

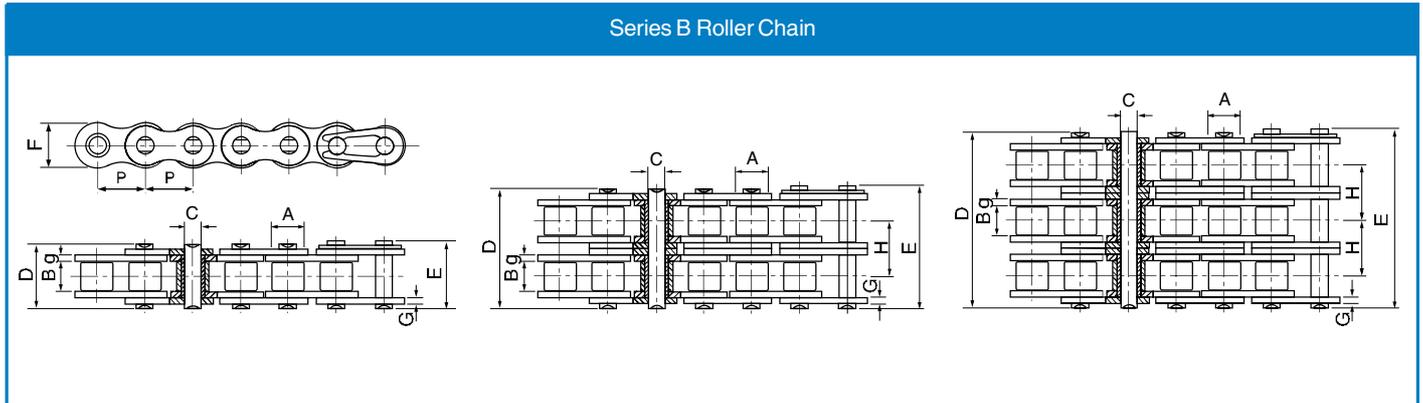
# CHAIN



# Roller Chain

British Standard Roller Chain

BS228, ISO R606, DIN 8187



ISO ChainNo.	Pitch	Roller diameter		Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch	Minimum tensile strength	Average tensile strength	Weight per meter
	P mm	A mm	B mm		C mm	D mm						
<b>SIMPLEX</b>												
04B-1	6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60		3.00	3.20	0.11
05B-1	8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80		5.00	5.90	0.20
*06B-1	9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30		9.00	10.40	0.41
08B-1	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60		18.00	19.40	0.69
10B-1	15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70		22.40	27.50	0.93
12B-1	19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85		29.00	32.20	1.15
16B-1	25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1		60.00	72.80	2.71
20B-1	31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5		95.00	106.70	3.70
24B-1	38.100	25.40	25.40	14.63	53.40	57.80	33.20	6.0/4.8		160.00	178.00	7.10
28B-1	44.450	27.94	30.99	15.90	65.10	69.50	36.70	7.5/6.0		200.00	222.00	8.50
32B-1	50.800	29.21	30.99	17.81	66.00	71.00	42.00	7.0/6.0		250.00	277.50	10.25
40B-1	63.500	39.37	38.10	22.89	82.20	89.20	52.96	8.5/8.0		355.00	394.00	16.35
48B-1	76.200	48.26	45.72	29.24	99.10	107.00	63.80	12/10		560.00	621.60	25.00
<b>DUPLEX</b>												
05B-2	8.000	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	24.40	8.20	1.30	10.24	16.90	18.70	0.77
08B-2	12.700	8.51	7.75	4.45	31.20	32.20	11.80	1.60	13.92	32.00	38.70	1.34
10B-2	15.875	10.16	9.65	5.08	36.10	37.50	14.70	1.70	16.59	44.50	56.20	1.84
12B-2	19.050	12.07	11.68	5.72	42.00	43.60	16.00	1.85	19.46	57.80	66.10	2.31
16B-2	25.400	15.88	17.02	8.28	68.00	69.30	21.00	4.15/3.1	31.88	106.00	133.00	5.42
20B-2	31.750	19.05	19.56	10.19	77.80	81.50	26.40	4.5/3.5	36.45	170.00	211.20	7.20
24B-2	38.100	25.40	25.40	14.63	101.70	106.20	33.20	6.0/4.8	48.36	280.00	319.20	13.40
28B-2	44.450	27.94	30.99	15.90	124.60	129.10	36.70	7.5/6.0	59.56	360.00	406.80	16.60
32B-2	50.800	29.21	30.99	17.81	124.60	129.60	42.00	7.0/6.0	58.55	450.00	508.50	21.00
40B-2	63.500	39.37	38.10	22.89	154.50	161.50	52.96	8.5/8.0	72.29	630.00	711.90	32.00
48B-2	76.200	48.26	45.72	29.24	190.40	198.20	63.80	12/10	91.21	1000.00	1130.00	50.00
<b>TRIPLEX</b>												
05B-3	8.000	5.00	3.00	2.31	19.50	20.20	7.10	0.80	5.64	11.10	13.80	0.48
*06B-3	9.525	6.35	5.72	3.28	33.50	34.60	8.20	1.30	10.24	24.90	30.10	1.16
08B-3	12.700	8.51	7.75	4.45	45.10	46.10	11.80	1.60	13.92	47.50	57.80	2.03
10B-3	15.875	10.16	9.65	5.08	52.70	54.10	14.70	1.70	16.59	66.70	84.50	2.77
12B-3	19.050	12.07	11.68	5.72	61.50	63.10	16.00	1.85	19.46	86.70	101.80	3.46
16B-3	25.400	15.88	17.02	8.28	99.80	101.20	21.00	4.15/3.1	31.88	160.00	203.70	8.13
20B-3	31.750	19.05	19.56	10.19	114.20	117.90	26.40	4.5/3.5	36.45	250.00	290.00	10.82
24B-3	38.100	25.40	25.40	14.63	150.10	154.60	33.20	6.0/4.8	48.36	425.00	493.00	20.10
28B-3	44.450	27.94	30.99	15.90	184.20	188.70	36.70	7.5/6.0	59.56	530.00	609.50	24.92
32B-3	50.800	29.21	30.99	17.81	183.20	188.20	42.00	7.0/6.0	58.55	670.00	770.50	31.56
40B-3	63.500	39.37	38.10	22.89	226.80	233.80	52.96	8.5/8.0	72.29	950.00	1092.50	48.10
48B-3	76.200	48.26	45.72	29.24	281.60	289.40	63.80	12/10	91.21	1500.00	1710.00	75.00

\* Straight Side Plate Chain

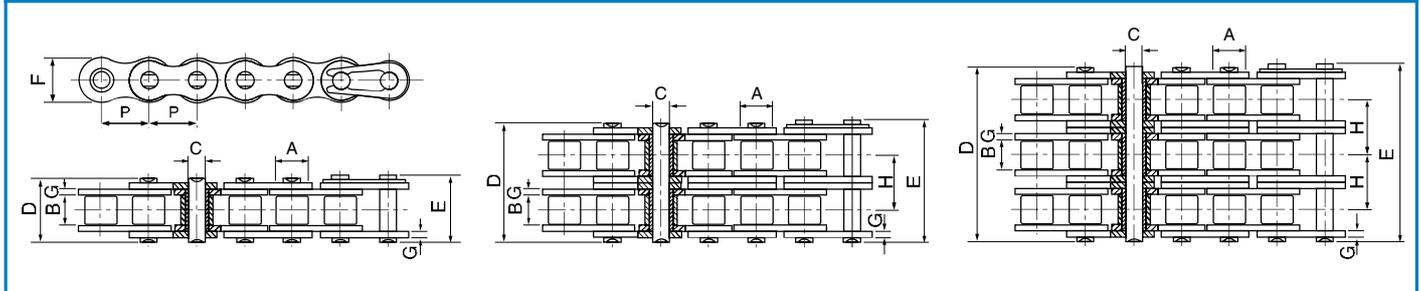
Standard boxed lengths are 5 meters  
Special lengths available

# Roller Chain

## ANSI Standard Roller Chain

## ANSI B29.1, ISO R606, DIN 8188

### Series A Roller Chain



ANSI ChainNo.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch	Minimum tensile strength	Average tensile strength	Weight per meter
	P mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	kN	kN	kg/m
<b>SIMPLEX</b>												
*15	4.763	2.48	2.38	1.62	6.10	6.90	4.30	0.60		1.8	2.0	0.08
*25-1	6.350	3.30	3.18	2.31	7.90	8.40	6.00	0.80		3.5	4.6	0.15
*35-1	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30		7.9	10.8	0.33
41-1	12.700	7.77	6.25	3.58	13.75	15.00	9.91	1.30		6.7	12.6	0.41
40-1	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50		14.1	17.5	0.62
50-1	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03		22.2	29.4	1.02
60-1	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42		31.8	41.5	1.50
80-1	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25		56.7	69.4	2.60
100-1	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00		88.5	109.2	3.91
120-1	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80		127.0	156.3	5.62
140-1	44.450	25.40	25.22	12.70	54.40	59.00	41.00	5.60		172.4	212.0	7.50
160-1	50.800	28.58	31.55	14.27	64.80	69.60	47.80	6.40		226.8	278.9	10.10
180-1	57.150	35.71	35.48	17.46	72.80	78.60	53.60	7.20		280.2	341.8	13.45
200-1	63.500	39.68	37.85	19.85	80.30	87.20	60.00	8.00		353.8	431.6	16.15
240-1	76.200	47.63	47.35	23.81	95.50	103.00	72.39	9.50		510.3	622.5	23.20
<b>DUPLEX</b>												
*25-2	6.350	3.30	3.18	2.31	14.50	15.00	6.00	0.80	6.40	7.0	8.6	0.28
*35-2	9.525	5.08	4.77	3.58	22.50	23.30	9.00	1.30	10.13	15.8	19.7	0.63
41-2	12.700	7.77	6.25	3.58	25.70	26.90	9.91	1.30	11.95	13.3	16.9	0.81
40-2	12.700	7.95	7.85	3.96	31.00	32.20	12.00	1.50	14.38	28.2	35.9	1.12
50-2	15.875	10.16	9.40	5.08	38.90	40.40	15.09	2.03	18.11	44.4	58.1	2.00
60-2	19.050	11.91	12.57	5.94	48.80	50.50	18.00	2.42	22.78	63.6	82.1	2.92
80-2	25.400	15.88	15.75	7.92	62.70	64.30	24.00	3.25	29.29	113.4	141.8	5.15
100-2	31.750	19.05	18.90	9.53	76.40	80.50	30.00	4.00	35.76	177.0	219.4	7.80
120-2	38.100	22.23	25.22	11.10	95.80	99.70	35.70	4.80	45.44	254.0	314.9	11.70
140-2	44.450	25.40	25.22	12.70	103.30	107.90	41.00	5.60	48.87	344.8	427.5	15.14
160-2	50.800	28.58	31.55	14.27	123.30	128.10	47.80	6.40	58.55	453.6	562.4	20.14
180-2	57.150	35.71	35.48	17.46	138.60	144.40	53.60	7.20	65.84	560.5	695.0	29.22
200-2	63.500	39.68	37.85	19.85	151.90	158.80	60.00	8.00	71.55	707.6	877.4	32.24
240-2	76.200	47.63	47.35	23.81	183.40	190.80	72.39	9.50	87.83	1020.6	1255.3	45.23
<b>TRIPLEX</b>												
*25-3	6.350	3.30	3.18	2.31	21.00	21.50	6.00	0.80	6.40	10.5	12.6	0.44
*35-3	9.525	5.08	4.77	3.58	32.70	33.50	9.00	1.30	10.13	23.7	28.6	1.05
40-3	12.700	7.95	7.85	3.96	45.40	46.60	12.00	1.50	14.38	42.3	50.0	1.90
50-3	15.875	10.16	9.40	5.08	57.00	58.50	15.09	2.03	18.11	66.6	77.8	3.09
60-3	19.050	11.91	12.57	5.94	71.50	73.30	18.00	2.42	22.78	95.4	111.1	4.54
80-3	25.400	15.88	15.75	7.92	91.70	93.60	24.00	3.25	29.29	170.1	198.4	7.89
100-3	31.750	19.05	18.90	9.53	112.20	116.30	30.00	4.00	35.76	265.5	309.6	11.77
120-3	38.100	22.23	25.22	11.10	141.40	145.20	35.70	4.80	45.44	381.0	437.2	17.53
140-3	44.450	25.40	25.22	12.70	152.20	156.80	41.00	5.60	48.87	517.2	593.3	22.20
160-3	50.800	28.58	31.55	14.27	181.80	186.60	47.80	6.40	58.55	680.4	780.6	30.02
180-3	57.150	35.71	35.48	17.46	204.40	210.20	53.60	7.20	65.84	840.7	983.6	38.22
200-3	63.500	39.68	37.85	19.85	223.50	230.40	60.00	8.00	71.55	1061.4	1217.8	49.03
240-3	76.200	47.63	47.35	23.81	271.30	278.60	72.39	9.50	87.83	1530.9	1756.5	71.60

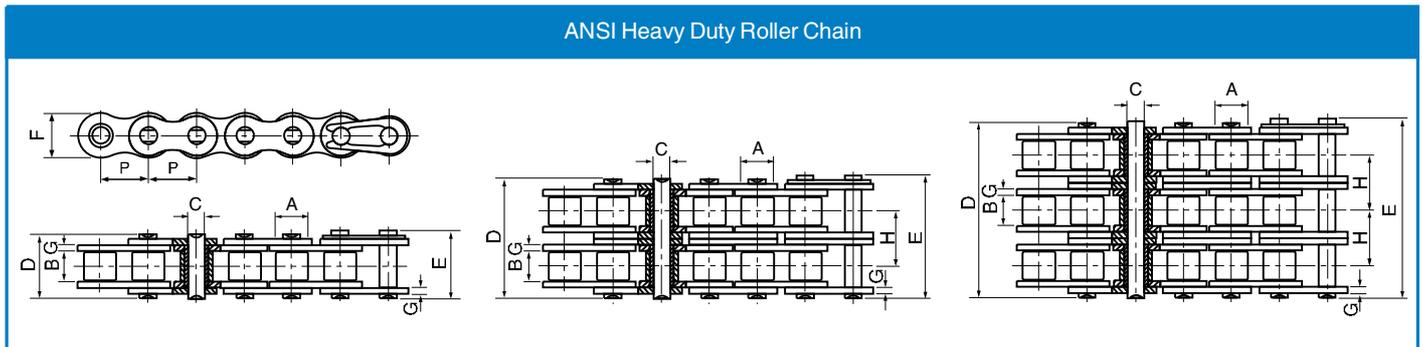
\* Bush chain: A in the table indicates the external diameter of the bush

Standard boxed lengths are 5 meters. Special lengths available.

Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused. All dimensions in millimetres unless otherwise stated.

# Roller Chain

## ANSI Heavy Duty Roller Chain

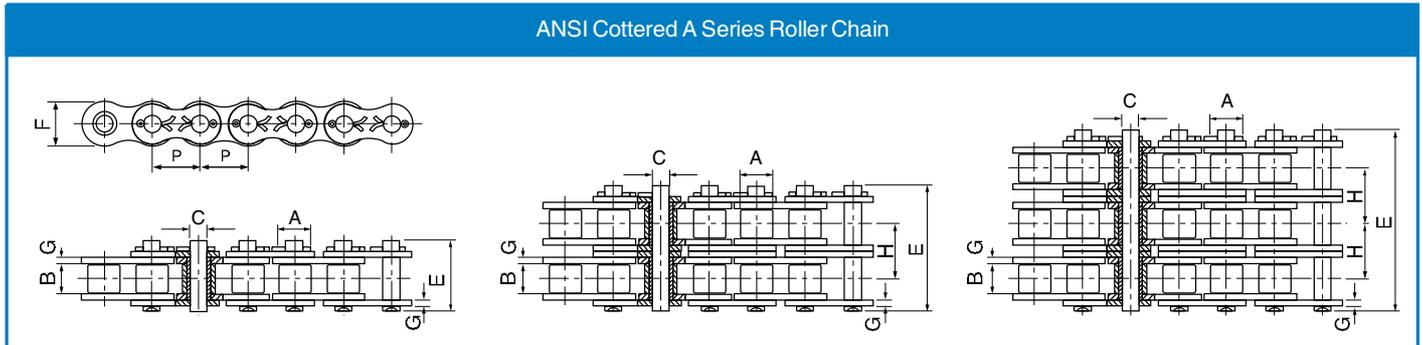


ANSI ChainNo.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Transverse pitch	Minimum tensile strength	Average tensile strength	Weight per meter
	P mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	kN	kN	kg/m
<b>SIMPLEX</b>												
40H-1	12.700	7.95	7.85	3.96	18.80	19.90	12.00	2.03		14.10	19.10	0.82
50H-1	15.875	10.16	9.40	5.08	22.10	23.40	15.09	2.42		22.20	30.20	1.25
60H-1	19.050	11.91	12.57	5.94	29.20	31.00	18.00	3.25		31.80	42.70	1.87
80H-1	25.400	15.88	15.75	7.92	36.20	37.70	24.00	4.00		56.70	71.40	3.10
100H-1	31.750	19.05	18.90	9.53	43.60	46.90	30.00	4.80		88.50	112.40	4.52
120H-1	38.100	22.23	25.22	11.10	53.50	57.50	35.70	5.60		127.00	160.90	6.60
140H-1	44.450	25.40	25.22	12.70	57.60	62.20	41.00	6.40		172.40	217.30	8.30
160H-1	50.800	28.58	31.55	14.27	68.20	73.00	47.80	7.20		226.80	285.80	10.30
200H-1	63.500	39.68	37.85	19.85	86.60	93.50	60.00	9.50		353.80	444.50	19.16
<b>DUPLEX</b>												
60H-2	19.050	11.91	12.57	5.94	55.30	57.10	18.00	3.25	26.11	63.60	84.50	3.71
80H-2	25.400	15.88	15.75	7.92	68.80	70.30	24.00	4.00	32.59	113.40	145.30	6.15
100H-2	31.750	19.05	18.90	9.53	82.70	86.00	30.00	4.80	39.09	177.00	225.90	9.03
120H-2	38.100	22.23	25.22	11.10	102.40	106.40	35.70	5.60	48.87	254.00	322.70	13.13
140H-2	44.450	25.40	25.22	12.70	109.80	114.40	41.00	6.40	52.20	344.80	437.70	16.60
160H-2	50.800	28.58	31.55	14.27	130.10	134.90	47.80	7.20	61.90	453.60	571.60	20.20
200H-2	63.500	39.68	37.85	19.85	164.90	171.80	60.00	9.50	78.31	707.60	894.90	38.11
<b>TRIPLEX</b>												
60H-3	19.050	11.91	12.57	5.94	81.40	83.20	18.00	3.25	26.11	95.40	113.90	5.54
80H-3	25.400	15.88	15.75	7.92	101.40	102.90	24.00	4.00	32.59	170.10	203.50	9.42
100H-3	31.750	19.05	18.90	9.53	121.80	125.10	30.00	4.80	39.09	265.50	314.80	12.96
120H-3	38.100	22.23	25.22	11.10	151.20	155.20	35.70	5.60	48.87	381.00	444.70	19.64
140H-3	44.450	25.40	25.22	12.70	162.00	166.60	41.00	6.40	52.20	517.20	598.40	24.90
160H-3	50.800	28.58	31.55	14.27	192.00	196.80	47.80	7.20	61.90	680.40	787.30	30.10
200H-3	63.500	39.68	37.85	19.85	243.20	250.10	60.00	9.50	78.31	1061.40	1228.20	57.06

Standard boxed lengths are 5 meters  
Special lengths available.

