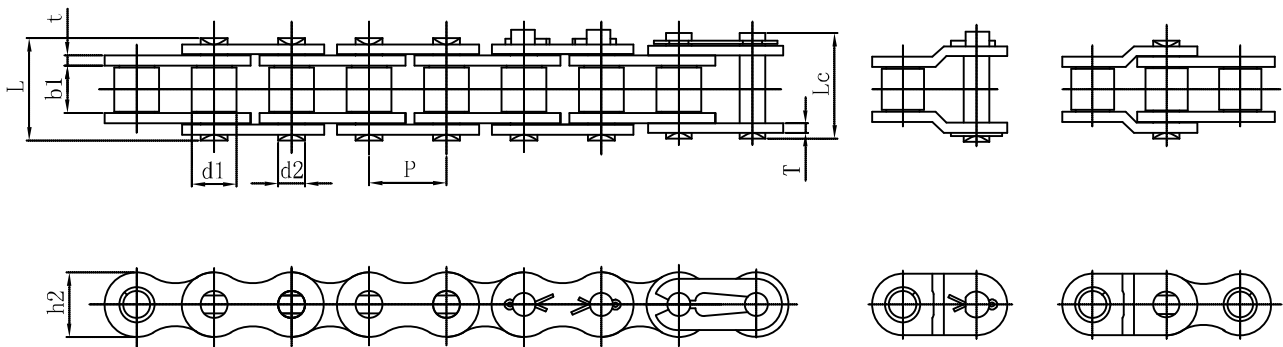


BRITISH STANDARD ROLLER CHAIN

SHORT PITCH SINGLE STRAND

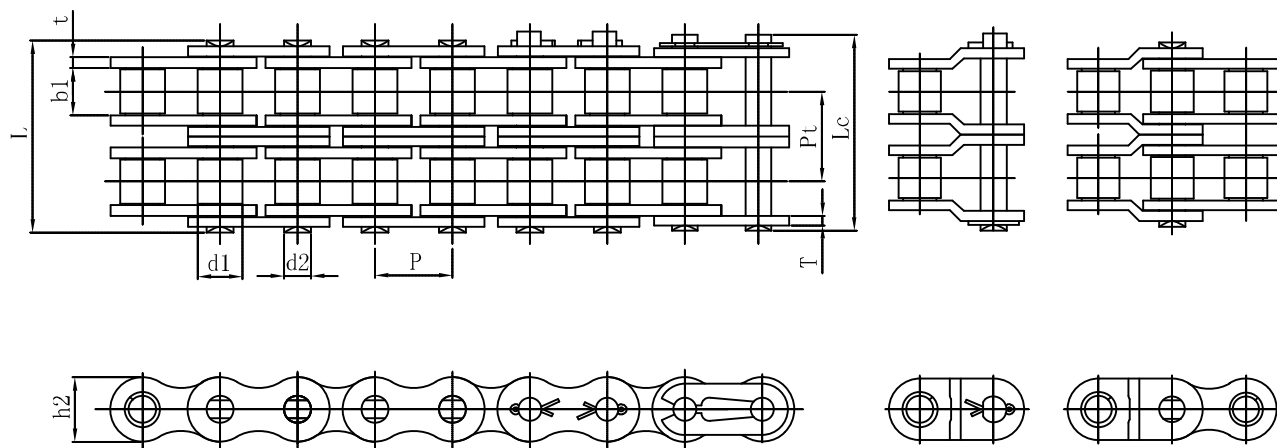


ISO/DIN Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	t/T	Pt	Q (ISO/DIN) min	Q ₀	q ≈
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
05B-1	8.00	5.00	3.00	2.31	8.20	8.90	7.10	0.80	-	4.40/5.00	5.90	0.20
* 06B-1	9.525	6.35	5.72	3.28	13.15	15.15	8.26	1.34	-	8.90/9.00	10.30	0.41
08B-1	12.70	8.51	7.75	4.45	16.95	19.05	11.81	1.60	-	17.80/18.00	19.60	0.69
10B-1	15.875	10.16	9.65	5.08	19.50	22.0	14.73	1.70	-	22.20/22.40	27.50	0.93
12B-1	19.05	12.07	11.68	5.72	22.50	25.10	16.13	1.85	-	28.90/29.00	33.30	1.15
16B-1	25.40	15.88	17.02	8.28	36.10	41.50	21.08	4.09/3.10	-	60.00	71.00	2.71
20B-1	31.75	19.05	19.58	10.19	42.40	47.60	26.42	4.60/3.60	-	95.00	101.80	3.70
