

Bearing Supplies

Norwich

tel: 01603891800

email: sales@bearing-supplies.co.uk

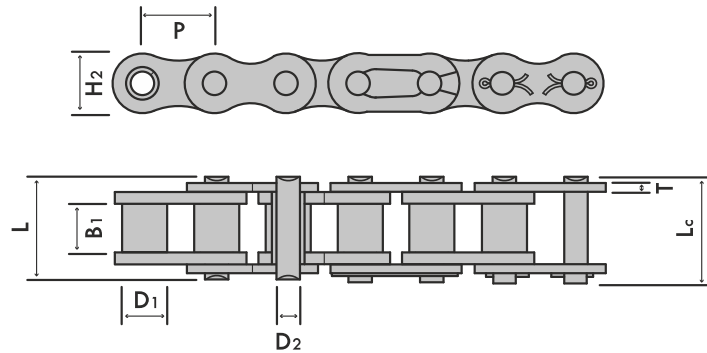
web: www.bearing-supplies.co.uk

Roller Chain



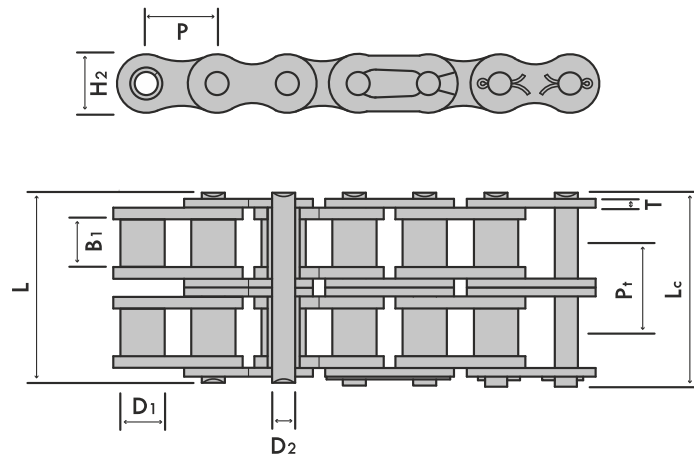
POWERDRIVE ROLLER CHAIN

BRITISH STANDARD - SIMPLEX



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
	inch	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
04B-1	1/4"	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	5/16"	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	3/8"	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	1/2"	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	5/8"	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	3/4"	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	1"	25.400	15.88	17.02	8.28	26.10	37.4	21.00	4.15/3.1	60.0/13636	72.8	2.71
20B-1	1 1/4"	31.750	19.05	19.56	10.19	41.30	45.0	26.40	4.5/3.5	95.0/21591	106.7	3.70
24B-1	1 1/2"	38.100	25.40	25.40	14.63	53.40	57.8	33.20	6.0/4.8	160.0/36364	178.0	7.10
28B-1	1 3/4"	44.450	27.94	30.99	15.90	65.10	69.5	36.70	7.5/6.0	200.0/45455	22.0	8.50
32B-1	2"	50.800	29.21	30.99	17.81	66.00	71.0	42.00	7.0/6.0	250.0/56818	277.5	10.25

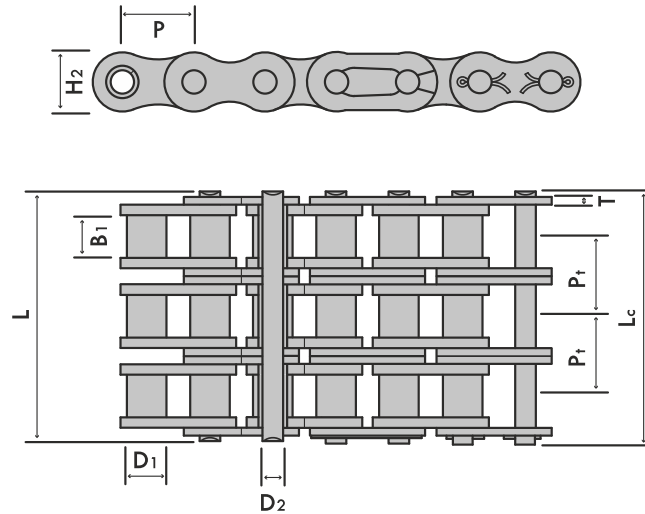
BRITISH STANDARD - DUPLEX



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
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
05B-2	5/16"	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	3/8"	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	1/2"	12.700	8.51	7.75	4.45	31.2	32.2	11.80	1.60	13.92	32.0/7232	38.7	1.34
10B-2	5/8"	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	3/4"	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	1"	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	1 1/4"	31.750	19.05	19.56	10.19	77.8	81.5	26.40	4.5/3.5	36.45	170.0/38636	211.2	7.20
24B-2	1 1/2"	38.100	25.40	25.40	14.63	101.7	106.2	33.20	6.0/4.8	48.36	28.0/63636	319.2	13.40
28B-2	1 3/4"	44.450	27.94	30.99	15.90	124.6	129.1	36.70	7.5/6.0	59.56	360.0/81818	406.8	16.60
32B-2	2"	50.800	29.21	30.99	17.81	124.6	129.6	42.00	7.0/6.0	58.55	450.0/102273	508.5	21.00