# Roller Chain

## ANSI Cottered Series Roller Chain

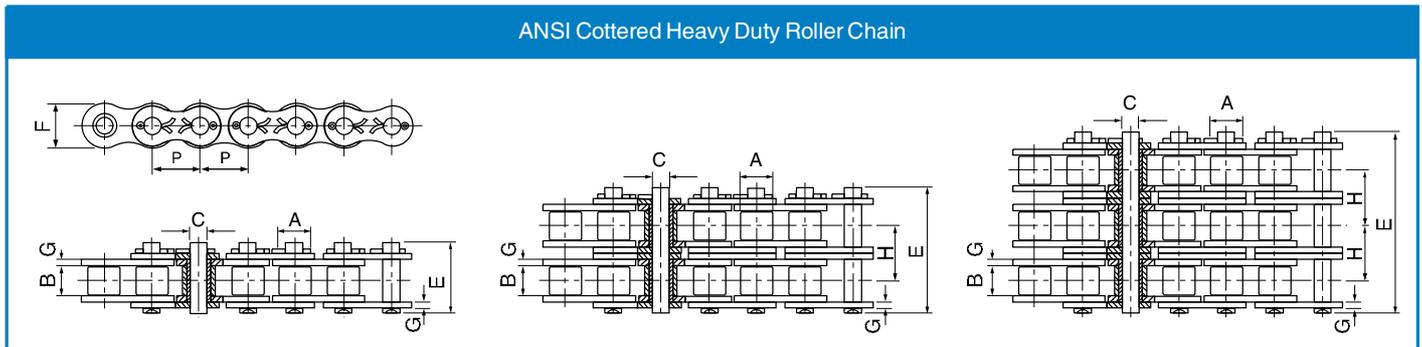


ANSI ChainNo.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate height	Plate thickness	Transverse pitch	Minimum tensile strength	Average tensile strength	Weight per meter
	P mm	A mm	B mm	C mm	E mm	F mm	G mm	H mm	kN	kN	kg/m
<b>SIMPLEX</b>											
50-1	15.875	10.16	9.40	5.08	23.00	15.09	2.03		22.20	29.40	1.02
60-1	19.050	11.91	12.57	5.94	28.30	18.00	2.42		31.80	41.50	1.50
80-1	25.400	15.88	15.75	7.92	36.50	24.00	3.25		56.70	69.40	2.60
100-1	31.750	19.05	18.90	9.53	44.70	30.00	4.00		88.50	109.20	3.91
120-1	38.100	22.23	25.22	11.10	54.30	35.70	4.80		127.00	156.30	5.62
140-1	44.450	25.40	25.22	12.70	59.00	41.00	5.60		172.40	212.00	7.50
160-1	50.800	28.58	31.55	14.27	69.60	47.80	6.40		226.80	278.90	10.10
180-1	57.150	35.71	35.48	17.46	78.60	53.60	7.20		280.20	341.80	13.45
200-1	63.500	39.68	37.85	19.85	87.20	60.00	8.00		353.80	431.60	16.15
240-1	76.200	47.63	47.35	23.81	103.00	72.39	9.50		510.30	622.50	23.20
<b>DUPLEX</b>											
50-2	15.875	10.16	9.40	5.08	41.20	15.09	2.03	18.11	44.40	58.10	2.00
60-2	19.050	11.91	12.57	5.94	51.10	18.00	2.42	22.78	63.60	82.10	2.92
80-2	25.400	15.88	15.75	7.92	65.80	24.00	3.25	29.29	113.40	141.80	5.15
100-2	31.750	19.05	18.90	9.53	80.50	30.00	4.00	35.76	177.00	219.40	7.80
120-2	38.100	22.23	25.22	11.10	99.70	35.70	4.80	45.44	254.00	314.90	11.70
140-2	44.450	25.40	25.22	12.70	107.90	41.00	5.60	48.87	344.80	427.50	15.14
160-2	50.800	28.58	31.55	14.27	128.10	47.80	6.40	58.55	453.60	562.40	20.14
180-2	57.150	35.71	35.48	17.46	144.40	53.60	7.20	65.84	560.50	695.00	29.22
200-2	63.500	39.68	37.85	19.85	158.80	60.00	8.00	71.55	707.60	877.40	32.24
240-2	76.200	47.63	47.35	23.81	190.80	72.39	9.50	87.83	1020.60	1255.30	45.23
<b>TRIPLEX</b>											
50-3	15.875	10.16	9.40	5.08	59.30	15.09	2.03	18.11	66.60	77.80	3.09
60-3	19.050	11.91	12.57	5.94	73.90	18.00	2.42	22.78	95.40	111.10	4.54
80-3	25.400	15.88	15.75	7.92	93.60	24.00	3.25	29.29	170.10	198.40	7.89
100-3	31.750	19.05	18.90	9.53	116.30	30.00	4.00	35.76	265.50	309.60	11.77
120-3	38.100	22.23	25.22	11.10	145.20	35.70	4.80	45.44	381.00	437.20	17.53
140-3	44.450	25.40	25.22	12.70	156.80	41.00	5.60	48.87	517.20	593.30	22.20
160-3	50.800	28.58	31.55	14.27	186.60	47.80	6.40	58.55	680.40	780.60	30.02
180-3	57.150	35.71	35.48	17.46	210.20	53.60	7.20	65.84	840.70	983.60	38.22
200-3	63.500	39.68	37.85	19.85	230.40	60.00	8.00	71.55	1061.40	1217.80	49.03
240-3	76.200	47.63	47.35	23.81	278.60	72.39	9.50	87.83	1530.90	1756.50	71.60

Standard boxed lengths are 5 meters  
Special lengths available.

# Roller Chain

## ANSI Cottered Heavy Duty Roller Chain

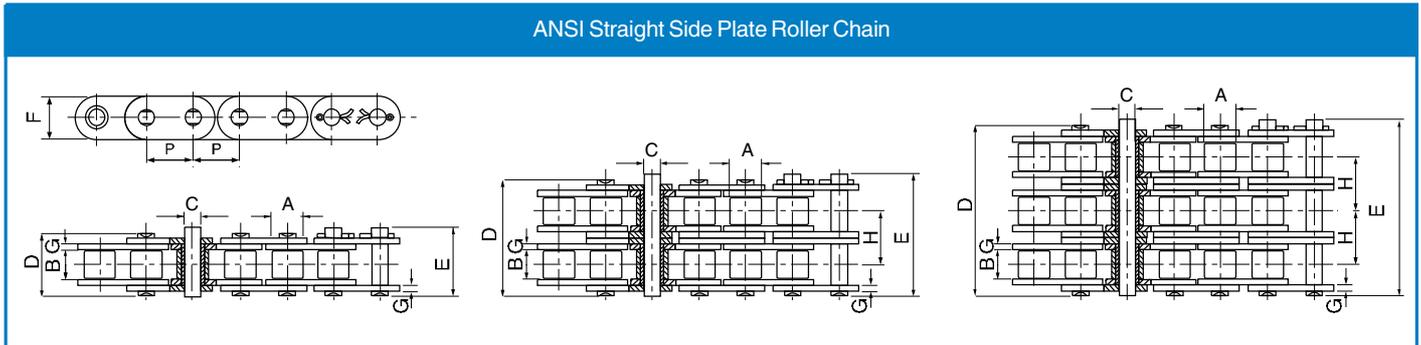


ANSI ChainNo.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate height	Plate thickness	Transverse pitch	Minimum tensile strength	Average tensile strength	Weight per meter
	P mm	A mm	B mm	C mm	E mm	F mm	G mm	H mm	kN	kN	kg/m
<b>SIMPLEX</b>											
50H-1	15.875	10.16	9.40	5.08	24.40	15.09	2.42		22.20	30.20	1.25
60H-1	19.050	11.91	12.57	5.94	31.60	18.00	3.25		31.80	42.70	1.87
80H-1	25.400	15.88	15.75	7.92	39.40	24.00	4.00		56.70	71.40	3.10
100H-1	31.750	19.05	18.90	9.53	46.90	30.00	4.80		88.50	112.40	4.52
120H-1	38.100	22.23	25.22	11.10	57.50	35.70	5.60		127.00	160.90	6.60
140H-1	44.450	25.40	25.22	12.70	62.20	41.00	6.40		172.40	217.30	8.30
160H-1	50.800	28.58	31.55	14.27	73.00	47.80	7.20		226.80	285.80	10.30
200H-1	63.500	39.68	37.85	19.85	93.50	60.00	9.50		353.80	444.50	19.16
<b>DUPLEX</b>											
60H-2	19.050	11.91	12.57	5.94	57.70	18.00	3.25	26.11	63.60	84.50	3.71
80H-2	25.400	15.88	15.75	7.92	72.00	24.00	4.00	32.59	113.40	145.30	6.15
100H-2	31.750	19.05	18.90	9.53	86.00	30.00	4.80	39.09	177.00	225.90	9.03
120H-2	38.100	22.23	25.22	11.10	106.40	35.70	5.60	48.87	254.00	322.70	13.13
140H-2	44.450	25.40	25.22	12.70	114.40	41.00	6.40	52.20	344.80	437.70	16.60
160H-2	50.800	28.58	31.55	14.27	134.90	47.80	7.20	61.90	453.60	571.60	20.20
200H-2	63.500	39.68	37.85	19.85	171.80	60.00	9.50	78.31	707.60	894.90	31.11
<b>TRIPLEX</b>											
60H-3	19.050	11.91	12.57	5.94	83.80	18.00	3.25	26.11	95.40	113.90	5.54
80H-3	25.400	15.88	15.75	7.92	104.60	24.00	4.00	32.59	170.10	203.50	9.42
100H-3	31.750	19.05	18.90	9.53	125.10	30.00	4.80	39.09	265.50	314.80	12.96
120H-3	38.100	22.23	25.22	11.10	155.20	35.70	5.60	48.87	381.00	444.70	19.64
140H-3	44.450	25.40	25.22	12.70	166.60	41.00	6.40	52.20	517.20	598.40	24.90
160H-3	50.800	28.58	31.55	14.27	196.80	47.80	7.20	61.90	680.40	787.30	30.10
200H-3	63.500	39.68	37.85	19.85	250.10	60.00	9.50	78.31	1061.40	1228.20	57.06

Standard boxed lengths are 5 meters  
Special lengths available.

# Roller Chain

## ANSI Straight Side Plate Roller Chain

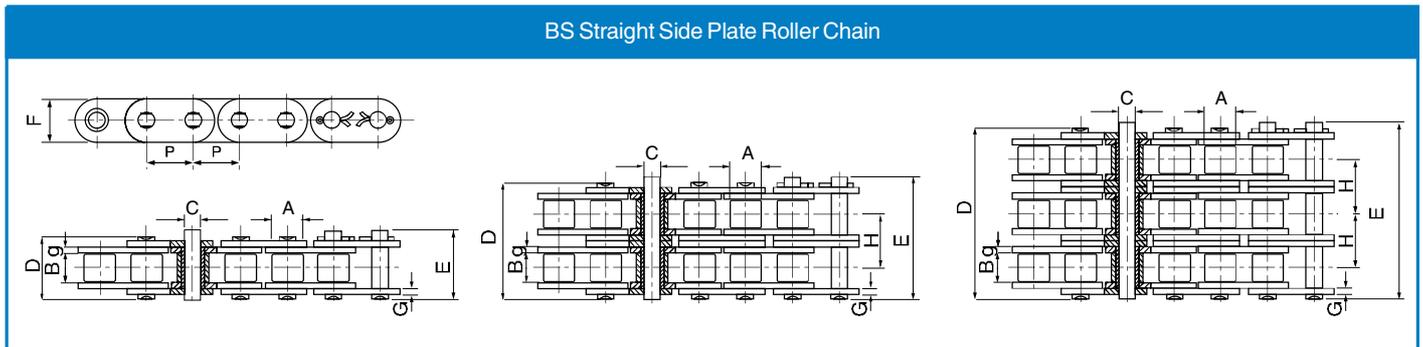


ANSI ChainNo.	Pitch	Roller diameter	Width between inner plates		Pin length		Inner plate height F mm	Plate thickness G mm	Transverse pitch H mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
	P mm	A mm	B mm	C mm	D mm	E mm						
<b>SIMPLEX</b>												
C40-1	12.700	7.95	7.85	3.96	16.60	18.80	12.00	1.50		14.10	17.50	0.73
C50-1	15.875	10.16	9.40	5.08	20.70	23.30	15.09	2.03		22.20	29.40	1.23
C60-1	19.050	11.91	12.57	5.94	25.90	28.30	18.0/18.2	2.42		31.80	41.50	1.81/1.83
C80-1	25.400	15.88	15.75	7.92	32.70	36.50	24.00	3.25		56.70	69.40	3.09
C100-1	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00		88.50	109.20	4.56
C120-1	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80		127.00	156.30	6.86
C140-1	44.450	25.40	25.22	12.70	54.40	59.00	41.00	5.60		172.40	212.00	8.49
C160-1	50.800	28.58	31.55	14.27	64.80	69.60	47.80	6.40		226.80	278.90	11.50
<b>DUPLEX</b>												
C40-2	12.700	7.95	7.85	3.96	31.00	33.20	12.00	1.50	14.38	28.20	35.90	1.43
C50-2	15.875	10.16	9.40	5.08	38.90	41.40	15.09	2.03	18.11	44.40	58.10	2.42
C60-2	19.050	11.91	12.57	5.94	48.80	51.10	18.0/18.2	2.42	22.78	63.60	82.10	3.58/3.62
C80-2	25.400	15.88	15.75	7.92	62.70	65.80	24.00	3.25	29.29	113.40	141.80	6.12
C100-2	31.750	19.05	18.90	9.53	76.40	80.50	30.00	4.00	35.76	177.00	219.40	9.08
C120-2	38.100	22.23	25.22	11.10	95.80	99.70	35.70	4.80	45.44	254.00	314.90	13.60
C140-2	44.450	25.40	25.22	12.70	103.30	107.90	41.00	5.60	48.87	344.80	427.50	16.86
C160-2	50.800	28.58	31.55	14.27	123.30	128.10	47.80	6.40	58.55	453.60	562.40	22.90
<b>TRIPLEX</b>												
C40-3	12.700	7.95	7.85	3.96	45.40	47.60	12.00	1.50	14.38	42.30	50.00	2.14
C50-3	15.875	10.16	9.40	5.08	57.00	59.50	15.09	2.03	18.11	66.60	77.80	3.62
C60-3	19.050	11.91	12.57	5.94	71.50	73.90	18.0/18.2	2.42	22.78	95.40	111.10	5.36/5.41
C80-3	25.400	15.88	15.75	7.92	91.70	95.10	24.00	3.25	29.29	170.10	198.40	9.10
C100-3	31.750	19.05	18.90	9.53	112.20	116.30	30.00	4.00	35.76	265.50	309.60	13.60
C120-3	38.100	22.23	25.22	11.10	141.40	145.20	35.70	4.80	45.44	381.00	437.20	20.43
C140-3	44.450	25.40	25.22	12.70	152.20	156.80	41.00	5.60	48.87	517.20	593.30	25.23
C160-3	50.800	28.58	31.55	14.27	181.80	186.60	47.80	6.40	58.55	680.40	780.60	34.19

Standard boxed lengths are 5 meters  
Special lengths available.

# Roller Chain

## BS Straight Side Plate Roller Chain

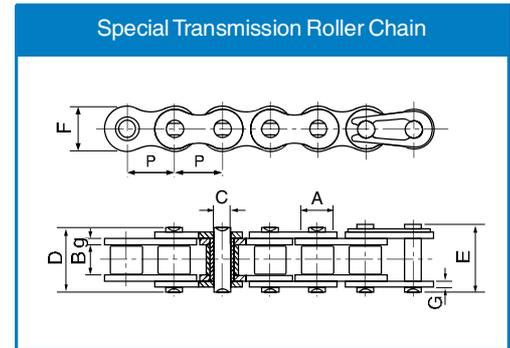


ISO ChainNo.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness g/G	Transverse pitch	Minimum tensile strength	Average tensile strength	Weight per meter
	P mm	A mm	B mm	C mm	D mm	E mm						
<b>SIMPLEX</b>												
08B-1 GL	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60		18.00	19.50	0.80
10B-1 GL	15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70		22.40	27.90	1.06
12B-1 GL	19.050	12.07	11.68	5.72	22.50	25.20	16.00	1.85		29.00	32.20	1.32
16B-1 GL	25.400	15.88	17.02	8.28	36.10	39.10	21.0/24.0	4.15/3.1		60.00	72.80	3.08/3.49
20B-1 GL	31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5		95.00	106.70	4.16
24B-1 GL	38.100	25.40	25.40	14.63	53.40	57.80	33.20	6.0/4.8		160.00	178.00	7.47
28B-1 GL	44.450	27.94	30.99	15.90	65.10	69.50	36.70	7.5/6.0		200.00	222.00	9.90
32B-1 GL	50.800	29.21	30.99	17.81	66.00	71.00	42.00	7.0/6.0		250.00	277.50	10.45
<b>DUPLEX</b>												
08B-2 GL	12.700	8.51	7.75	4.45	31.20	32.20	11.80	1.60	13.92	32.00	38.70	1.45
10B-2 GL	15.875	10.16	9.65	5.08	36.10	37.50	14.70	1.70	16.59	44.50	57.80	2.00
12B-2 GL	19.050	12.07	11.68	5.72	42.00	44.70	16.00	1.85	19.46	57.80	66.10	2.62
16B-2 GL	25.400	15.88	17.02	8.28	68.00	71.00	21.0/24.0	4.15/3.1	31.88	106.00	133.00	6.10/6.92
20B-2 GL	31.750	19.05	19.56	10.19	77.80	81.50	26.40	4.5/3.5	36.45	170.00	211.20	8.23
24B-2 GL	38.100	25.40	25.40	14.63	101.70	106.20	33.20	6.0/4.8	48.36	280.00	319.20	14.77
28B-2 GL	44.450	27.94	30.99	15.90	124.60	129.10	36.70	7.5/6.0	59.56	360.00	406.80	19.82
32B-2 GL	50.800	29.21	30.99	17.81	124.60	129.60	42.00	7.0/6.0	58.55	450.00	508.50	20.94
<b>TRIPLEX</b>												
08B-3 GL	12.700	8.51	7.75	4.45	45.10	46.10	11.80	1.60	13.92	47.50	57.80	2.10
10B-3 GL	15.875	10.16	9.65	5.08	52.70	54.10	14.70	1.70	16.59	66.70	84.50	2.87
12B-3 GL	19.050	12.07	11.68	5.72	61.50	64.20	16.00	1.85	19.46	86.70	101.80	3.89
16B-3 GL	25.400	15.88	17.02	8.28	99.80	102.90	21.0/24.0	4.15/3.1	31.88	160.00	203.70	9.12/10.34
20B-3 GL	31.750	19.05	19.56	10.19	114.20	117.90	26.40	4.5/3.5	36.45	250.00	290.00	11.34
24B-3 GL	38.100	25.40	25.40	14.63	150.10	154.60	33.20	6.0/4.8	48.36	425.00	493.00	22.10
28B-3 GL	44.450	27.94	30.99	15.90	184.20	188.70	36.70	7.5/6.0	59.56	530.00	609.50	29.64
32B-3 GL	50.800	29.21	30.99	17.81	183.20	188.20	42.00	7.0/6.0	58.55	670.00	770.50	31.27

Standard boxed lengths are 5 meters  
Special lengths available.

# Roller Chain

## Special Transmission Roller Chain

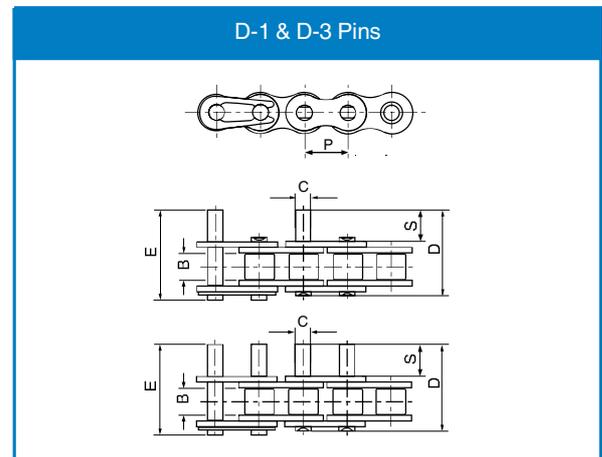


ISO ChainNo.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height F mm	Plate thickness g/G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
	P mm	A mm	B mm	C mm	D mm	E mm					
04BH	6.00	4.00	2.80	1.85	8.40	9.40	5.00	0.90	5.00	5.30	0.14
415	12.70	7.77	4.76	3.60	11.00	12.40	9.70	1.00	6.86	7.60	0.32
415H	12.70	7.77	4.76	3.96	13.10	14.50	12.00	1.50	14.40	16.10	0.55
415B	12.70	7.75	4.88	4.09	12.90	14.40	10.30	1.30	12.00	14.20	0.44
415BF1	12.70	7.75	4.88	4.09	11.50	13.00	10.30	1.00	9.00	10.60	0.38
423	12.70	8.51	6.40	4.45	15.60	17.10	12.40	1.70	19.60	21.90	0.71
478	12.70	7.80	4.80	4.00	11.60	13.65	10.46	1.25	9.80	12.80	0.39
08BF	12.70	8.51	5.55	4.45	14.60	16.10	11.80	1.60	17.80	19.20	0.66
12BV	19.05	12.07	11.68	6.10	24.50	26.50	16.00	2.42	36.00	39.90	1.43
12BH	19.05	12.07	11.68	5.94	25.20	26.80	16.00	2.42	40.00	44.40	1.45
12BHF1	19.05	12.07	11.68	6.10	25.00	27.20	16.50	2.50	44.00	48.80	1.46
16BF1	25.40	15.88	12.20	8.28	31.40	32.70	21.00	4.15/3.1	60.00	71.40	2.60
16BF2	25.40	15.88	17.02	8.28	38.60	39.80	21.00	4.15	60.00	71.40	3.08
16BF5	25.40	15.88	12.70	8.28	30.80	32.10	20.00	3.5/3.0	50.00	57.50	2.37
16BH	25.40	15.88	17.02	8.90	35.70	38.90	24.10	4.0/3.1	80.00	94.20	3.11
24BH	38.10	25.40	25.40	14.63	58.60	63.40	36.20	7.5/6.0	225.00	250.30	9.00

Standard boxed lengths are 5 meters  
Special lengths available.