24B-1	38.10	25.40	25.40	14.63	53.40	57.10	33.40	5.80/4.80	-	160.00	176.00	7.10
28B-1	44.45	27.94	30.99	15.90	65.10	69.40	37.08	7.50/6.50	-	200.00	215.60	8.50
32B-1	50.80	29.21	30.99	17.81	66.00	69.50	42.29	7.00/6.00	-	250.00	280.30	10.25
40B-1	63.50	39.37	38.10	22.89	82.60	91.30	52.96	8.50/7.50	-	355.00	392.00	16.35
48B-1	76.20	48.26	45.72	29.24	99.10	109.60	63.88	11.70/10.00	-	560.00	599.20	25.00
56B-1	88.90	53.98	53.34	34.32	114.6	123.0	77.80	13.5/12.0	-	850.0	940.0	35.78
64B-1	101.60	63.50	60.96	39.40	130.0	138.5	90.17	15.0/13.0	-	1120.0	1240.0	46.00
72B-1	114.30	72.39	68.58	44.48	147.4	156.4	103.60	17.0/15.0	-	1400.0	1550.0	60.80

* Straight side plates

BRITISH STANDARD ROLLER CHAIN

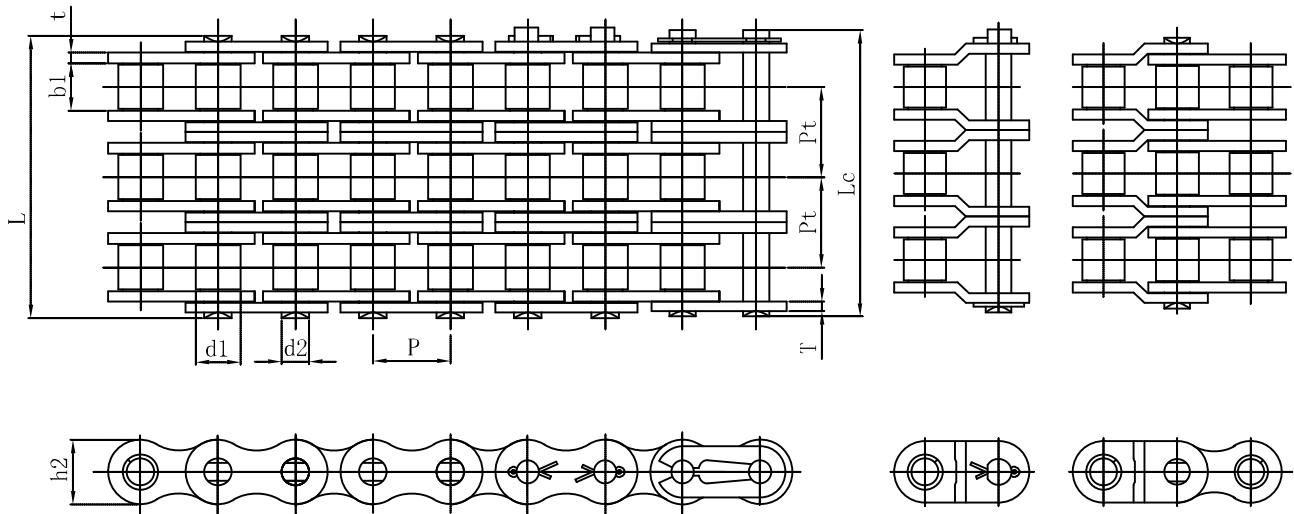
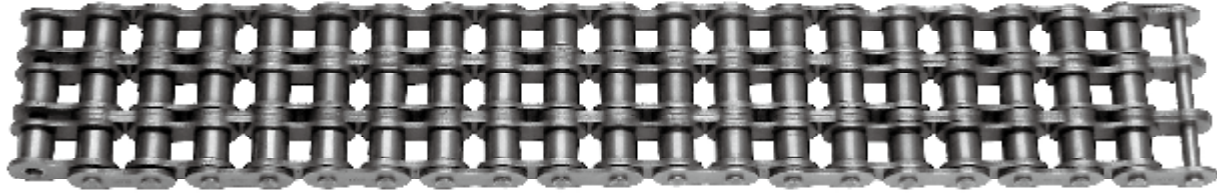
SHORT PITCH DOUBLE STRAND