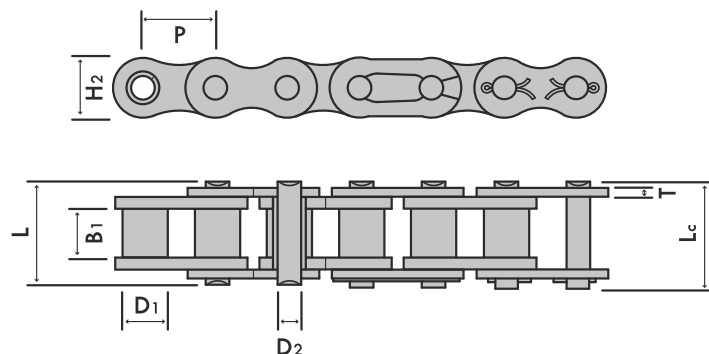
POWERDRIVE ROLLER CHAIN

BRITISH STANDARD - TRIPLEX



ISO CHAIN NO.	Pitch		Roller dia meter	Width between inner plates	Pin dia meter	Pin length		Inner plate depth	Plate thickness	Trans- verse 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
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
05B-3	5/16"	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	3/8"	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	1/2"	12.700	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	5/8"	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	3/4"	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	1"	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	1 1/4"	31.750	19.05	19.56	10.19	114.2	117.9	26.40	4.5/3.5	36.45	250.0/56818	290.0	10.82
24B-3	1 1/2"	38.100	25.40	25.40	14.63	150.1	154.6	33.20	6.0/4.8	48.36	425.0/96591	493.0	20.10
28B-3	1 3/4"	44.450	27.94	30.99	15.90	184.2	188.7	36.70	7.5/6.00	59.56	530.0/120454	609.5	24.92
32B-3	2"	50.800	29.21	30.99	17.81	183.2	188.2	42.00	7.0/6.0	58.55	670.0/152273	770.5	31.56

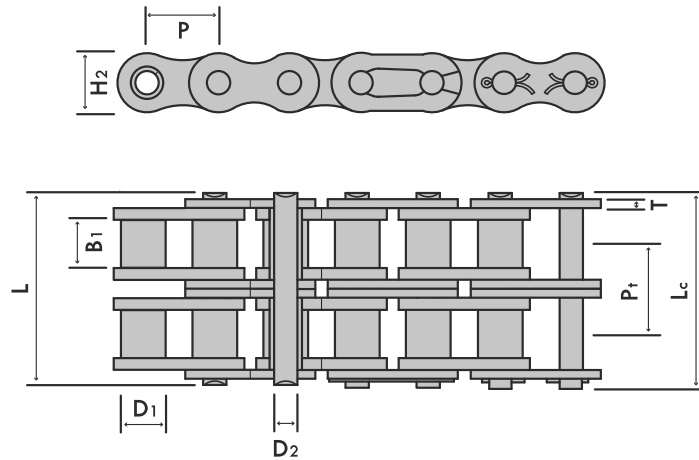
AMERICAN STANDARD - SIMPLEX



ANSI CHAIN NO.	Pitch		Roller Diameter	Width between inner plates	Pin dia meter	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
	inch	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
ASA 35-1	3/8"	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90/1795	10.8	0.33
ASA 40-1	1/2"	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10/3205	17.5	0.62
ASA 50-1	5/8"	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20/5045	29.4	1.02
ASA 60-1	3/4"	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80/7227	41.5	1.50
ASA 80-1	1"	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70/12886	69.4	2.60
ASA 100-1	1 1/4"	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50/20114	109.2	3.91
ASA 120-1	1 1/2"	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00/28864	156.3	5.62
ASA 140-1	1 3/4"	44.450	25.40	25.22	12.70	54.40	59.00	41.00	5.60	172.40/39182	212.0	7.50
ASA 160-1	2"	50.800	28.58	31.55	14.27	64.60	69.60	47.80	6.40	226.80/51545	278.9	10.10