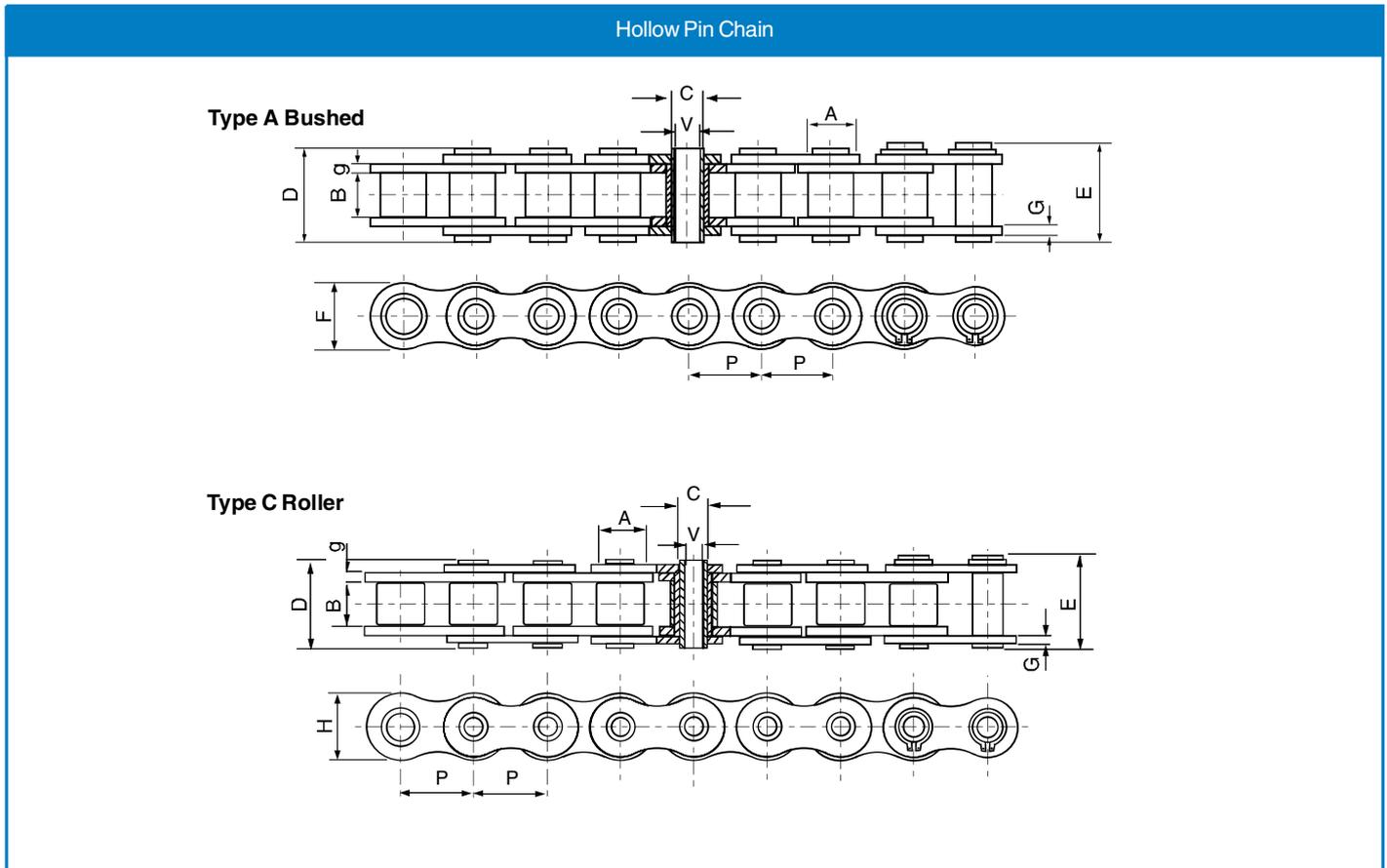
## Extended Pin Chain

ISO Chain No.	ANSI Chain No.	P mm	B mm	ØC mm	S mm	D mm	E mm
	35	9.525	4.77	3.58	9.50	20.80	21.60
	40	12.700	7.85	3.96	9.50	25.10	26.20
	50	15.875	9.40	5.08	11.90	31.30	33.10
	60	19.050	12.57	5.94	14.30	38.60	40.60
	80	25.400	15.75	7.92	19.10	50.30	53.30
	100	31.750	18.90	9.53	23.80	61.80	66.10
	120	38.100	25.22	11.10	28.60	76.40	80.40
	140	44.450	25.22	12.70	33.30	84.80	89.40
	160	50.800	31.55	14.27	38.10	99.60	104.40
08B		12.700	7.75	4.45	9.50	25.10	26.60
10B		15.875	9.65	5.08	11.90	30.10	31.50
12B		19.050	11.68	5.72	14.30	35.40	37.10
16B		25.400	17.02	8.28	19.10	53.00	54.30



# Roller Chain

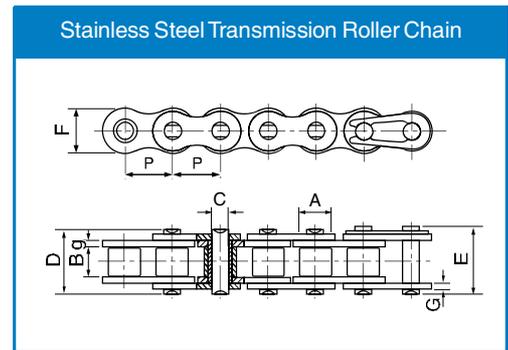
## Hollow Pin Chain



Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height	Plate thickness g/G	Minimum tensile strength	Average tensile strength	Weight per meter	Type form
	P			A	B	C	V						
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m	
08BHP	12.700	8.51	7.75	6.55	4.50	16.4	17.6	11.80	1.6/1.3	11.10	12.1	0.56	A
10BHB	15.875	10.16	9.65	5.94	4.04	19.3	20.6	14.70	1.70	17.00	20.8	0.86	C
12BHP	19.050	12.07	11.68	6.50	4.00	21.6	22.8	15.90	1.85	23.60	25.9	1.09	C
HP35	35.000	20.00	16.00	13.35	10.20	30.4	31.6	26.30	2.50	23.52	26.4	2.02	C
40HP	12.700	7.95	7.85	5.63	4.00	16.5	17.6	12.00	1.50	11.00	12.2	0.54	A
50HP	15.875	10.16	9.40	7.03	5.13	20.7	21.9	15.09	2.03	20.00	22.6	0.91	A
60HP	19.050	11.91	12.70	8.31	6.00	25.8	26.8	18.00	2.42	24.00	26.9	1.29	A
60HPF1	19.050	11.91	12.70	8.31	5.01	25.5	26.8	18.00	2.42	28.00	30.9	1.37	A
60HB	19.050	11.91	12.70	7.00	5.01	25.5	26.6	18.00	2.42	20.00	22.4	1.35	C
80HP	25.400	15.88	15.75	11.40	8.05	32.5	33.8	24.00	3.25	50.00	58.3	2.26	A

# Roller Chain

## Stainless Steel Transmission Roller Chain

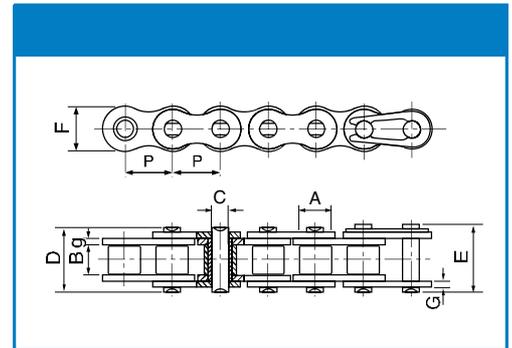


ISO Chain No.	ANSI Chain No.	Pitch		Width between inner plates		Pin length		Inner plate height F mm	Plate thickness g/G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
		P mm	A mm	B mm	C mm	D mm	E mm					
	*35SS	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	5.50	6.60	0.33
	40SS	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	9.60	10.80	0.63
	50SS	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	15.20	17.20	1.03
	60SS	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	21.70	26.40	1.51
	80SS	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	38.90	46.60	2.62
	100SS	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	60.00	70.20	3.94
04BSS		6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	2.00	2.40	0.11
05BSS		8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	3.50	4.10	0.20
#06BSS		9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30	6.20	6.80	0.41
08BSS		12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	12.00	14.30	0.70
10BSS		15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	14.50	17.20	0.94
12BSS		19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85	18.50	20.90	1.16
16BSS		25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1	40.00	47.60	2.73
20BSS		31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	59.00	69.60	3.73

\* Bush chain: **A** in the table indicates the external diameter of the bush  
 # Straight side plate chain

Standard boxed lengths are 5 meters  
 Special lengths available.

# Roller Chain



## Nickle Plated Transmission Roller Chain

ISO Chain No.	ANSI Chain No.	Pitch	Roller diameter		Width between inner plates		Pin diameter		Pin length		Inner plate height F mm	Plate thickness g/G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
		P mm	A mm	B mm	C mm	D mm	E mm								
	*25NP	6.350	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.50	4.60	0.15			
	*35NP	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90	10.80	0.33			
	41NP	12.700	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.67	12.60	0.41			
	40NP	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10	17.50	0.62			
	50NP	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20	29.40	1.02			
	60NP	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80	41.50	1.50			
	80NP	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70	69.40	2.60			
	100NP	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50	109.20	3.91			
04BNP		6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	3.00	3.20	0.11			
05BNP		8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	5.00	5.90	0.20			
#06BNP		9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30	9.00	10.40	0.41			
08BNP		12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00	19.40	0.69			
10BNP		15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40	27.50	0.93			
12BNP		19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85	29.00	32.20	1.15			
16BNP		25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1	60.00	72.80	2.71			
20BNP		31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	95.00	106.70	3.70			

## Zinc Plated Transmission Roller Chain

ISO Chain No.	ANSI Chain No.	Pitch	Roller diameter		Width between inner plates		Pin diameter		Pin length		Inner plate height F mm	Plate thickness g/G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
		P mm	A mm	B mm	C mm	D mm	E mm								
	*25ZP	6.350	3.30	3.18	2.31	7.90	8.40	6.00	0.80	3.50	4.60	0.14			
	*35ZP	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	7.90	10.80	0.33			
	41ZP	12.700	7.77	6.25	3.58	13.75	15.00	9.91	1.30	6.67	12.60	0.41			
	40ZP	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10	17.50	0.62			
	50ZP	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.03	22.20	29.40	1.02			
	60ZP	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80	41.50	1.50			
	80ZP	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	56.70	69.40	2.60			
	100ZP	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50	109.20	3.91			
04BZP		6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	3.00	3.20	0.11			
05BZP		8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	5.00	5.90	0.20			
#06BZP		9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30	9.00	10.40	0.41			
08BZP		12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00	19.40	0.69			
10BZP		15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40	27.50	0.93			
12BZP		19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85	29.00	32.20	1.15			
16BZP		25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1	60.00	72.80	2.71			
20BZP		31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	95.00	106.70	3.70			

\* Bush chain: **A** in the table indicates the external diameter of the bush  
 # Straight side plate chain

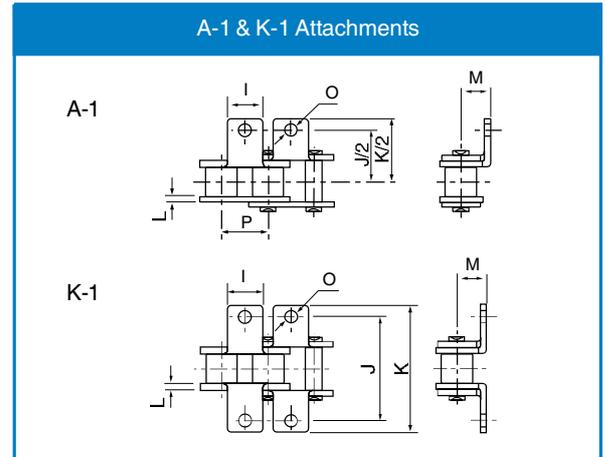
Standard boxed lengths are 5 meters  
 Special lengths available.

# Roller Chain Attachments

## A-1 & K-1 Attachments

ISO Chain No.	ANSI Chain No.	P mm	I mm	J mm	K mm	L mm	M mm	ØO mm
	40	12.700	9.50	25.40	35.20	1.50	7.90	3.40
	50	15.875	12.70	31.75	46.20	2.03	10.30	5.50
	60	19.050	15.90	38.10	55.60	2.42	11.90	5.50
	80	25.400	19.10	50.80	64.80	3.25	15.90	6.80
	100	31.750	25.40	63.50	87.30	4.00	19.80	9.20
	120	38.100	28.60	76.20	108.50	4.80	23.00	9.80
	140	44.450	34.90	88.90	123.00	5.60	28.60	11.40
	160	50.800	38.10	101.60	142.80	6.40	31.80	13.10
	*06B	9.525	8.00	19.04	27.00	1.30	6.50	3.50
	08B	12.700	9.50	25.40	36.40	1.60	8.90	4.50
	10B	15.875	14.30	31.75	44.60	1.70	10.31	5.30
	12B	19.050	16.00	38.10	52.40	1.85	13.46	6.40
	16B	25.400	19.10	50.80	72.60	3.10	15.88	6.40

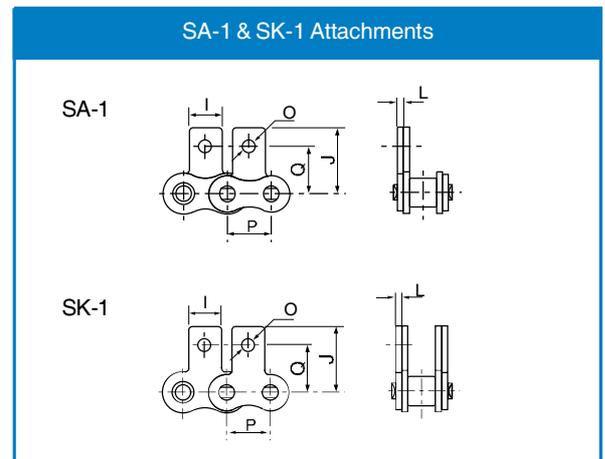
\* Straight side plates



## SA-1 & SK-1 Attachments

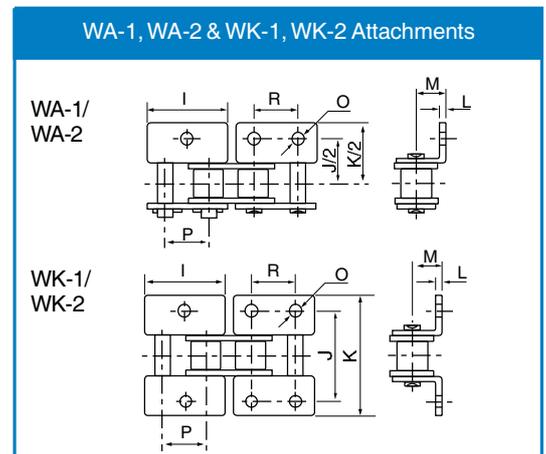
ISO Chain No.	ANSI Chain No.	P mm	I mm	Q mm	J mm	L mm	ØO mm
	40	12.700	9.50	12.70	19.05	1.50	3.40
	50	15.875	12.70	15.90	25.25	2.03	5.50
	60	19.050	15.90	18.30	29.33	2.42	5.50
	80	25.400	19.10	24.60	34.70	3.25	6.80
	100	31.750	25.40	31.80	43.30	4.00	9.20
	120	38.100	28.60	36.50	51.60	4.80	9.80
	140	44.450	34.90	44.50	62.00	5.60	11.40
	160	50.800	38.10	50.80	69.85	6.40	13.10
	*06B	9.525	8.00	9.52	13.50	1.30	3.50
	08B	12.700	9.50	13.35	18.90	1.60	4.30
	10B	15.875	14.30	16.50	22.95	1.70	5.30
	12B	19.050	16.00	21.45	28.60	1.85	6.40
	16B	25.400	19.10	23.15	34.00	3.10	6.40

\* Straight side plates



## WA-1, WA-2 & WK-1, WK-2 Attachments

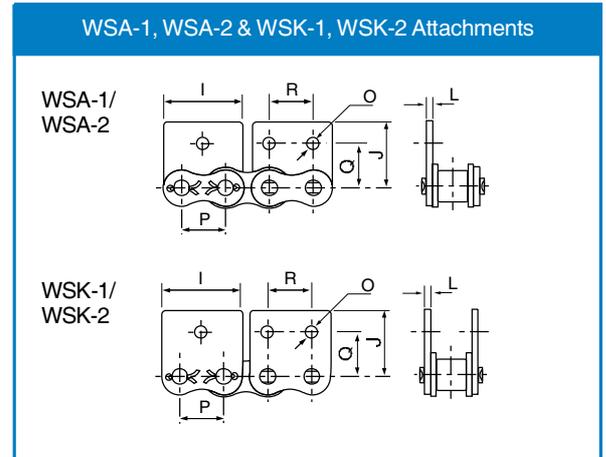
ISO Chain No.	ANSI Chain No.	P mm	I mm	R mm	J mm	K mm	L mm	M mm	ØO mm
	40	12.700	23.00	12.70	25.40	35.60	1.50	7.90	3.40
	50	15.875	28.80	15.88	31.80	46.80	2.03	10.30	5.50
	60	19.050	34.65	19.05	38.10	56.40	2.42	11.90	5.50
	80	25.400	45.90	25.40	50.80	73.20	3.25	15.90	6.80
	100	31.750	57.65	31.75	63.50	89.80	4.00	19.80	9.20
	08B	12.700	24.00	12.70	25.40	36.40	1.60	8.90	4.30
	10B	15.875	29.58	15.88	31.80	44.60	1.70	10.31	5.30
	12B	19.050	34.05	19.05	38.10	52.40	1.85	13.46	6.40
	16B	25.400	46.40	25.40	50.80	72.60	3.10	15.88	6.40



# Roller Chain Attachments

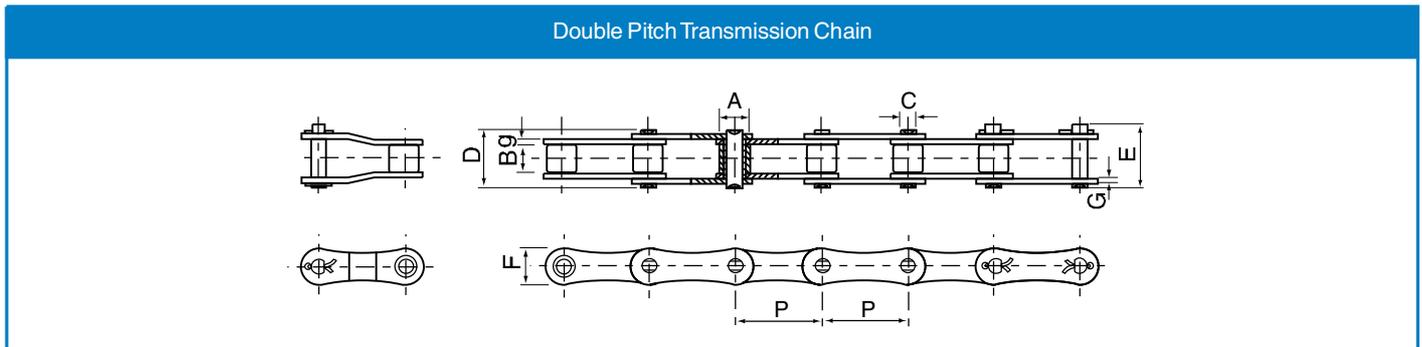
## WSA-1, WSA-2 & WSK-1, WSK-2 Attachments