ISO/DIN 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	d ₁ max	b ₁ min	d ₂ max	L max	Lc max	h ₂ max	t/T	Pt	Q (ISO/DIN) min	Q ₀	q ≈
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
05B-2	8,00	5,00	3,00	2,31	13,90	14,50	7,10	0,80	5,64	7,80	10,20	0,33
*06B-2	9,525	6,35	5,72	3,28	23,40	27,10	8,26	1,34	10,24	16,90	18,10	0,74
08B-2	12,70	8,51	7,75	4,45	31,00	33,00	11,81	1,60	13,92	31,10/32,00	37,40	1,34
10B-2	15,875	10,16	9,65	5,08	36,10	38,60	14,73	1,70	16,59	44,50	54,20	1,84
12B-2	19,05	12,07	11,68	5,72	42,00	44,40	16,13	1,85	19,46	57,80	66,60	2,31
16B-2	25,40	15,88	17,02	8,28	68,00	73,40	21,08	4,09/3,10	31,88	106,00	126,50	5,42
20B-2	31,75	19,05	19,58	10,19	79,70	83,60	26,42	4,60/3,60	36,45	170,00	210,00	7,20
24B-2	38,10	25,40	25,40	14,63	101,80	105,42	33,40	5,80/4,80	48,36	280,00	305,50	13,40
28B-2	44,45	27,94	30,99	15,90	124,70	128,96	37,08	7,50/6,50	59,56	360,00	390,50	16,60
32B-2	50,80	29,21	30,99	17,81	124,60	128,05	42,29	7,00/6,00	58,55	450,00	487,50	21,00
40B-2	63,50	39,37	38,10	22,89	154,50	163,80	52,96	8,50/7,50	72,29	630,00	680,20	32,00
48B-2	76,20	48,26	45,72	29,24	190,40	200,90	63,88	11,70/10,00	91,21	1000,00	1070,00	50,00
56B-2	88,90	53,98	53,34	34,32	221,2	229,6	77,80	13,5/12,0	106,6	1600,00	1760,00	71,48
64B-2	101,60	63,50	60,96	39,40	249,9	258,4	90,17	15,0/13,0	119,89	2000,00	2200,00	91,00
72B-2	114,30	72,39	68,58	44,48	283,7	292,7	103,60	17,0/15,0	136,27	2500,00	2750,00	120,40

*Straight side plates

BRITISH STANDARD ROLLER CHAIN SHORT PITCH TRIPLE STRAND



ISO/DIN 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	d ₁ max	b ₁ min	d ₂ max	L max	L _c max	h ₂ max	t/T	Pt	Q (ISO/DIN) min	Q ₀	q ≈
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
*06B-3	9,525	6,35	5,72	3,28	33,50	37,30	8,26	1,34	10,24	24,90	29,80	1,16
08B-3	12,70	8,51	7,75	4,45	44,90	47,20	11,81	1,60	13,92	44,50/47,50	50,20	2,03
10B-3	15,875	10,16	9,65	5,08	52,70	55,60	14,73	1,70	16,59	66,70	79,80	2,77
12B-3	19,05	12,07	11,68	5,72	61,50	65,20	16,13	1,85	19,46	86,70	101,80	3,46
16B-3	25,40	15,88	17,02	8,28	99,80	105,30	21,08	4,09/3,10	31,88	160,00	190,00	8,13
20B-3	31,75	19,05	19,58	10,19	114,55	121,20	26,42	4,60/3,60	36,45	250,00	276,20	10,82
24B-3	38,10	25,40	25,40	14,63	150,20	153,82	33,40	5,80/4,80	48,36	425,00	480,00	20,10
28B-3	44,45	27,94	30,99	15,90	184,30	188,52	37,08	7,50/6,50	59,56	530,00	580,00	24,92
32B-3	50,80	29,21	30,99	17,81	184,01	186,60	42,29	7,00/6,00	58,55	670,00	720,20	31,56
40B-3	63,50	39,37	38,10	22,89	226,80	236,10	52,96	8,50/7,50	72,29	950,00	1020,00	48,10
48B-3	76,20	48,26	45,72	29,24	281,60	292,10	63,88	11,70/10,00	91,21	1500,00	1590,00	75,00
56B-3	88,90	53,98	53,34	34,32	327,8	336,20	77,80	13,5/12,00	106,6	2240,00	2240,00	107,18
64B-3	101,60	63,50	60,96	39,40	369,8	378,30	90,17	15,0/13,00	119,89	3000,00	3300,00	136,00
72B-3	114,30	72,39	68,58	44,48	420,0	429,00	103,60	17,0/15,00	136,27	3750,00	4125,00	180,00

*Straight side plates