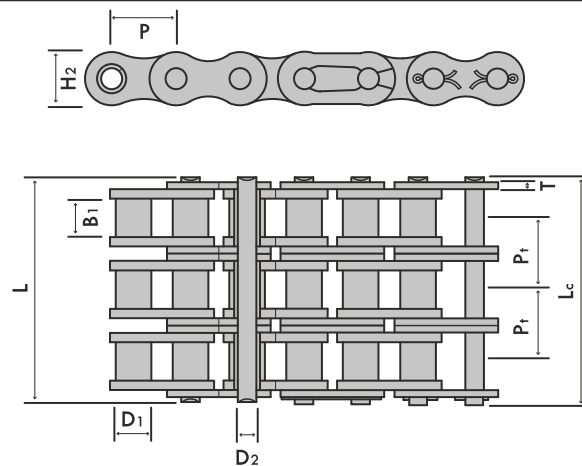
POWERDRIVE ROLLER CHAIN

AMERICAN STANDARD - DUPLEX



ANSI CHAIN NO.	Pitch		Roller dia meter	Width between inner plates	Pin dia meter	Pin length		Inner plate depth	Plate thick- ness	Trans- verse 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
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
ASA 35-2	3/8"	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
ASA 40-2	1/2"	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
ASA 50-2	5/8"	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
ASA 60-2	3/4"	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
ASA 80-2	1"	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
ASA 100-2	1 1/4"	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
ASA 120-2	1 1/2"	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
ASA 140-2	1 3/4"	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
ASA 160-2	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

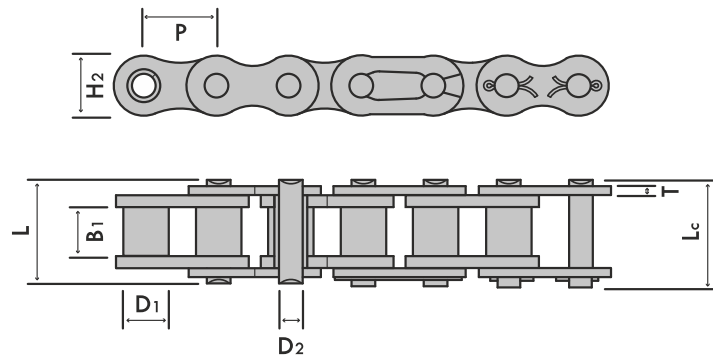
AMERICAN STANDARD - TRIPLEX



ANSI CHAIN NO.	Pitch		Roller dia meter	Width between inner plates	Pin dia meter	Pin length		Inner plate depth	Plate thickness	Trans- verse 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
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
ASA 35-2	3/8"	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
ASA 40-2	1/2"	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
ASA 50-2	5/8"	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
ASA 60-2	3/4"	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
ASA 80-2	1"	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
ASA 100-2	1 1/4"	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
ASA 120-2	1 1/2"	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
ASA 140-2	1 3/4"	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
ASA 160-2	2"	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

POWERDRIVE ROLLER CHAIN

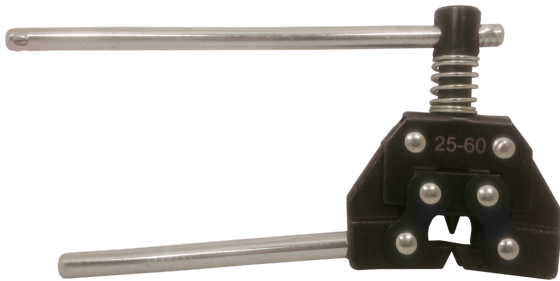
AMERICAN STANDARD - HEAVY DUTY - SIMPLEX



ANSI CHAIN NO.	Pitch		Roller Diameter	Width between inner plates	Pin dia meter	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
	inch	mm	mm	mm	mm	mm	mm	mm	mm	kN/LB	kN	kg/m
50 H -1	5/8"	15.875	10.16	9.40	5.08	22.1	23.4	15.09	2.42	22.2/5045	30.2	1.25
60 H -1	3/4"	19.050	11.91	12.57	5.94	29.2	31.0	18.00	3.25	31.8/7227	42.7	1.87
80 H -1	1"	25.400	15.88	15.75	7.92	36.2	37.7	24.00	4.00	56.7/12886	71.4	3.10
100 H -1	1 1/4"	31.750	19.05	18.90	9.53	43.6	46.9	30.00	4.80	88.5/20114	112.4	4.52
120 H -1	1 1/2"	38.100	22.23	25.22	11.10	53.5	57.5	35.70	5.60	127.0/28864	160.9	6.60
140 H -1	1 3/4"	44.450	25.40	25.22	12.70	57.6	62.2	41.00	6.40	172.4/39182	217.3	8.30
160 H -1	2"	50.800	28.58	31.55	14.27	68.2	73.0	47.80	7.20	226.8/51545	285.8	10.30

POWERDRIVE CHAIN BREAKERS

POWERDRIVE CHAIN BREAKERS



CB2560

Able to break 1/4" - 3/4" pitch chain



CB60100

Able to break 3/4" - 1 1/4" pitch chain

- An easy to use design which quickly and efficiently breaks roller chain
- Hardened parts leading to a longer life
- No additional force is required to break the roller chain
- Suitable for simplex and duplex roller chain