ISO Chain No.	ANSI Chain No.	P mm	I mm	R mm	Q mm	J mm	L mm	ØO mm
	40	12.700	23.00	12.70	12.70	17.40	1.50	3.40
	50	15.875	28.80	15.88	15.90	23.05	2.03	5.50
	60	19.050	34.65	19.05	18.30	26.86	2.42	5.50
	80	25.400	45.90	25.40	24.60	35.45	3.25	6.80
	100	31.750	57.65	31.75	31.80	44.00	4.00	9.20
08B		12.700	23.30	12.70	13.35	18.90	1.60	4.30
10B		15.875	29.58	15.88	16.50	22.95	1.70	5.30
12B		19.050	34.05	19.05	21.45	28.60	1.85	6.40
16B		25.400	46.40	25.40	23.15	34.00	3.10	6.40



# Double Pitch Chain

## Double Pitch Transmission Chain

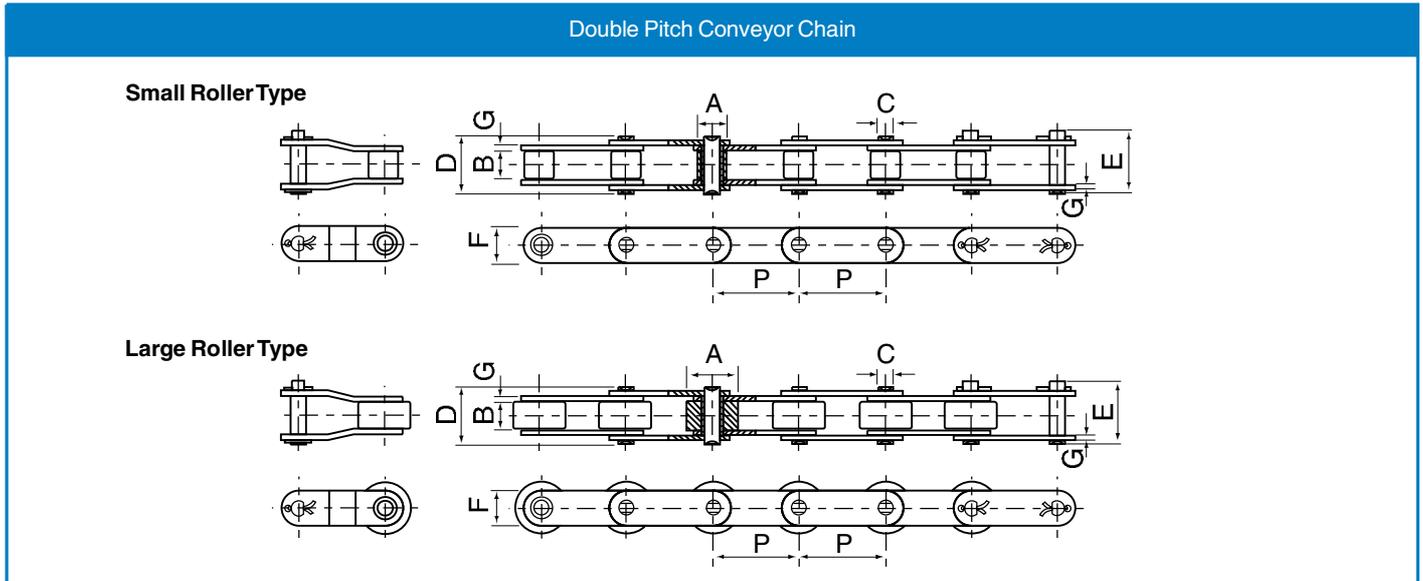


ISO ChainNo.	ANSI ChainNo.	Pitch	Roller diameter	Width between inner plates		Pin diameter		Pin length		Inner plate height F mm	Plate thickness g/G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
		P mm	A mm	B mm	C mm	D mm	E mm							
208B	A2040	25.40	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10	16.70	0.42		
		25.40	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00	19.40	0.45		
210B	A2050	31.75	10.16	9.40	5.08	20.70	22.20	15.00	2.03	22.20	28.10	0.73		
		31.75	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40	27.50	0.65		
212B	A2060	38.10	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80	36.80	1.02		
		38.10	12.07	11.68	5.72	22.50	25.20	16.00	1.85	29.00	32.20	0.76		
216AH	A2080	50.80	15.88	15.75	7.92	32.70	36.50	24.00	3.25	56.70	65.70	1.70		
		50.80	15.88	15.75	7.92	36.20	39.40	24.00	4.00	56.70	70.00	2.17		
216B	A2100	50.80	15.88	17.02	8.28	36.10	39.10	21.00	4.15/3.1	60.00	72.80	1.75		
		63.50	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50	102.60	2.55		
220B	A2120	63.50	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	95.00	106.70	2.62		
		76.20	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00	147.30	4.06		
224B		76.20	25.40	25.40	14.63	53.40	57.80	33.20	6.0/4.8	160.00	178.00	4.70		
228B		88.90	27.94	30.99	15.90	65.10	69.50	36.70	7.5/6.0	200.00	222.00	6.23		
232B		101.60	29.21	30.99	17.81	66.00	71.00	42.00	7.0/6.0	250.00	277.50	6.72		

Standard boxed lengths are 5 meters  
Special lengths available.

# Double Pitch Chain

## Double Pitch Conveyor Chain



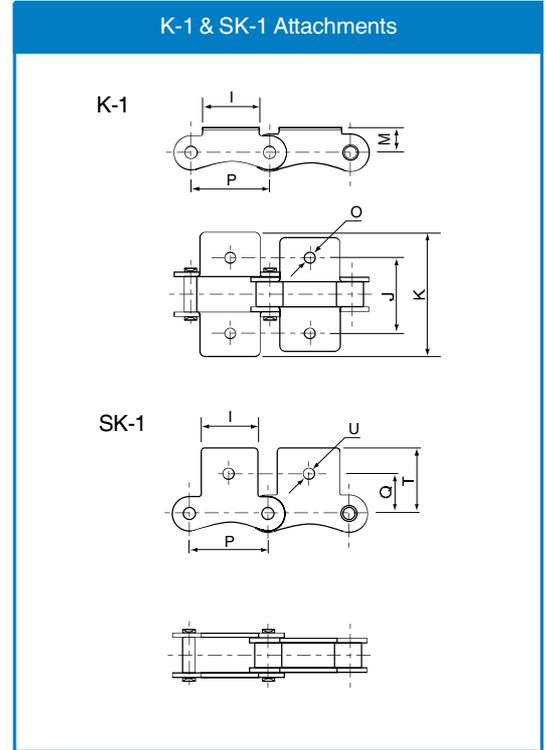
ISO ChainNo.	ANSI ChainNo.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate height	Plate thickness	Minimum tensile strength	Average tensile strength	Weight per meter
		P mm	A mm			B mm	C mm					
	C2040	25.40	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10	16.70	0.50
	C2042		15.88									
C208B C208BL	C2040H	25.40	7.95	7.85	3.96	18.80	19.90	12.00	2.03	14.10	17.20	0.65
			8.51									
	C2050	31.75	10.16	9.40	5.08	20.70	22.20	15.00	2.03	22.20	28.10	0.78
	C2052		19.05									
	C2060	38.10	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80	36.80	1.12
	C2062		22.23									
	C2060H	38.10	11.91	12.57	5.94	29.20	31.60	18.00	3.25	31.80	41.60	1.44
	C2062H		22.23									
	C2080	50.80	15.88	15.75	7.92	32.70	36.50	24.00	3.25	56.70	65.70	2.08
	C2082		28.58									
	C2080H	50.80	15.88	15.75	7.92	36.20	39.40	24.40	4.00	56.70	70.00	2.54
	C2082H		28.58									
	C2100	63.50	19.05	18.90	9.53	40.40	44.70	30.00	4.00	88.50	102.60	3.01
	C2102		39.67									
	C2100H	63.50	19.05	18.90	9.53	43.60	46.90	30.00	4.80	88.50	112.40	3.56
	C2102H		39.67									
	C2120	76.20	22.23	25.22	11.10	50.30	54.30	35.70	4.80	127.00	147.30	4.66
	C2122		44.45									
	C2120H	76.20	22.23	25.22	11.10	53.50	57.50	35.70	5.60	127.00	160.90	5.26
	C2122H		44.45									
	C2160	101.60	28.58	31.75	14.27	64.80	69.60	47.80	6.40	226.80	278.90	8.23
	C2162		57.15									
	C2160H	101.60	28.58	31.75	14.27	68.20	73.00	47.80	7.20	226.80	285.80	9.06
	C2162H		57.15									

Standard boxed lengths are 5 meters  
Special lengths available.

# Double Pitch Attachments

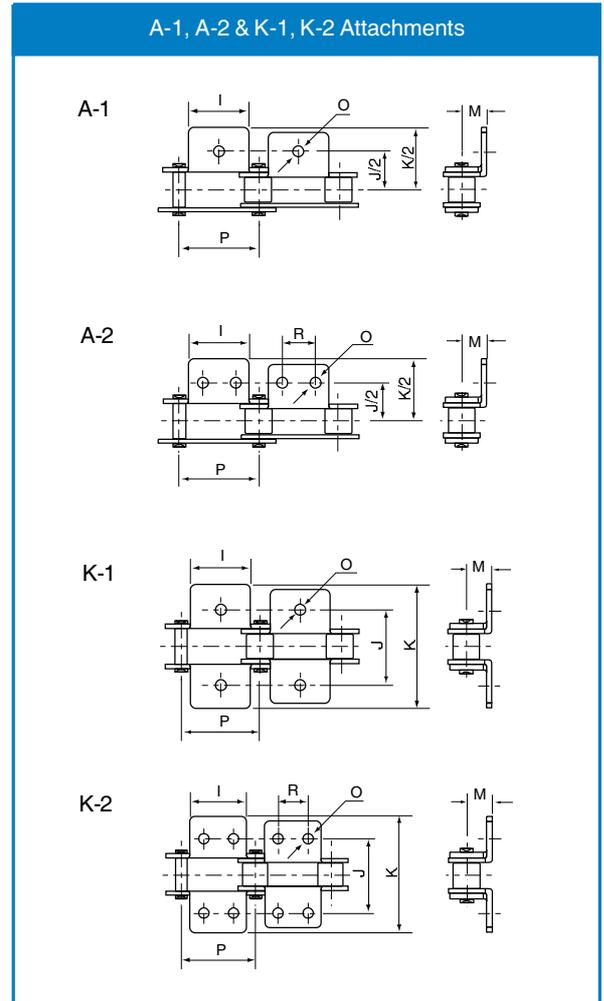
## K-1 & SK-1 Attachments

ANSI Chain No.	P mm	I mm	J mm	K mm	M mm	ØO mm	Q mm	T mm	ØU mm
A2040	25.40	19.1	25.4	39.6	9.1	3.4	11.1	20.5	5.5
A2050	31.75	23.8	31.8	49.0	11.1	5.5	14.3	25.0	6.6
A2060	38.10	28.6	42.9	67.8	14.7	5.5	17.5	32.9	9.2
A2080	50.80	38.1	55.6	87.8	19.1	6.8	22.2	43.5	11.0
A2100	63.50	47.6	66.6	107.5	23.4	9.2	28.6	50.4	13.0
A2120	76.20	57.2	79.3	127.5	27.8	11.0			



## A-1, A-2 & K-1, K-2 Attachments

ISO Chain No.	ANSI Chain No.	P mm	I mm	R mm	J mm	K mm	M mm	ØO mm
C208B C208BL	C2040 C2042	25.40	19.10	9.50	25.40	39.60	9.10	3.40
		25.40	23.20	12.70	25.40	39.60	9.10	4.50
	C2050 C2052	31.75	23.80	11.90	31.80	49.00	11.10	5.50
	C2060 C2062	38.10	28.60	14.30	42.90	67.80	14.70	5.50
	C2060H C2062H	38.10	28.60	14.30	42.90	67.80	14.70	5.50
	C2080 C2082	50.80	38.10	19.10	55.60	87.80	19.10	6.80
	C2080H C2082H	50.80	38.10	19.10	55.60	87.80	19.10	6.80
	C2100 C2102	63.50	47.60	23.80	66.60	107.50	23.40	9.20
	C2100H C2102H	63.50	47.60	23.80	66.60	107.50	23.40	9.20
	C2120 C2122	76.20	57.20	28.60	79.30	121.40	27.80	11.00
	C2120H C2122H	76.20	57.20	28.60	79.30	121.40	27.80	11.00
	C2160 C2162	101.60	76.20	38.10	104.70	151.60	36.50	13.10
	C2160H C2162H	101.60	76.20	38.10	104.70	151.60	36.50	13.10

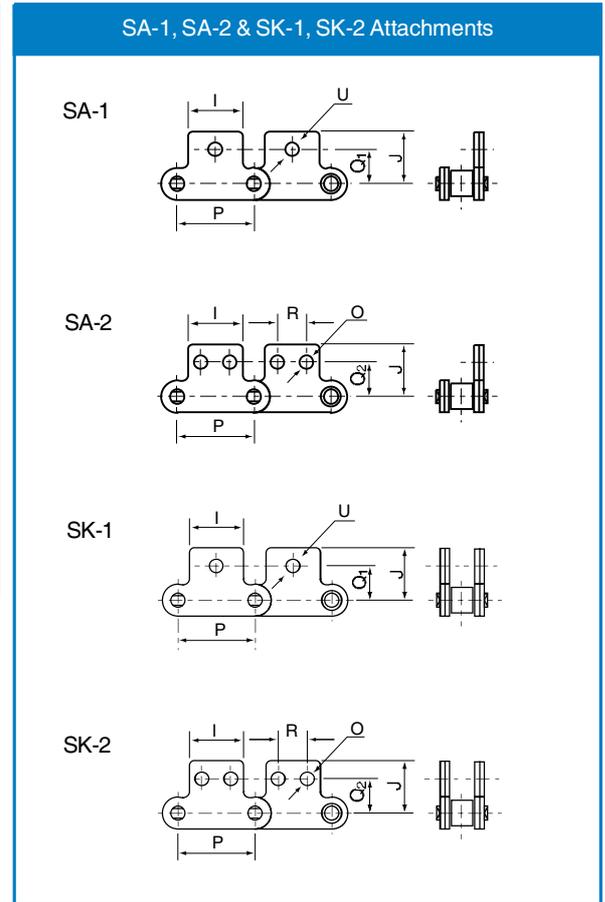


Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused. All dimensions in millimetres unless otherwise stated.

# Double Pitch Attachments

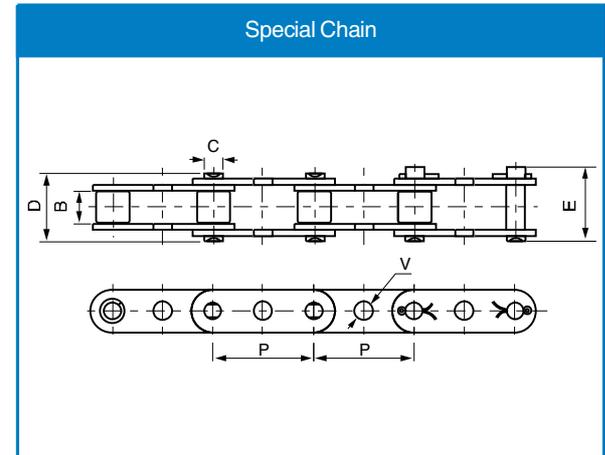
## SA-1, SA-2 & SK-1, SK-2 Attachments

ISO Chain No.	ANSI Chain No.	P mm	I mm	R mm	Q <sub>1</sub> mm	Q <sub>2</sub> mm	J mm	ØO mm	ØU mm
	C2040 C2042	25.40	19.10	9.50	11.10	13.50	20.50	3.40	5.50
C208B C208BL		25.40	23.20	12.70	11.10	13.50	20.50	4.50	5.50
	C2050 C2052	31.75	23.80	11.90	14.30	15.90	25.00	5.50	6.60
	C2060 C2062	38.10	28.60	14.30	17.50	19.10	32.90	5.50	9.20
	C2060H C2062H	38.10	28.60	14.30	17.50	19.10	32.90	5.50	9.20
	C2080 C2082	50.80	38.10	19.10	22.20	25.40	43.50	6.60	11.00
	C2080H C2082H	50.80	38.10	19.10	22.20	25.40	43.50	6.60	11.00
	C2100 C2102	63.50	47.60	23.80	28.60	31.80	50.40	8.40	13.00
	C2100H C2102H	63.50	47.60	23.80	28.60	31.80	50.40	8.40	13.00



## Special Chain (Attachment Holes in Side Plate)

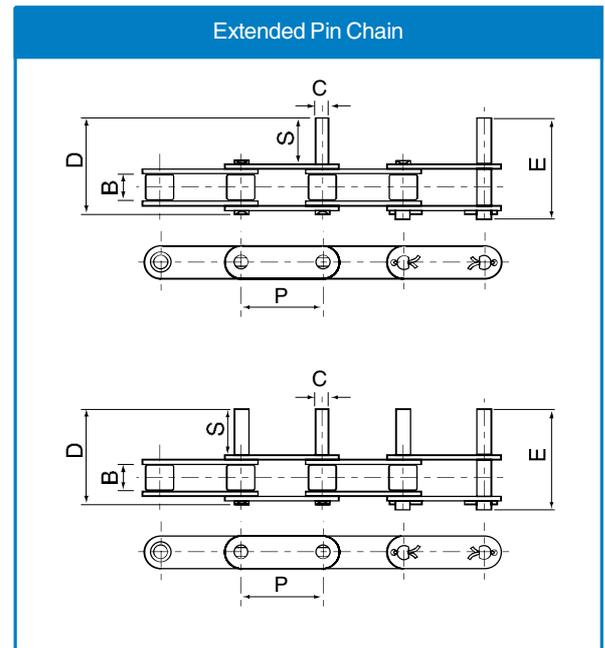
ANSI Chain No.	P mm	B mm	ØC mm	ØV mm	D mm	E mm
C2040 C2042	25.40	7.85	3.96	4.10	16.60	18.80
C2050 C2052	31.75	9.40	5.08	5.10	20.70	23.30
C2060 C2062	38.10	12.57	5.94	6.10	25.90	28.30
C2060H C2062H	38.10	12.57	5.94	6.10	29.20	31.60
C2080 C2082	50.80	15.75	7.92	8.10	32.70	36.50
C2080H C2082H	50.80	15.75	7.92	8.10	36.20	39.40
C2100 C2102	63.50	18.90	9.53	10.10	40.40	44.70
C2100H C2102H	63.50	18.90	9.53	10.10	43.60	46.90



# Double Pitch Chain

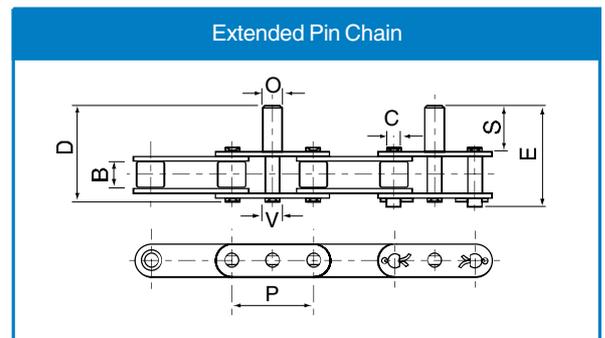
## Extended Pin Chain

ANSI Chain No.	P mm	B mm	C mm	ØC mm	S mm	D mm	E mm
C2040 C2042	25.40	7.85	3.96	9.50	25.10	26.20	
C2050 C2052	31.75	9.40	5.08	11.90	31.30	33.10	
C2060 C2062	38.10	12.57	5.94	14.30	38.60	40.60	
C2060H C2062H	38.10	12.57	5.94	14.30	42.00	43.80	
C2080 C2082	50.80	15.75	7.92	19.10	50.30	53.30	
C2080H C2082H	50.80	15.75	7.92	19.10	53.50	55.00	
C2100 C2102	63.50	18.90	9.53	23.80	61.80	66.10	
C2100H C2102H	63.50	18.90	9.53	23.80	65.00	68.30	
C2120H C2122H	76.20	25.22	11.10	28.60	79.60	83.60	
C2160H C2162H	101.60	31.75	14.27	38.10	103.00	107.80	



