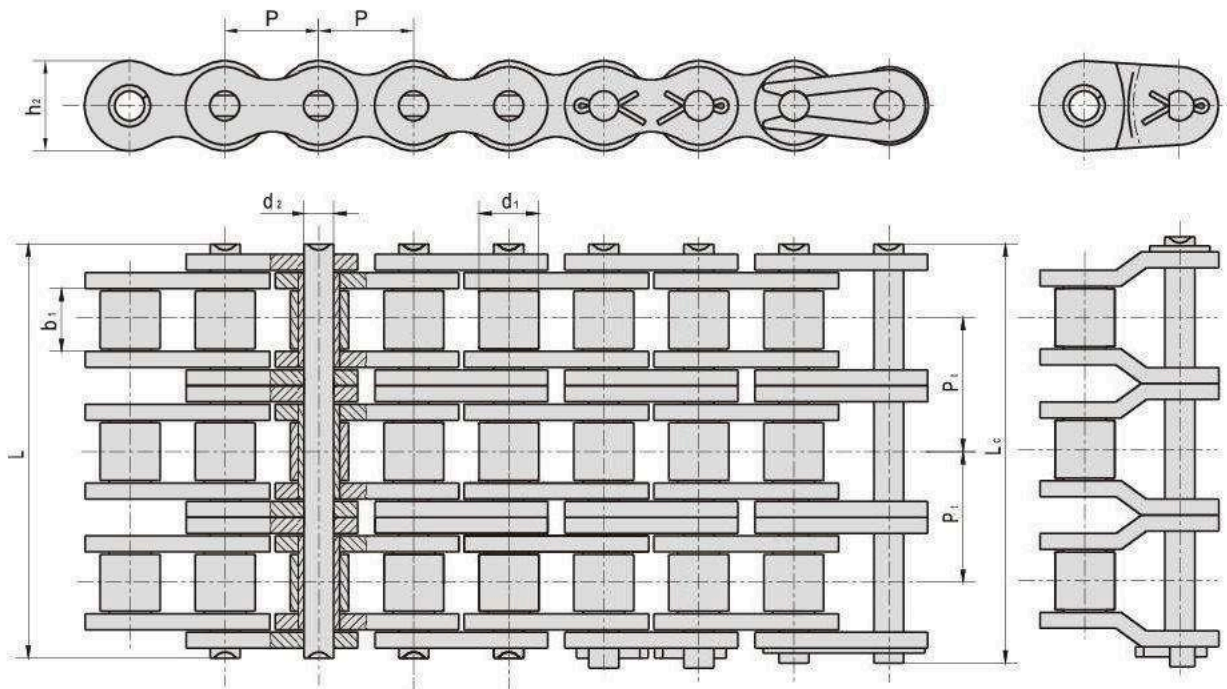
DIN/ISO	ANSI	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
DIN/ISO Chain No.	ANSI Chain No.	P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h _c max	Pt	Q min	Q _o	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*04C-2	*25-2	6.35	3.3	3.10	2.31	14.5	15.15	6.00	6.40	7.0	8.2	0.286
*06C-2	*35-2	9.525	5.08	4.68	3.58	22.5	23.40	9.00	10.13	15.8	19.1	0.67
08A-2	40-2	12.70	7.92	7.85	3.96	31.1	32.25	12.00	14.38	28.2	33.6	1.3
10A-2	50-2	15.875	10.16	9.40	5.08	39.0	40.30	15.09	18.11	44.4	55.4	2.03
12A-2	60-2	19.05	11.91	12.57	5.94	48.8	50.30	18.00	22.78	63.6	83.2	3.14
16A-2	80-2	25.40	15.88	15.75	7.92	62.7	64.20	24.00	29.29	113.4	140.0	5.33
20A-2	100-2	31.75	19.05	18.90	9.53	76.2	80.50	30.10	35.76	177.0	202.9	7.98
24A-2	120-2	38.10	22.23	25.22	11.10	95.8	99.70	36.10	45.44	254.0	291.4	11.75
28A-2	140-2	44.45	25.40	25.22	12.70	103.3	107.90	42.10	48.87	344.8	295.5	15.44
32A-2	160-2	50.80	28.58	31.55	14.27	123.3	128.10	48.10	58.55	453.6	520.4	20.59
36A-2	180-2	57.15	35.71	35.48	17.46	138.6	144.40	53.60	65.84	560.5	655.7	26.98
40A-2	200-2	63.50	39.68	37.85	19.85	151.9	158.80	60.00	71.55	707.6	748.6	33.4
48A-2	240-2	76.20	47.63	47.35	23.81	183.4	190.80	72.39	87.83	1020.6	1170.9	48.49

1. Bushing chain; d₁ in the table indicate the external diameter of the bushing.
 2. Copper-plated, zinc-plated, nickel-plated and chrome-plated chain, stainless steel chain and multiple strands chain available.



Short pitch precision roller chains (A series)

Triplex roller chains and bushing chains



DIN/ISO	ANSI	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
						L max	Lc max					
DIN/ISO Chain No.	ANSI Chain No.	P	d ₁ max	b ₁ min	d ₂ max	L max	Lc max	hc max	Pt	Q min	Q _o	q
		mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*06C-3	*35-3	9.525	5.08	4.68	3.58	32.8	33.7	9.00	10.13	23.7	28.6	1.05
08A-3	40-3	12.7	7.92	7.85	3.96	45.6	47.0	12.00	14.38	42.3	50.0	1.94
10A-3	50-3	15.875	10.16	9.40	5.08	57.4	59.1	15.09	18.11	66.6	77.8	3.04
12A-3	60-3	19.05	11.91	12.57	5.94	71.5	73.2	18.00	22.78	95.4	111.1	4.69
16A-3	80-3	25.40	15.88	15.75	7.92	91.7	93.5	24.00	29.29	170.1	198.4	7.97
20A-3	100-3	31.75	19.05	18.90	9.53	112.2	116.3	30.10	35.76	265.5	309.6	11.85
24A-3	120-3	38.10	22.23	25.22	11.10	141.4	145.2	36.10	45.44	381.0	437.2	17.57
28A-3	140-3	44.45	25.40	25.22	12.70	151.8	156.8	42.10	48.47	517.2	593.3	23.10
32A-3	160-3	50.80	28.58	31.55	14.27	181.8	186.6	48.10	58.55	684.4	780.6	30.83
36A-3	180-3	57.15	35.71	35.48	17.46	204.4	210.2	53.60	65.84	840.7	983.6	40.35
40A-3	200-3	63.50	39.68	37.85	19.85	223.5	230.4	60.00	71.55	1061.4	1217.8	49.97
48A-3	240-3	76.20	47.63	47.35	23.81	271.3	278.6	72.39	87.83	1530.9	1756.5	72.56

1. Bushing chain: d₁ in the table indicate the external diameter of the bushing.
 2. Copper-plated, zinc-plated, nickel-plated and chrome-plated chain, stainless steel chain and multiple strands chain available.