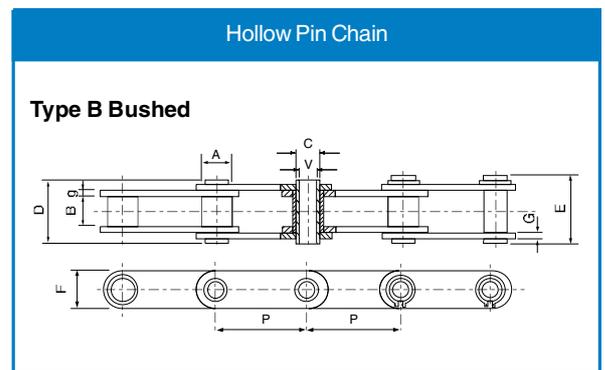
## Extended Pin Chain

Chain No.	P mm	B mm	C mm	ØV mm	ØO mm	S mm	D mm
C2060H	38.10	12.57	5.94	5.94	8.00	25.00	53.00
C2060H	38.10	12.57	5.94	8.08	10.00	35.00	63.00
C2060H	38.10	12.57	5.94	5.94	12.70	41.20	69.20
C2060H	38.10	12.57	5.94	5.94	14.28	41.20	69.20



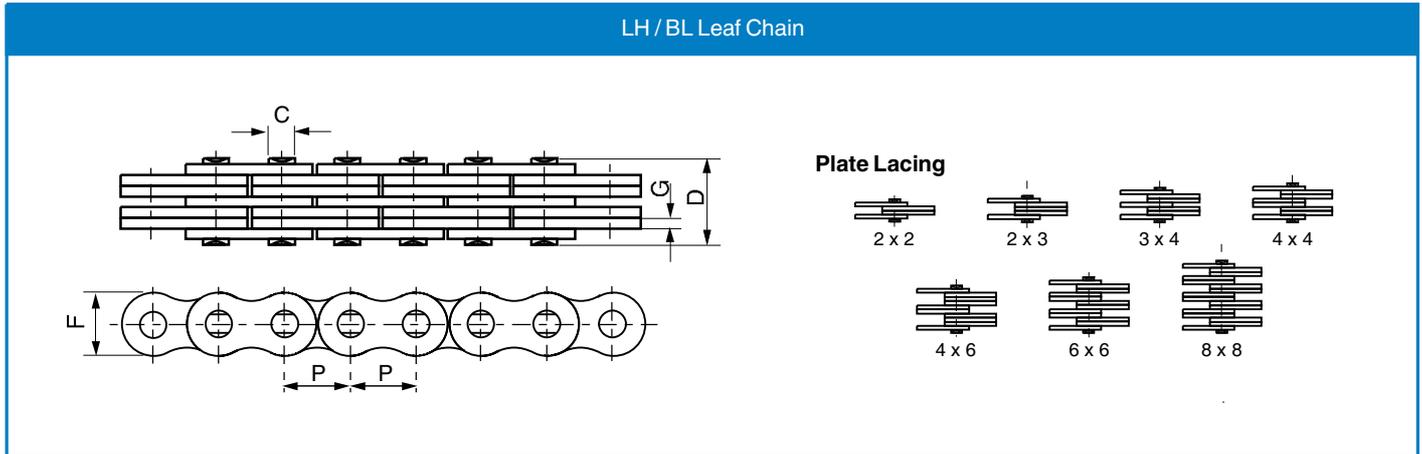
## Hollow Pin Chain

Chain No.	Pitch	Roller diameter	Width between inner plates	Pin diameter		Pin length		Inner plate height F mm	Plate thickness g/G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m	Type form
	P mm	A mm	B mm	C mm	V mm	D mm	E mm						
C2040HP	25.400	7.95	7.85	5.63	4.00	16.5	17.6	12.00	1.50	11.00	12.6	0.46	B
C2050HP	31.750	10.16	9.40	7.22	5.12	20.5	21.8	15.00	2.03	20.40	22.8	0.76	B
C2060HP	38.100	11.91	12.70	8.31	6.00	25.8	26.8	17.00	2.42	24.00	27.1	1.02	B
C2080HP	50.800	15.88	15.75	11.40	8.05	32.5	33.8	24.00	3.25	50.00	55.2	1.81	B



# Leaf Chain

## LH / BL Series Leaf Chain

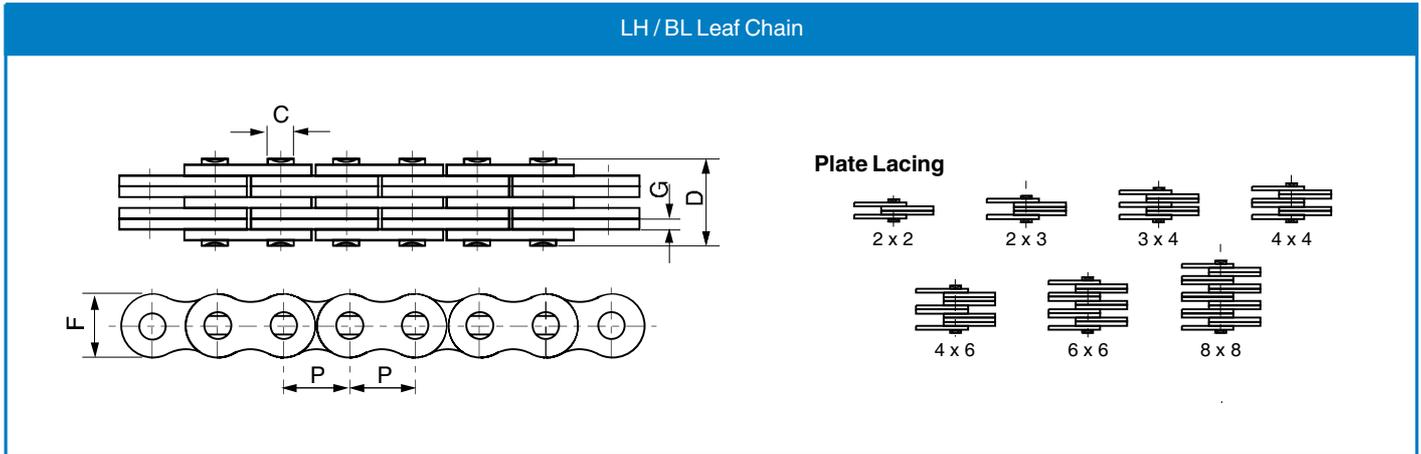


ISO Chain No.	ANSI Chain No.	Pitch P mm	Chain lacing	Plate height F mm	Plate thickness G mm	Pin diameter C mm	Pin length D mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
LH0822	BL422	12.700	2x2	12.07	2.08	5.09	11.05	22.20	27.60	0.64
LH0823	BL423		2x3				13.16	22.20	27.60	0.80
LH0834	BL434		3x4				17.40	33.40	41.40	1.12
LH0844	BL444		4x4				19.51	44.50	56.00	1.28
LH0846	BL446		4x6				23.75	44.50	56.00	1.60
LH0866	BL466		6x6				27.99	66.70	81.70	1.92
LH0888	BL488		8x8				36.45	89.00	109.40	2.56
LH1022	BL522		15.875				2x2	15.09	2.44	5.96
LH1023	BL523	2x3		15.37	33.40	43.10	1.10			
LH1034	BL534	3x4		20.32	48.90	65.60	1.50			
LH1044	BL544	4x4		22.78	66.70	84.50	1.80			
LH1046	BL546	4x6		27.74	66.70	84.50	2.20			
LH1066	BL566	6x6		32.69	100.10	125.10	2.65			
LH1088	BL588	8x8		42.57	133.40	169.50	3.50			
LH1222	BL622	19.050		2x2	18.11	3.30	7.94			
LH1223	BL623		2x3	20.73				48.90	63.60	1.80
LH1234	BL634		3x4	27.43				75.60	102.80	2.50
LH1244	BL644		4x4	30.78				97.90	120.90	2.90
LH1246	BL646		4x6	37.49				97.90	120.90	3.60
LH1266	BL666		6x6	44.20				146.80	190.80	4.30
LH1288	BL688		8x8	57.61				195.70	238.80	5.80
LH1622	BL822		25.400	2x2				24.13	4.09	9.54
LH1623	BL823	2x3		25.48	84.50	108.20	2.70			
LH1634	BL834	3x4		33.76	129.00	170.00	3.80			
LH1644	BL844	4x4		37.90	169.00	214.60	4.30			
LH1646	BL846	4x6		46.18	169.00	214.60	5.40			
LH1666	BL866	6x6		54.46	253.60	324.50	6.50			
LH1688	BL888	8x8		71.02	338.10	432.70	8.60			

All dimensions in millimetres unless otherwise stated. Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused

# Leaf Chain

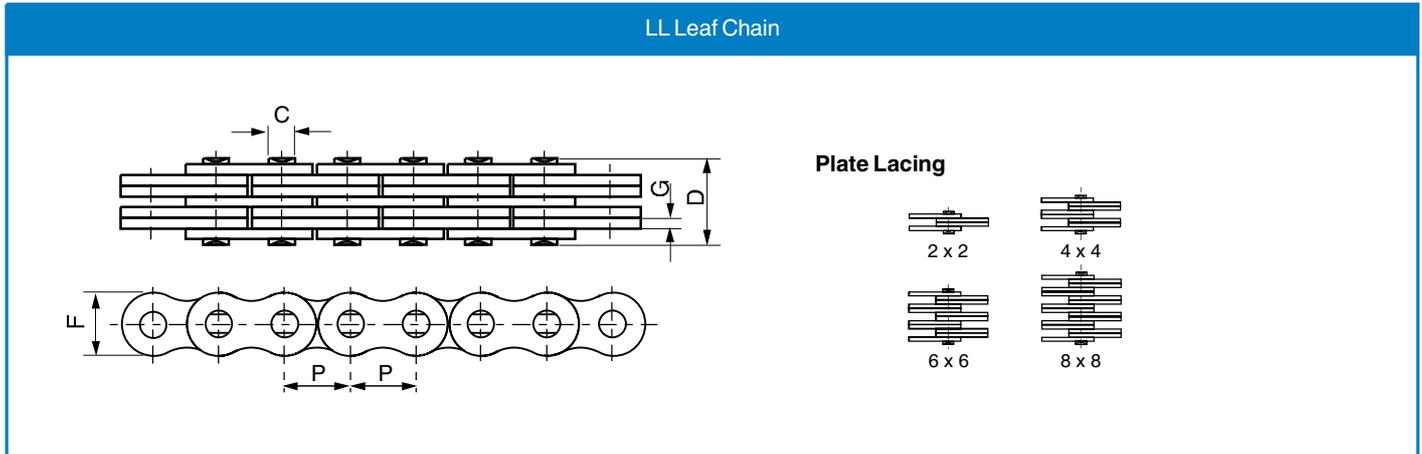
## LH / BL Series Leaf Chain (cont)



ISO Chain No.	ANSI Chain No.	Pitch P mm	Chain lacing	Plate height F mm	Plate thickness G mm	Pin diameter C mm	Pin length D mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
LH2022	BL1022	31.750	2x2	30.18	4.90	11.11	25.37	115.60	150.80	3.40
LH2023	BL1023		2x3				30.33	150.80	4.30	
LH2034	BL1034		3x4				40.23	231.60	6.00	
LH2044	BL1044		4x4				45.19	291.40	6.90	
LH2046	BL1046		4x6				55.09	291.40	8.60	
LH2066	BL1066		6x6				65.00	430.30	10.30	
LH2088	BL1088		8x8				84.81	555.10	13.80	
LH2422	BL1222	38.100	2x2	36.20	5.77	12.71	29.62	151.20	192.00	4.60
LH2423	BL1223		2x3				35.43	192.00	5.80	
LH2434	BL1234		3x4				47.07	315.90	8.10	
LH2444	BL1244		4x4				52.88	381.10	9.30	
LH2446	BL1246		4x6				64.52	381.10	11.60	
LH2466	BL1266		6x6				76.15	543.60	13.90	
LH2488	BL1288		8x8				99.42	726.00	18.60	
LH2822	BL1422	44.450	2x2	42.24	6.55	14.29	33.55	191.30	225.70	6.10
LH2823	BL1423		2x3				40.16	225.70	7.60	
LH2834	BL1434		3x4				53.37	372.60	10.60	
LH2844	BL1444		4x4				59.97	451.20	12.20	
LH2846	BL1446		4x6				73.18	451.20	15.20	
LH2866	BL1466		6x6				86.39	682.40	18.20	
LH2888	BL1488		8x8				112.80	902.80	24.30	
LH3222	BL1622	50.800	2x2	48.26	7.52	17.46	39.01	289.10	341.10	8.00
LH3223	BL1623		2x3				46.58	341.10	10.00	
LH3234	BL1634		3x4				61.72	519.60	14.00	
LH3244	BL1644		4x4				69.29	680.40	16.00	
LH3246	BL1646		4x6				84.43	680.40	20.00	
LH3266	BL1666		6x6				99.57	1000.70	24.00	
LH3288	BL1688		8x8				129.84	1364.60	32.00	
LH4022	BL2022	63.500	2x2	60.33	9.91	23.81	51.74	433.70	511.70	15.80
LH4023	BL2023		2x3				61.70	511.70	19.80	
LH4034	BL2034		3x4				81.61	766.20	27.70	
LH4044	BL2044		4x4				91.57	1023.50	31.60	
LH4046	BL2046		4x6				111.48	1023.50	39.50	
LH4066	BL2066		6x6				131.39	1535.20	47.40	
LH4088	BL2088		8x8				171.22	2046.50	63.20	

# Leaf Chain

## LL Series Leaf Chain

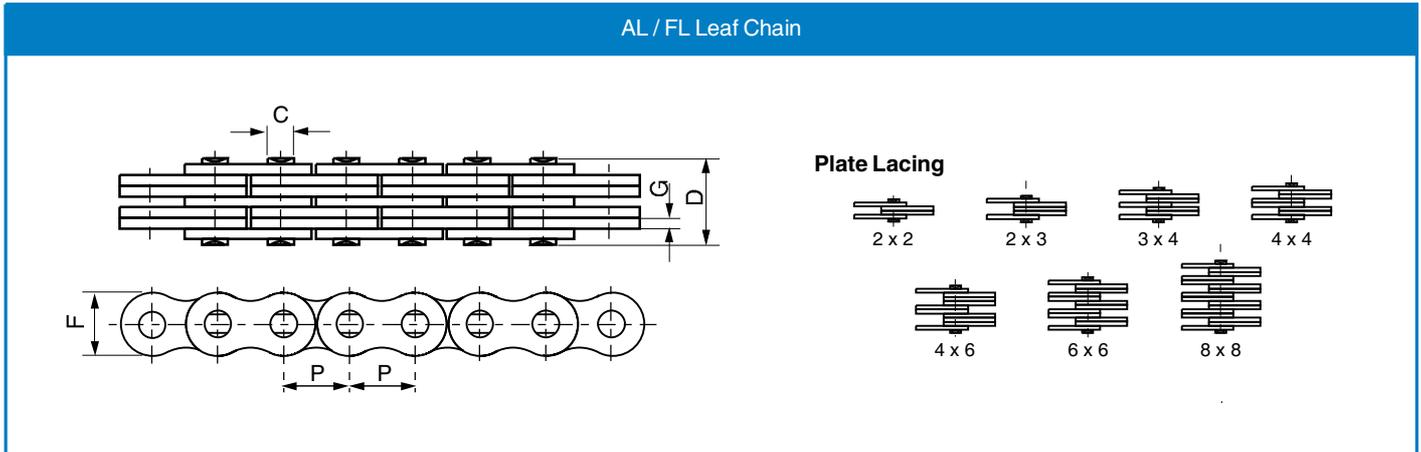


ISO Chain No.	Pitch P mm	Chain lacing	Plate height F mm	Plate thickness G mm	Pin diameter C mm	Pin length D mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
LL0822	12.700	2x2	10.60	1.30	4.45	7.60	17.80	20.40	0.35
LL0844		4x4				13.00	31.10	35.70	0.69
LL0866		6x6				18.20	44.50	50.90	1.00
LL0888		8x8				23.50	62.20	71.20	1.33
LL1022	15.875	2x2	13.70	1.60	5.08	9.20	22.30	25.50	0.54
LL1044		4x4				15.80	44.50	51.00	1.06
LL1066		6x6				22.10	66.70	76.30	1.57
LL1088		8x8				28.80	89.00	101.90	2.10
LL1222	19.050	2x2	16.00	1.85	5.72	10.40	28.90	33.20	0.73
LL1244		4x4				17.90	57.80	66.40	1.44
LL1266		6x6				25.40	86.70	99.70	2.15
LL1288		8x8				32.90	115.60	132.90	2.84
LL1622	25.400	2x2	21.00	3.10	8.28	17.20	58.00	66.70	1.52
LL1644		4x4				29.60	144.00	164.60	2.90
LL1666		6x6				42.40	200.00	230.00	4.30
LL1688		8x8				55.40	288.00	331.20	5.71
LL2022	31.750	2x2	26.40	3.70	10.19	20.10	95.00	109.20	2.33
LL2044		4x4				33.80	190.00	218.50	4.40
LL2066		6x6				50.10	285.00	324.60	6.79
LL2088		8x8				65.40	380.00	435.10	8.75
LL2422	38.100	2x2	33.40	5.00	14.63	28.40	170.00	195.50	4.47
LL2444		4x4				46.30	340.00	380.80	8.22
LL2466		6x6				66.40	510.00	571.20	12.22
LL2488		8x8				86.60	680.00	775.20	16.30
LL2822	44.450	2x2	37.08	6.00	15.90	32.20	200.00	224.00	5.10
LL2844		4x4				56.40	400.00	448.00	9.90
LL2866		6x6				80.60	600.00	672.00	14.60
LL2888		8x8				105.20	800.00	896.00	19.40
LL3222	50.800	2x2	42.00	6.00	17.81	33.20	260.00	291.20	5.80
LL3244		4x4				57.40	520.00	582.40	11.40
LL3266		6x6				81.60	780.00	873.60	16.90
LL3288		8x8				105.00	1050.00	1176.00	24.00
LL4022	63.500	2x2	52.76	8.25	22.89	44.70	360.00	403.20	10.30
LL4044		4x4				77.90	780.00	873.60	20.00
LL4066		6x6				111.10	1080.00	1209.60	29.50
LL4088		8x8				145.50	1560.00	1747.20	39.10
LL4822	76.200	2x2	63.88	10.30	29.24	56.10	560.00	627.20	18.50
LL4844		4x4				97.40	1120.00	1554.40	35.70
LL4866		6x6				138.90	1168.00	1308.10	53.00
LL4888		8x8				182.40	2240.00	2508.80	70.40

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# Leaf Chain

## AL / FL Series Leaf Chain



ANSI Chain No.	Pitch P mm	Chain lacing	Plate height F mm	Plate thickness G mm	Pin diameter C mm	Pin length D mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
AL322	9.525	2x2	7.70	1.30	3.58	6.80	9.00	10.20	0.23
AL422		2x2				7.90	14.10	16.90	0.39
AL444	12.700	4x4	10.40	1.50	3.96	14.40	28.20	35.20	0.74
AL466		6x6				20.50	42.30	52.70	1.10
AL522		2x2				10.30	22.00	27.50	0.61
AL534	15.875	3x4	12.80	2.03	5.08	17.00	33.00	46.00	1.10
AL544		4x4				18.90	44.00	55.00	1.19
AL566		6x6				26.90	66.00	82.50	1.79
AL622		2x2				12.40	37.00	44.40	0.86
AL644	19.050	4x4	15.60	2.42	5.94	22.70	64.00	78.80	1.69
AL666		6x6				32.40	101.00	118.60	2.52
AL822		2x2				16.00	56.70	68.60	1.54
AL844	25.400	4x4	20.50	3.25	7.92	29.40	113.40	135.60	3.00
AL866		6x6				42.50	170.00	202.30	4.46
AL1022		2x2				19.60	88.50	107.10	2.37
AL1044	31.750	4x4	25.60	4.00	9.53	35.90	177.00	203.60	4.68
AL1066		6x6				52.30	265.00	315.30	7.00
AL1222		2x2				24.30	127.00	151.10	3.65
AL1244	38.100	4x4	30.50	4.80	11.10	43.80	254.00	299.70	7.05
AL1266		6x6				63.00	381.00	426.30	10.44
AL1444		4x4				51.30	372.70	413.60	10.34
AL1466	44.450	6x6	36.40	5.60	12.64	74.56	559.00	620.40	15.16
AL1644		4x4				58.06	471.00	522.80	12.98
AL1666	50.800	6x6	41.60	6.40	14.21	84.46	706.00	783.60	19.41

## Leaf Chain

Chain No.	Pitch P mm	Chain lacing	Plate height F mm	Plate thickness G mm	Pin diameter C mm	Pin length D mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
FL644	5.940	4x4	4.70	0.60	1.85	6.60	6.50	7.80	0.13
FL666	5.940	6x6	4.70	0.60	1.85	9.30	9.75	11.80	0.20
FL688	5.940	8x8	4.70	0.60	1.85	12.00	13.00	15.60	0.25
FL844	8.000	4x4	6.90	0.73	2.31	7.90	10.00	12.10	0.25
FL944	9.525	4x4	8.70	1.04	3.28	10.40	21.00	24.70	0.43
FL966	9.525	6x6	8.70	1.00	3.28	14.90	31.00	36.80	0.65
F1222	12.700	2x2	8.20	1.00	3.58	7.00	11.43	13.60	0.19
F1223	12.700	2x3	10.20	2.03	4.45	12.80	20.00	23.80	0.61
F1244	12.700	4x4	10.20	1.70	4.45	16.70	44.00	52.30	0.83

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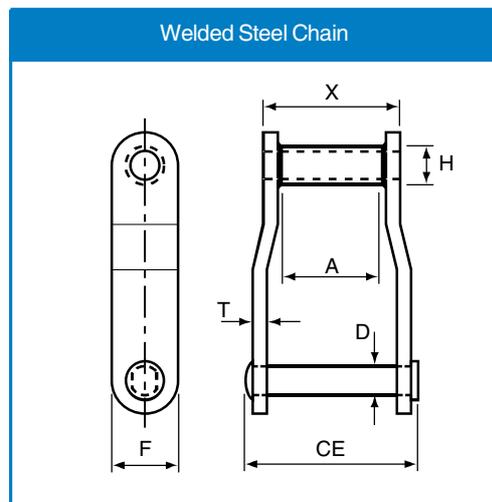
# Timber Chain

## Welded Steel Chain (Offset Side Bar)

Chain Ref	Pitch		Average Ultimate Strength lbs.	Max. Working Load lbs.	Approx. Links Per Foot	Average Weight lbs./ft.	Dimensions						
	mm	Inches					CE	X	D	T	F	H	A
WR78	66.26	2.609	24000	3000	4.6	4.0	76.20	50.80	12.70	6.35	28.58	22.23	28.58
WH78	66.26	2.609	36000	3500	4.6	4.0	76.20	50.80	12.70	6.35	28.58	22.23	28.58
WR82	66.26	2.609	26000	3800	4.6	4.0	76.20	50.80	12.70	6.35	28.58	22.23	28.58
WH82	66.26	2.609	40000	4500	4.6	4.0	76.20	50.80	12.70	6.35	28.58	22.23	28.58
WR124	101.60	4.000	46000	6300	3.0	8.3	107.95	69.85	19.05	9.53	38.10	31.75	38.10
WH124	101.60	4.000	60000	7350	3.0	8.3	107.95	69.85	19.05	9.53	38.10	31.75	38.10
WR111	120.90	4.760	46000	7550	2.5	9.5	123.83	85.00	19.05	9.53	44.45	31.75	50.80
WH111	120.90	4.760	60000	8850	2.5	9.5	123.83	85.00	19.05	9.53	44.45	31.75	50.80
WR106	152.40	6.000	46000	6750	2.0	7.0	107.95	69.85	19.05	9.53	38.10	31.75	41.28
WH106	152.40	6.000	69000	7200	2.0	7.0	107.95	69.85	19.05	9.53	38.10	31.75	41.28
WR110	152.40	6.000	46000	6750	2.0	7.2	117.48	76.20	19.05	9.53	38.10	31.75	47.63
WH110	152.40	6.000	69000	7900	2.0	7.2	117.48	76.20	19.05	9.53	38.10	31.75	47.63
WR132	153.67	6.050	84000	13100	2.0	14.2	158.75	111.00	25.40	12.70	50.80	41.28	73.03
WH132	153.67	6.050	110000	15000	2.0	14.2	158.75	111.00	25.40	12.70	50.80	41.28	73.03
WR150	153.67	6.050	84000	13100	2.0	16.8	158.75	111.00	25.40	12.70	63.50	41.28	73.03
WH150	153.67	6.050	110000	15300	2.0	16.8	158.75	111.00	25.40	12.70	63.50	41.28	73.03

WR - Welded steel chain c/w heat treated rivets

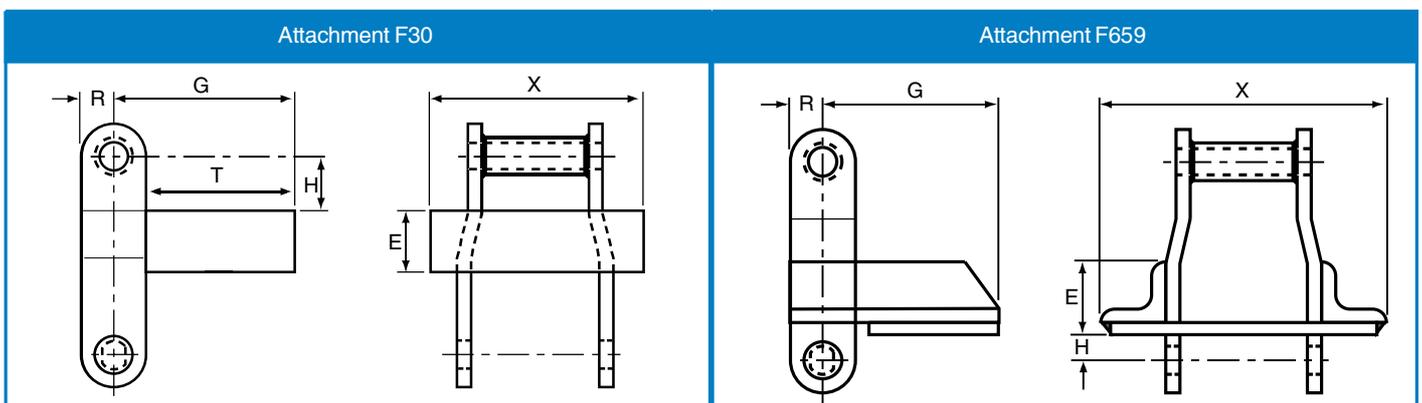
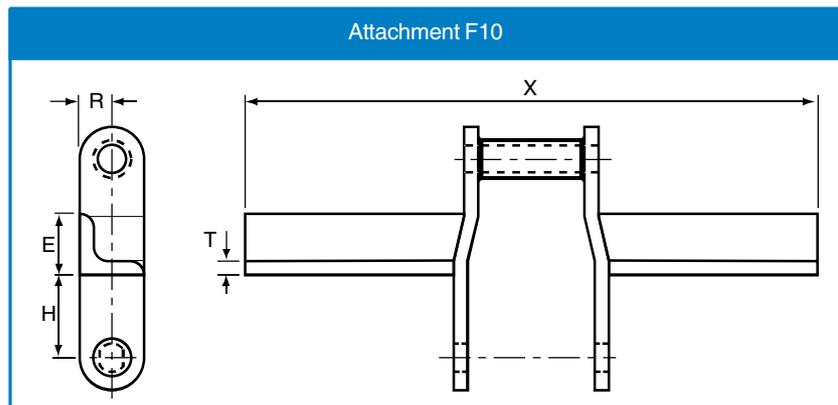
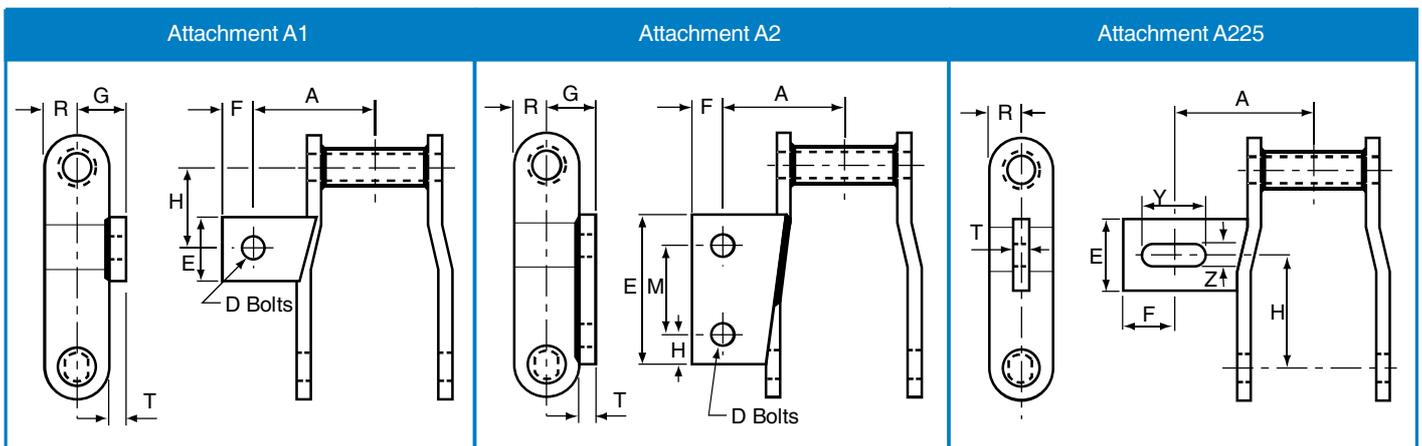
WH - Welded steel chain - fully heated treated



# Timber Chain

## Welded Steel Chain Attachments (Offset Side Bar)

Attachment Ref	Chain Ref.	Weight Per Ft lbs	Dimensions												
			A	D	E	F	G	H	K	M	R	T	X	Y	Z
A1	WR/WH78	4.97	50.80	9.58	31.75	12.70	20.57	31.75	-	-	14.27	6.35	-	-	-
A1	WR/WH82	6.50	54.10	9.58	44.45	15.88	23.88	38.10	-	-	15.88	6.35	-	-	-
A1	WR/WH124	8.40	66.68	15.88	50.80	15.88	28.70	45.97	-	-	19.05	9.53	-	-	-
A2	WR/WH78	4.50	50.80	9.58	54.10	12.70	19.81	10.41	-	28.70	14.27	6.35	-	-	-
A2	WR/WH82	6.00	54.10	9.53	57.15	15.80	23.88	12.70	-	31.75	15.88	7.92	-	-	-
A2	WR/WH124	10.00	66.68	9.58	76.20	22.23	28.70	22.23	-	49.28	19.05	9.53	-	-	-
A2	WR/WH132	17.00	95.25	12.70	101.60	19.05	38.10	41.28	-	69.85	25.40	12.70	-	-	-
A225	WR/WH124	8.90	101.60	-	50.80	49.28	-	50.80	-	-	19.05	12.70	-	57.15	22.23
F10	WR/WH82	4.80	-	-	31.75	-	-	23.80	-	-	15.88	6.35	260.35	-	-
F30	WR/WH78	9.90	-	-	25.40	-	-	68.33	-	-	14.27	54.10	76.20	-	-
F659	WR/WH124	13.10	-	-	44.45	-	-	120.65	-	-	19.05	-	167.39	-	-

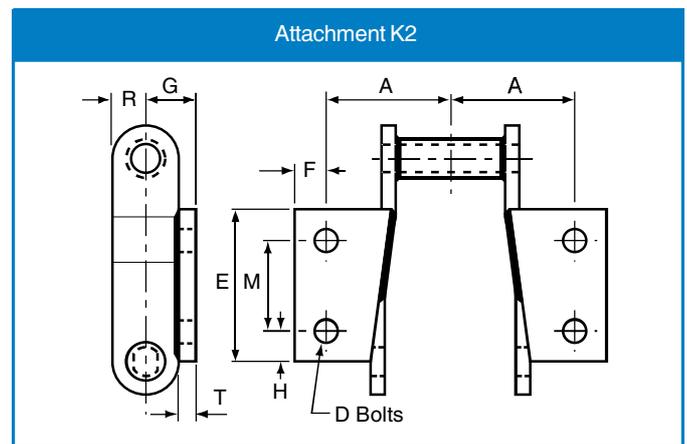
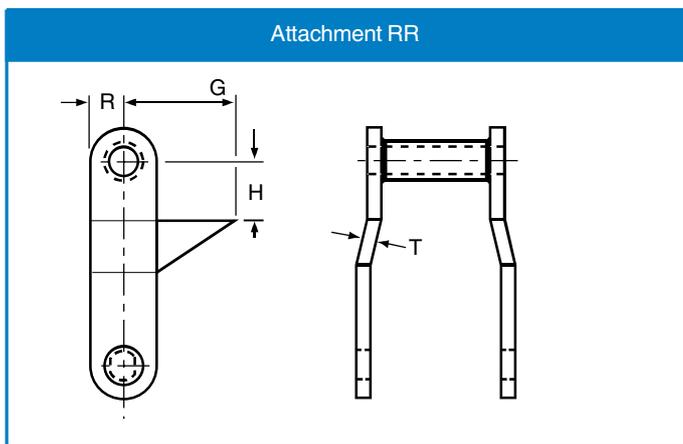
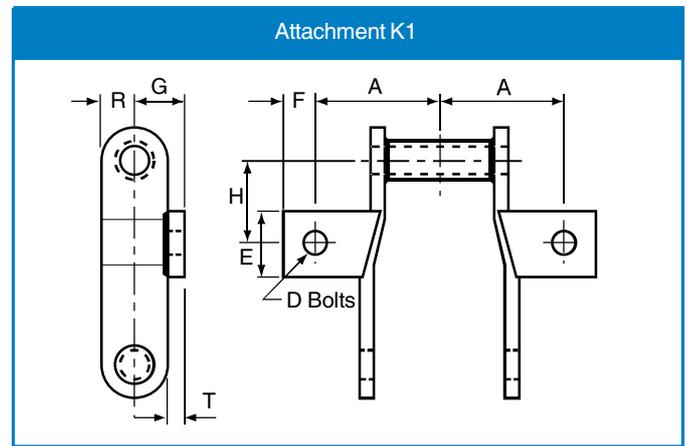
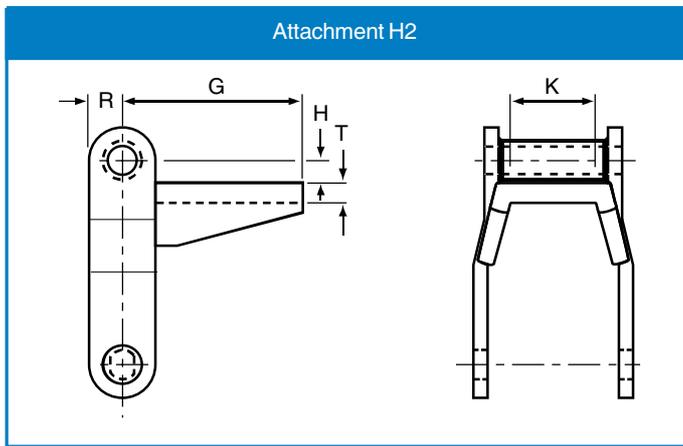


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# Timber Chain

## Welded Steel Chain Attachments (Offset Side Bar)

Attachment Ref	Chain Ref.	Weight Per Ft lbs	Dimensions												
			A	D	E	F	G	H	K	M	R	T	X	Y	Z
H2	WR/WH78	4.75	-	-	-	-	90.42	7.87	25.40	-	14.22	6.35	-	-	-
H2	WR/WH82	9.00	-	-	-	-	91.95	15.75	28.70	-	15.75	4.83	-	-	-
K1	WR/WH78	4.97	50.80	9.65	31.75	12.70	20.57	31.75	-	-	14.22	6.35	-	-	-
K1	WR/WH82	6.50	54.10	9.65	44.45	15.75	23.88	38.10	-	-	15.75	6.35	-	-	-
K1	WR/WH124	11.70	66.55	15.75	50.80	15.75	28.70	45.97	-	-	19.05	9.65	-	-	-
K2	WR/WH78	5.00	50.80	9.65	54.10	12.70	19.81	10.41	-	28.70	14.22	6.35	-	-	-
K2	WR/WH82	8.00	54.10	9.65	57.15	15.75	23.88	12.70	-	31.75	15.75	7.87	-	-	-
K2	WR/WH124	12.00	66.55	9.65	76.20	22.35	28.70	22.35	-	49.28	19.05	9.65	-	-	-
K2	WR/WH132	19.00	95.25	12.70	101.60	19.05	38.10	41.15	-	69.85	25.40	12.70	-	-	-
RR	WR/WH78	4.70	-	-	-	-	38.10	19.05	-	-	14.22	6.35	-	-	-
RR	WR/WH82	7.00	-	-	-	-	44.45	20.57	-	-	15.75	6.35	-	-	-
RR	WR/WH124	10.00	-	-	-	-	47.75	38.10	-	-	19.05	9.65	-	-	-

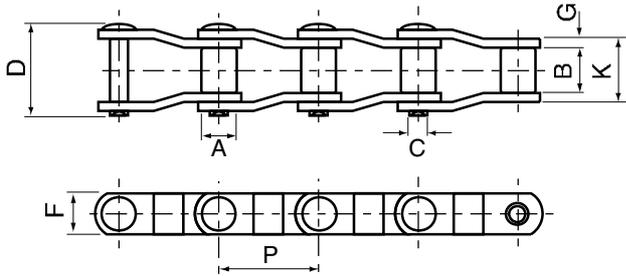


All dimensions in millimetres unless otherwise stated. Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused

# Timber Chain

## Offset Sidebar Roller Chain

Offset Sidebar Roller Chain



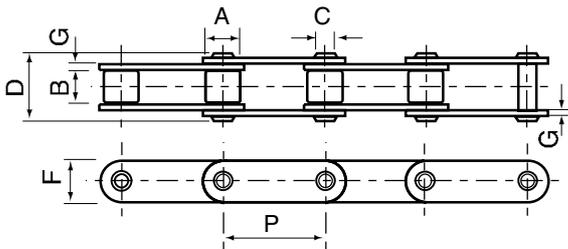
**Material Spec.**

	Sidebar	Pin	Bushing	Roller
S0-578	CH	CH	CC	CC
M0-88	C	CH	CC	CC
LXS-882	CH	AH	AC	CH
M0H-578	CH	CH	CC	CH

Chain No.	Pitch		Average Ultimate Strength lbs.	Max. Working Load lbs.	Approx. Links Per Foot	Average Weight lbs./ft.	Dimensions						
	inch	mm					A	B	C	D	F	G	K
S0-578	2.609	66.269	19,000	2,200	4.6	2.7	22.23	26.99	9.53	52.78	25.40	3.97	36.51
M0-88	2.609	66.269	20,000	2,400	4.6	3.8	22.23	26.99	11.11	59.53	28.58	6.35	41.28
LXS-882	2.609	66.269	29,000	2,800	4.6	3.9	22.23	28.58	11.11	59.53	28.58	6.35	42.86
M0H-578	2.609	66.269	19,000	2,200	4.6	2.7	22.23	26.99	9.53	52.78	25.40	5.56	36.12

## Straight Sidebar Roller Chain

Straight Sidebar Roller Chain



**Material Spec.**

	Sidebar	Pin	Bushing	Roller
MS-88	C	CH	CC	CC
81-X	CH	AC	AC	CH
81-XH	CH	AC	AC	CH
81-XHS	CH	AC	AC	CH
SS-188	CH	AC	CC	CC

Chain No.	Pitch		Average Ultimate Strength lbs.	Max. Working Load lbs.	Approx. Links Per Foot	Average Weight lbs./ft.	Dimensions							Side Plate Thickness (G)	
	inch	mm					A	B	C	D	F	K	Chain	Conn	
MS-88	2.609	66.269	26,000	2,500	4.6	3.8	22.23	26.99	11.11	59.53	28.58	41.28	6.35	6.35	
81-X	2.609	66.269	22,000	2,200	4.6	2.6	23.02	26.99	11.11	47.23	28.58	34.93	3.97	3.97	
81-XH	2.609	66.269	41,800	5,000	4.6	3.9	23.02	26.99	11.11	59.18	31.75	42.86	7.94	5.56	
81-XHS	2.609	66.269	41,800	5,000	4.6	4.2	23.02	26.99	11.11	63.50	32.94	42.86	7.94	7.94	
SS-188	2.609	66.269	26,000	2,500	4.6	3.8	22.23	26.99	11.11	59.53	28.58	41.28	6.35	6.35	

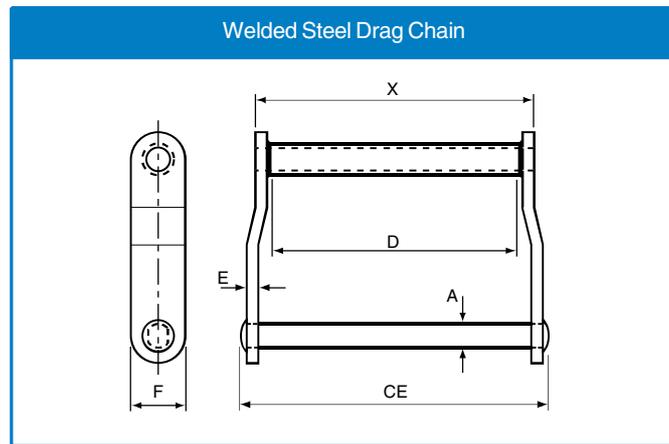
**Material Designation**

- C: Carbon Steel
- CC: Carbon Steel Case Hardened
- AC: Alloy Steel Case Hardened
- CH: Carbon Steel Heat Treated
- AH: Alloy Steel Heat Treated

# Timber Chain

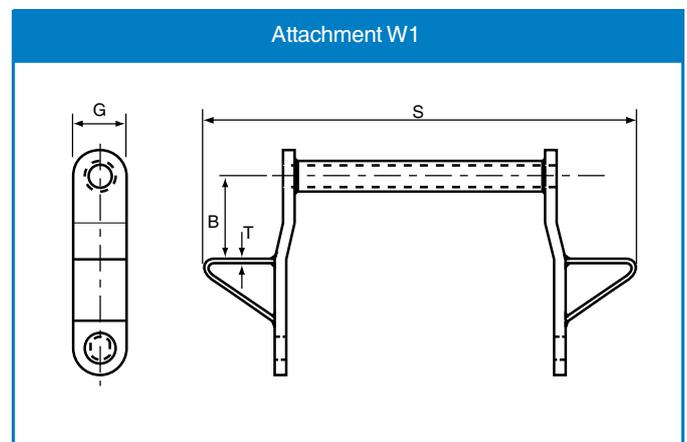
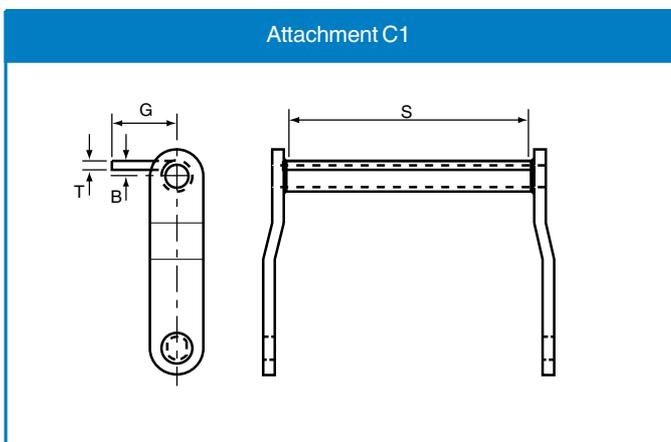
## Welded Steel Drag Chain

Chain Ref	Pitch		Average Ultimate Strength lbs.	Max. Working Load lbs.	Approx. Links Per Foot	Average Weight lbs.	Dimensions					
	mm	Inches					CE	X	A	E	D	F
WD104	152.4	6	51000	8500	20	8.7	174.75	136.65	19.05	9.65	104.65	38.1
WD110	152.4	6	51000	8500	20	12.0	301.75	263.65	19.05	9.65	228.60	38.1
WD120	152.4	6	80000	12300	20	19.4	304.80	257.05	22.35	12.70	215.90	50.8
WD122	203.2	8	80000	12300	15	16.0	304.80	257.05	22.35	12.70	215.90	50.8
WD480	203.2	8	80000	12300	15	18.1	371.35	323.75	22.35	12.70	279.40	50.8



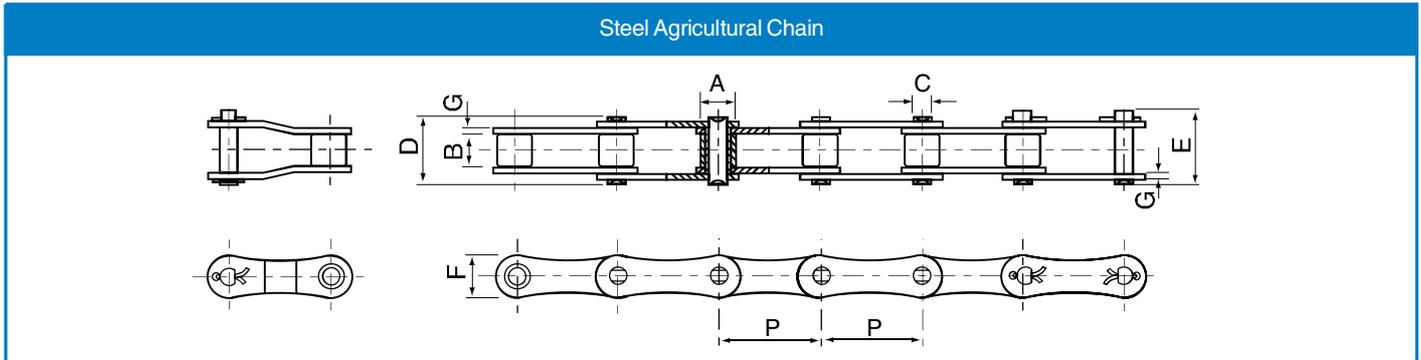
## Drag Chain Attachments

Attachment Ref	Chain Ref	Dimensions			
		S	B	G	T
C1	WD104	104.65	9.53	57.15	9.53
W1	WD104	304.80	47.63	-	9.53
W1	WD120	431.80	44.45	-	12.70



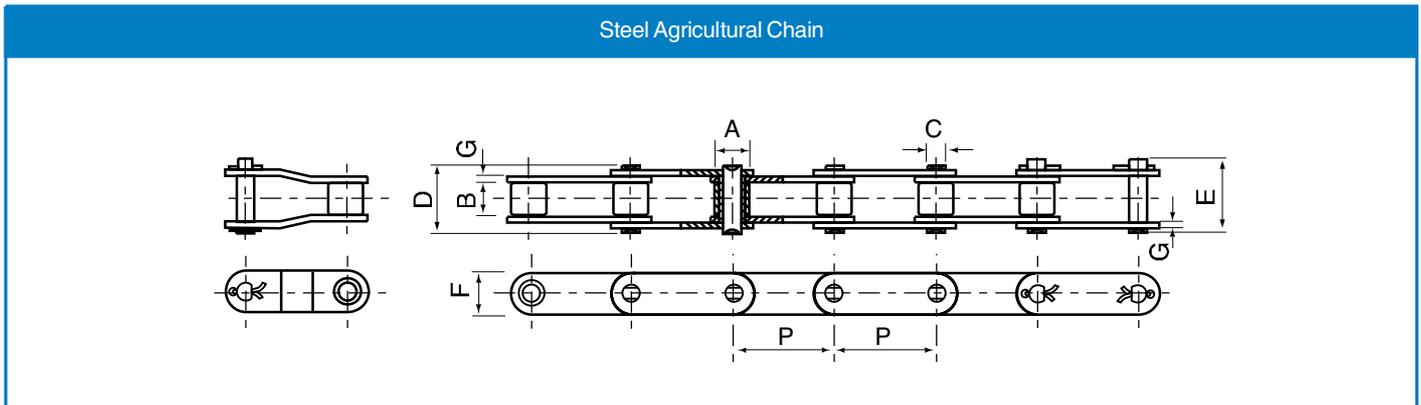
# Agricultural Chain

## Steel Agricultural Chain



Chain No.	Pitch		Roller diameter		Width between inner plates		Pin diameter		Pin length		Inner plate height F mm	Plate thickness G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
	P mm	A mm	B mm	C mm	D mm	E mm									
S32	29.210	11.43	15.88	4.45	26.70	28.80	13.20	1.80	8.00	21.60	0.86				
S42	34.930	14.27	19.05	7.00	34.30	37.00	19.80	2.80	27.00	50.80	1.60				
S45	41.400	15.24	22.23	5.72	37.70	40.40	17.30	2.80	18.00	36.10	1.66				
S52	38.100	15.24	22.23	5.72	37.70	40.40	17.30	2.80	18.00	36.10	1.68				
S55	41.400	17.78	22.23	5.72	37.70	40.40	17.30	2.80	18.00	36.10	1.80				
S55R	41.400	17.78	22.23	8.90	41.00	44.00	22.40	3.50	45.00	73.10	2.49				
S62	41.910	19.05	25.40	5.72	40.30	43.00	17.30	2.50	27.00	36.10	1.87				
S77	58.340	18.26	22.23	8.90	43.20	46.40	26.20	4.00	45.00	73.10	2.65				
S88	66.270	22.86	28.58	8.90	49.80	53.00	26.20	4.00	45.00	73.10	3.25				

## Steel Agricultural Chain



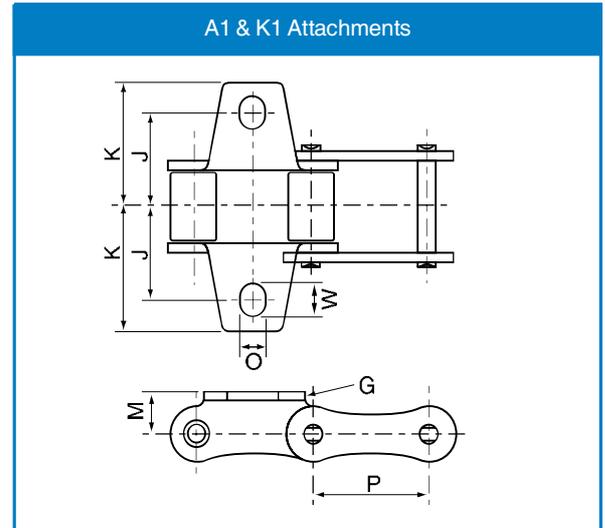
Chain No.	Pitch		Roller diameter		Width between inner plates		Pin diameter		Pin length		Inner plate height F mm	Plate thickness G mm	Minimum tensile strength kN	Average tensile strength kN	Weight per meter kg/m
	P mm	A mm	B mm	C mm	D mm	E mm									
38.4	38.400	15.88	19.05	6.92	33.80	37.00	17.30	2.50	25.00	33.00	1.65				
38.4-V	38.400	15.88	18.00	6.92	33.80	37.00	17.30	3.00	31.50	40.00	1.74				
38.4-VB	38.400	15.88	19.05	8.27	36.20	39.40	20.50	3.00	45.00	50.00	2.12				
CA550	41.400	16.87	19.81	7.19	35.00	38.00	19.30	2.80	39.10	51.20	1.94				
CA555	41.400	16.87	12.70	7.19	29.70	33.10	19.30	3.10	39.10	56.00	1.83				
CA557	41.400	17.78	20.24	8.00	37.40	40.60	23.10	3.10	55.61	74.30	2.20				
CA620	42.010	17.91	24.51	7.19	41.80	45.20	20.20	3.25	39.10	55.10	2.35				
CA650	50.800	25.00	27.80	9.53	40.40	44.70	25.00	4.00	80.00	95.50	3.49				
CA2060H	38.100	11.91	12.70	5.94	29.74	31.72	17.45	3.25	31.28	40.50	1.50				
CA2063H	38.100	11.89	12.70	5.94	29.40	34.20	19.30	3.25	31.28	40.50	1.65				

Every effort has been taken to ensure that the data listed in this catalogue is correct. Challenge accepts no liability for any inaccuracies or damage caused. All dimensions in millimetres unless otherwise stated.

# Agricultural Chain Attachments

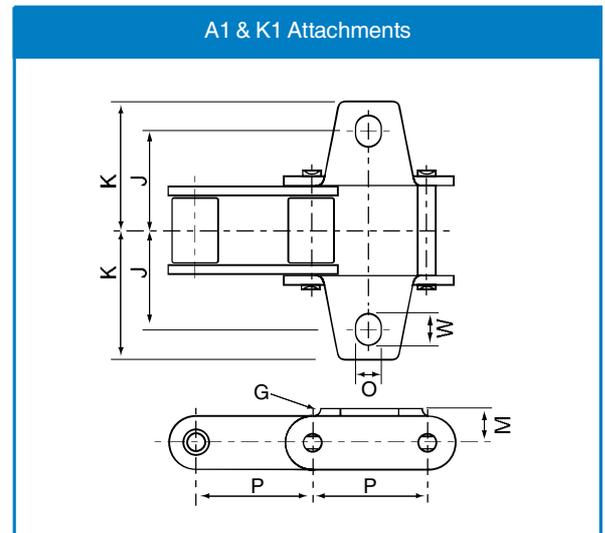
## S Series A1 & K1 Attachments

Chain No.	P mm	G mm	J mm	K mm	M mm	ØO mm	W mm
S32	29.21	1.80	21.50	30.50	8.60	5.30	6.90
S42	34.93	2.80	27.00	37.45	14.00	8.30	11.50
S45	41.40	2.80	27.00	37.50	11.40	8.50	11.70
S52	38.10	2.80	29.40	39.00	11.40	8.30	9.90
S55	41.40	2.80	27.00	37.50	11.40	8.50	11.70
S62	41.91	2.50	33.40	47.70	11.40	6.50	13.00
S77	58.34	4.00	38.10	50.80	20.80	8.40	11.70
S88	66.27	4.00	48.50	59.70	20.80	8.40	10.00



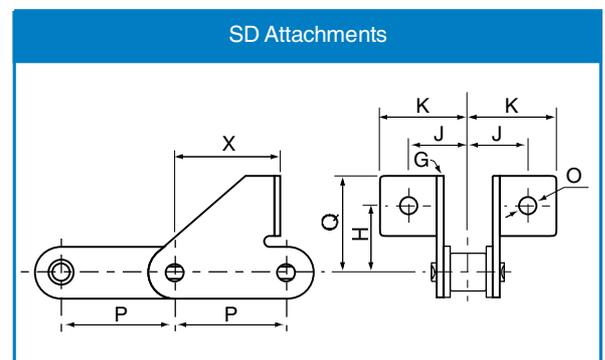
## 38.4 & CA Series A1 & K1 Attachments

Chain No.	P mm	G mm	J mm	K mm	M mm	ØO mm	W mm
38.4	38.40	2.50	29.00	41.50	15.40	9.00	
38.4-V	38.40	3.00	28.75	41.00	15.40	9.00	
38.4-VB	38.40	3.00	29.00	43.50	14.00	10.50	
CA550	41.40	2.80	26.25	38.10	12.70	8.30	10.00
CA557	41.40	3.10	25.40	36.00	15.90	8.70	



## S, 38.4 & CA Series SD Attachments

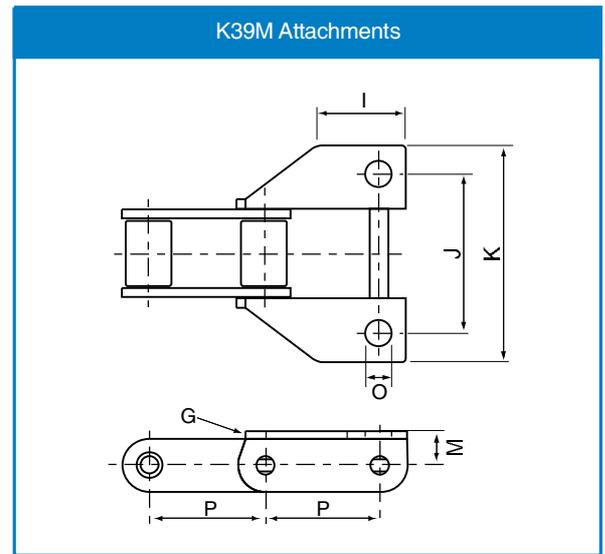
Chain No.	P mm	G mm	Q mm	J mm	K mm	H mm	X mm	ØO mm
S45	41.40	2.80	26.00	29.00	44.25	16.00	24.00	6.40
S55	41.40	2.80	26.00	29.00	44.25	16.00	24.00	6.40
38.4	38.40	2.50	37.00	26.00	35.50	24.00	38.40	8.40
38.4-VB	38.40	3.00	34.00	26.00	35.50	25.00	32.40	6.50
CA550	41.40	2.80	42.90	23.80	34.10	31.00	36.90	8.70



# Agricultural Chain Attachments

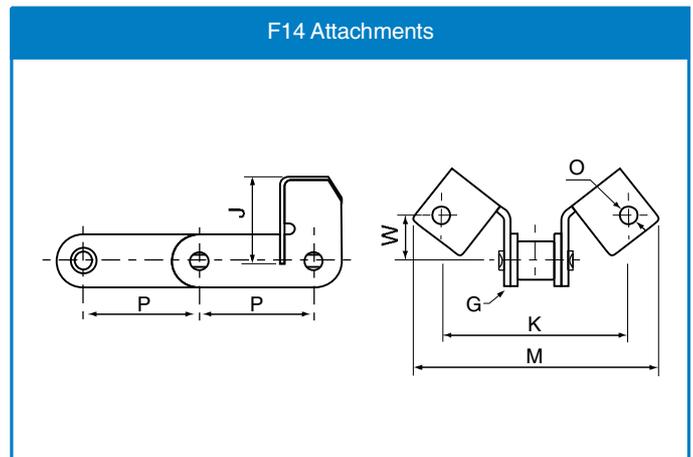
## CA Series K39M Attachments

Chain No.	P mm	G mm	I mm	J mm	K mm	M mm	∅O mm
CA550	41.40	2.8	30.0	50.80	72.00	12.70	9.50
CA557	41.40	3.1	38.1	53.94	76.20	14.60	9.90



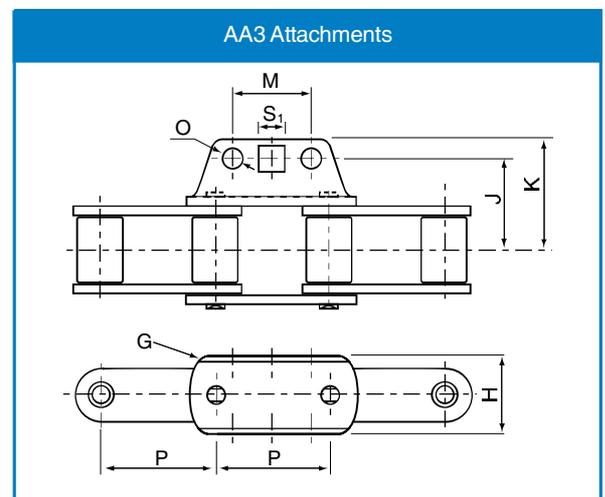
## CA Series F14 Attachments

Chain No.	P mm	G mm	J mm	K mm	M mm	∅O mm	W mm
CA550	41.40	2.8	31.75	79.40	101.60	8.33	15.90
CA557	41.40	3.1	31.75	79.40	101.60	8.33	15.90



## CA Series AA3 Attachments

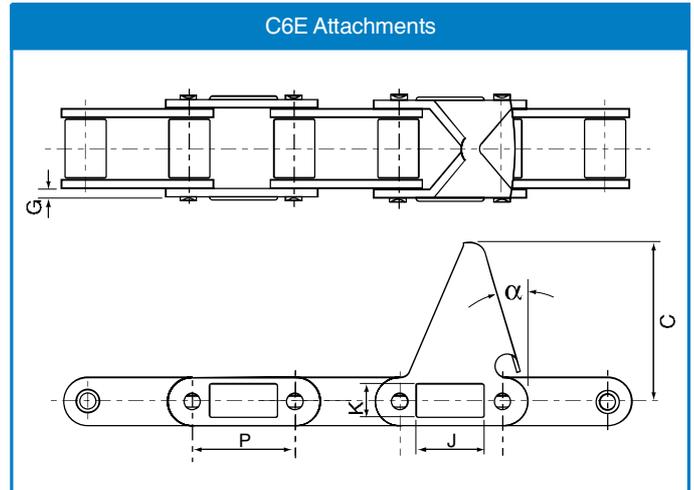
Chain No.	P mm	G mm	J mm	K mm	M mm	H mm	∅O mm	S <sub>1</sub> mm
CA557	41.40	3.10	31.90	43.29	30.20	31.06	8.20	9.73



# Agricultural Chain Attachments

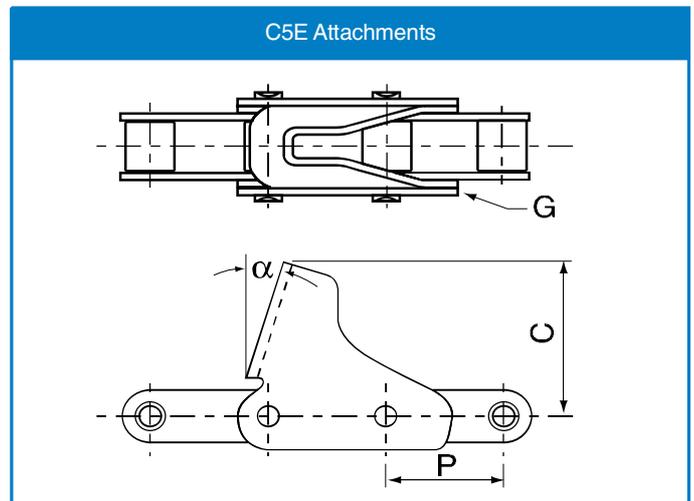
## CA Series C6E Attachments

Chain No.	P mm	G mm	C mm	J mm	K mm	$\alpha$ °
CA550	41.40	2.80	55.60	23.60	13.50	20.0
CA555	41.40	3.10	63.50	23.60	13.50	15.0
C2060H	38.10	3.25	63.50	-	-	22.5



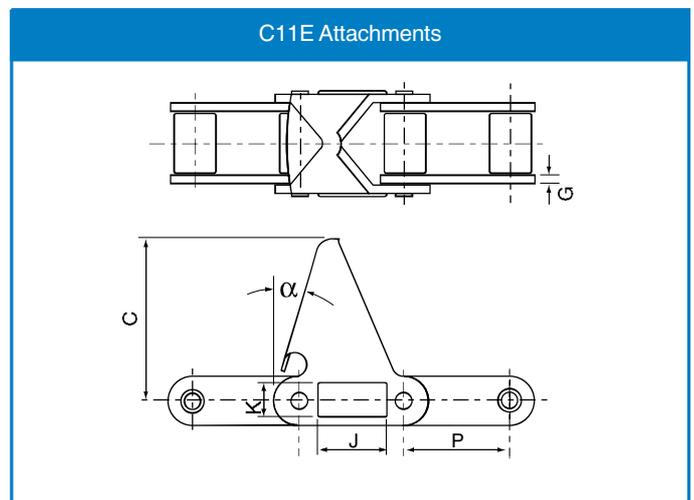
## CA Series C5E Attachments

Chain No.	P mm	G mm	C mm	$\alpha$ °
CA550	41.40	2.8	59.00	15
CA555	41.40	3.1	57.15	15



## CA Series C11E Attachments

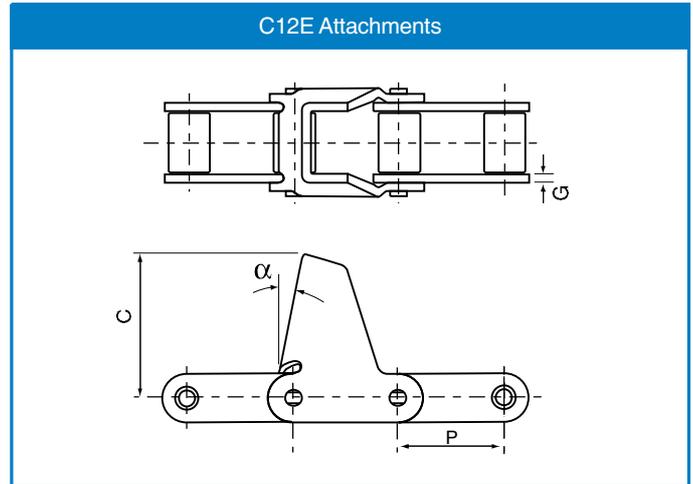
Chain No.	P mm	G mm	C mm	J mm	K mm	$\alpha$ °
CA550	41.40	2.80	59.00	23.60	13.50	15



# Agricultural Chain Attachments

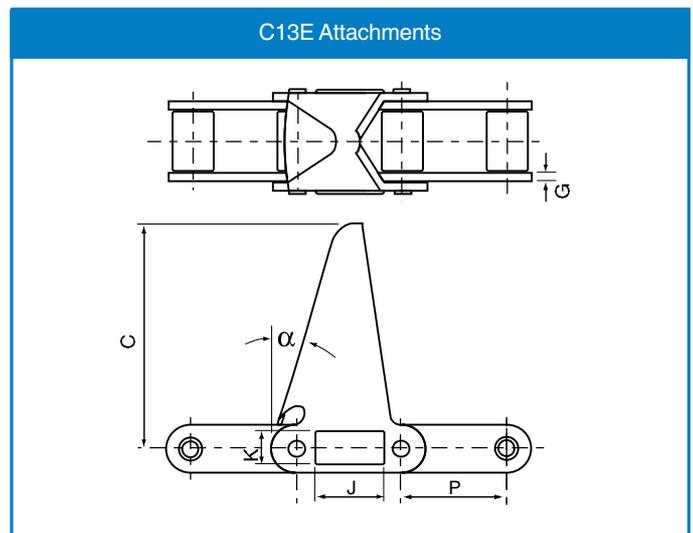
## CA Series C12E Attachments

Chain No.	P mm	G mm	C mm	$\alpha$ °
CA550	41.40	2.8	59.00	9



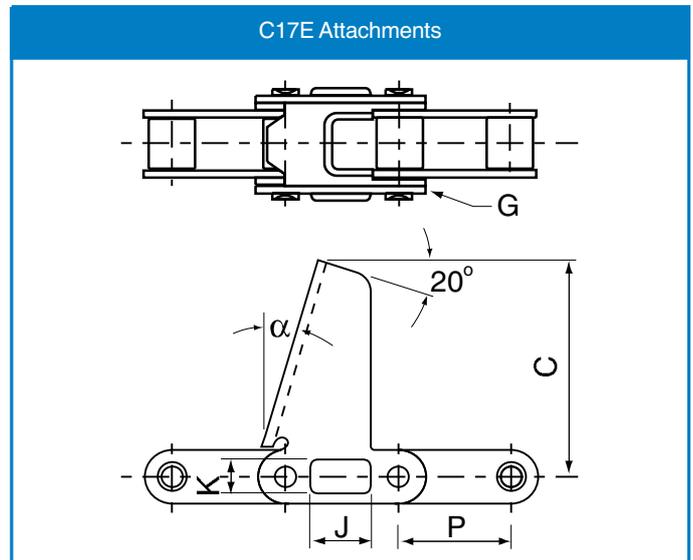
## CA Series C13E Attachments

Chain No.	P mm	G mm	C mm	J mm	K mm	$\alpha$ °
CA550	41.40	2.80	92.10	23.60	13.50	15



## CA Series C17E Attachments

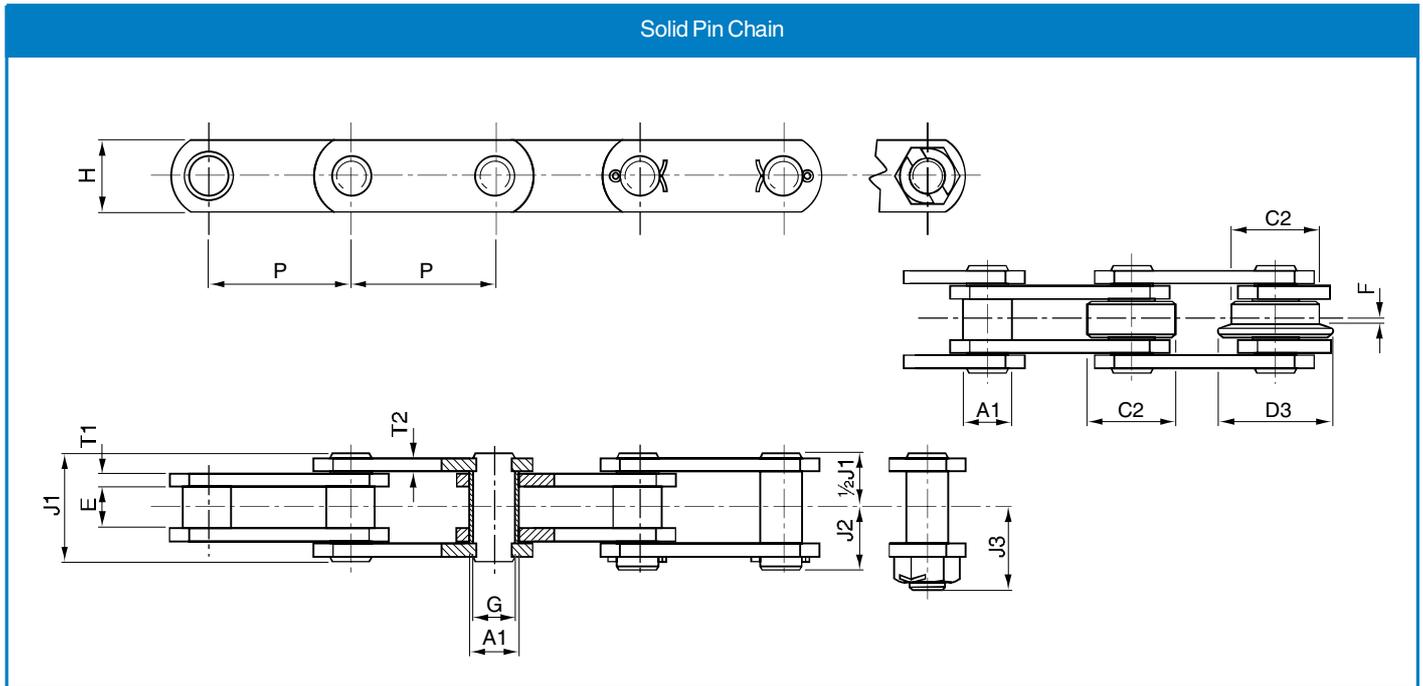
Chain No.	P mm	G mm	C mm	J mm	K mm	$\alpha$ °
CA550	41.40	2.80	76.20	23.60	13.50	15



# Conveyor Chain

Solid Pin

BS Conveyor Chain (BS 4116 Part 4)



Solid Pin Chain

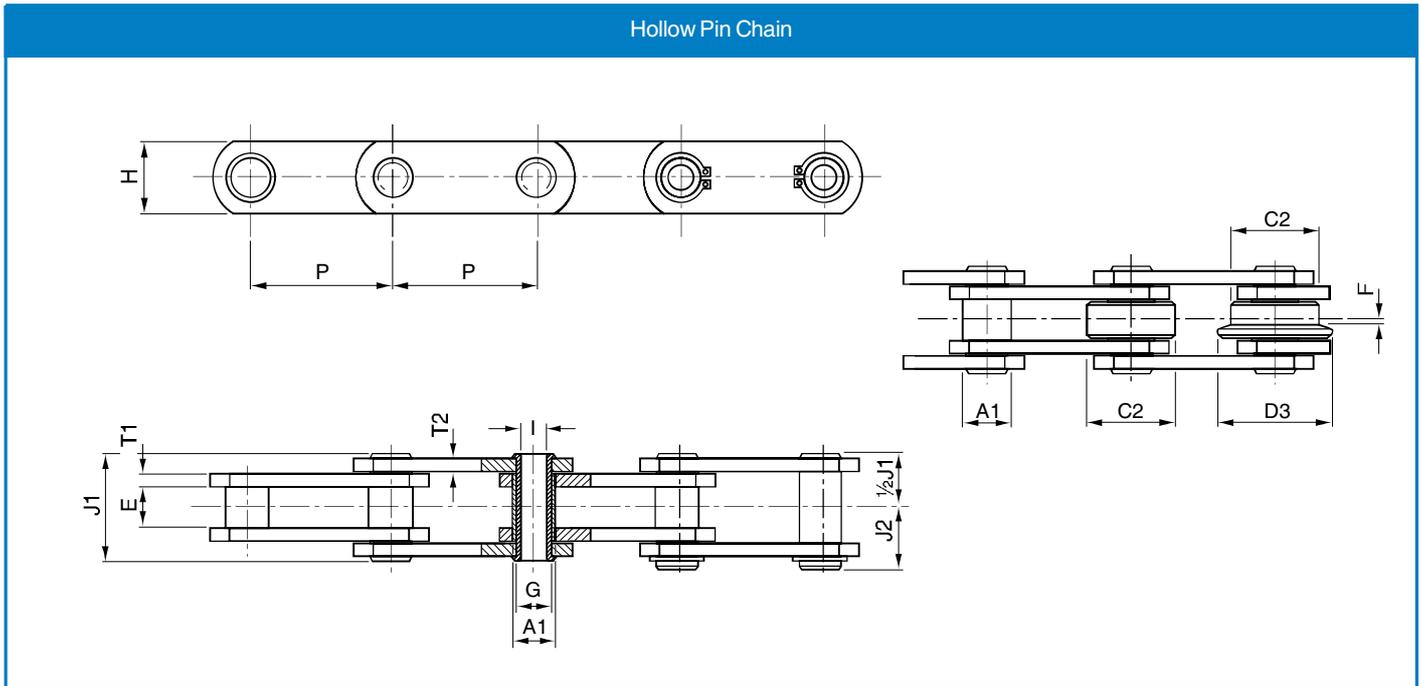
Chain Number	Minimum Breaking (Load) lbf	Pitch Inches	Pitch mm	E	C2	D3	F	A1	G	H	T1	T2	J1	J2	J3	Breaking Load			Weight (Type C) kg/m
																Minimum N	Average N	Up rated N	
C40	7 500	2.0	50.8	15	31.75	40	2.5	17	14	25	4	4	37	22	28.5	33 000	40 000	50 000	4.0
C40	"	2.5	63.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.5
C40	"	3.0	76.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.2
C40	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.0
C40	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.8
C40	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.6
C40	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.4
C100	15 000	3.0	76.2	19	47.5	60	3.5	23	19	40	5	4	45	28	37	67 000	100 000	130 000	7.7
C100	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	7.0
C100	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.5
C100	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.8
C100	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.3
C100	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.0
C100	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.7
C160	30 000	4.0	101.6	26	66.7	82	3.5	33	26.9	50	7	5	58	34.5	51	134 000	156 000	200 000	14.3
C160	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	12.5
C160	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11.3
C160	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	10.5
C160	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.8
C160	"	9.0	228.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.3
C160	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.0
C300	45 000	6.0	152.4	38	88.9	114	8.5	38	28	60	10	8	83	47	70	200 000	300 000	340 000	24.3
C300	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	22.0
C300	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	21.0
C300	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	18.0
C300	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	16.5
C300/60	60 000	6.0	152.4	38	88.9	114	8.5	38	32	60	10	8	84	52	71	267 000	300 000	380 000	24.0
C300/60	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	21.8
C300/60	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20.0
C300/60	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	17.7
C300/60	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	16.0

Up rated breaking load chain has heat treated side plates.

# Conveyor Chain

**Hollow Pin**

**BS Conveyor Chain (BS 4116 Part 4)**



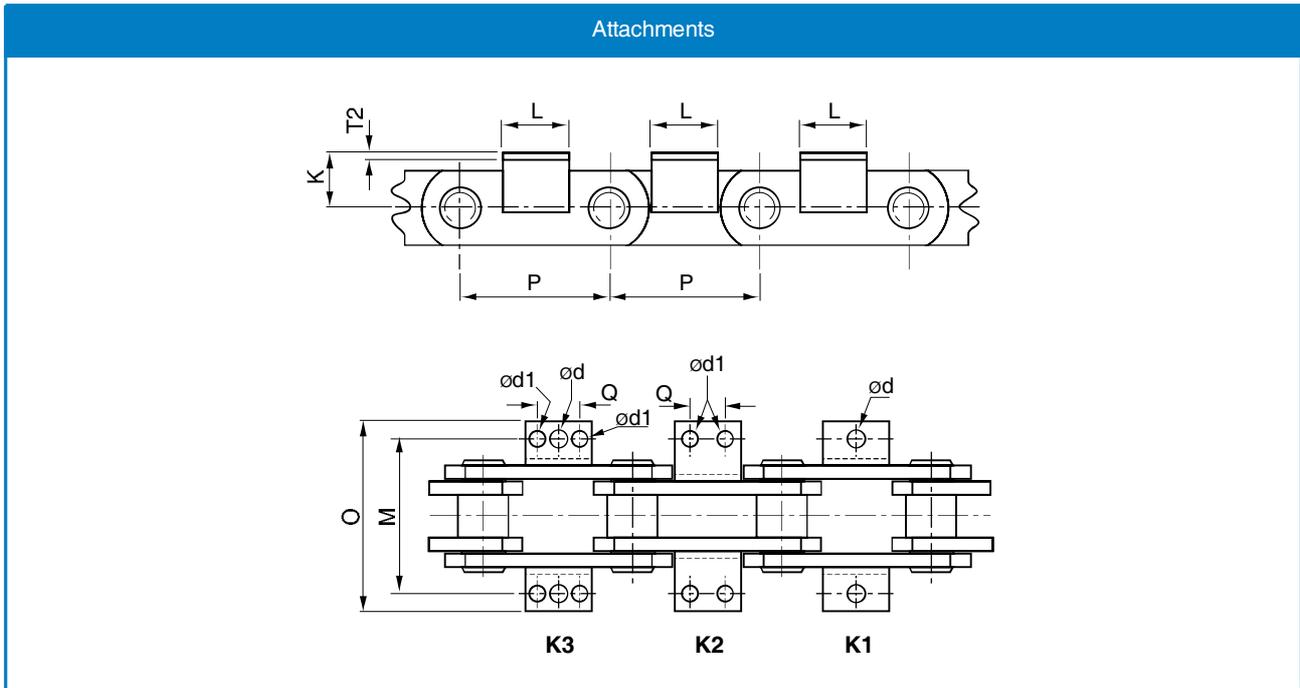
**Hollow Pin Chain**

Chain Number	Minimum Breaking (Load) lbf	Pitch Inches	Pitch mm	E	C2	D3	F	A1	G	I	H	T1	T2	J1	J2	Breaking Load			Weight (Type C) kg/m
																Minimum N	Average N	Up-rated N	
CC21	4 500	1.5	38.1	12.7	25.4	/	/	11	9	6.5	18	2.5	2.5	26	14.5	20 000	21 000	/	2.2
CC21	"	2.0	50.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1.7
CC21	"	2.5	63.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1.6
CC21	"	3.0	76.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1.4
CC40	6 000	2.0	50.8	15	31.75	40	2.5	17	14	10.2	25	4	4	36.4	19.5	27 000	40 000	50 000	3.6
CC40	"	2.5	63.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.2
CC40	"	3.0	76.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.0
CC40	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.8
CC40	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.6
CC40	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.4
CC40	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	2.3
CC60	12 000	3.0	76.2	19	47.5	60	3.5	23	19	13.2	40	5	4	45	23.5	54 000	60 000	120 000	7.0
CC60	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.4
CC60	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.0
CC60	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.3
CC60	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.9
CC60	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.6
CC60	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.4
CC150	24 000	4.0	101.6	26	66.7	82	4	33	26.9	20.2	50	7	5	58	31.5	107 000	150 000	190 000	12.8
CC150	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11.3
CC150	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11.0
CC150	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.5
CC150	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	9.0
CC150	"	9.0	228.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	8.6
CC150	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	8.2
CC300	36 000	6.0	152.4	38	88.9	114	8.5	38	32	22.5	60	10	8	83	43.5	160 000	300 000	380 000	22.3
CC300	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	20.2
CC300	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	18.8
CC300	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	16.4
CC300	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	15.2

Up-rated breaking load chain has heat treated side plates.

# Conveyor Chain Attachments

## Conveyor Attachments



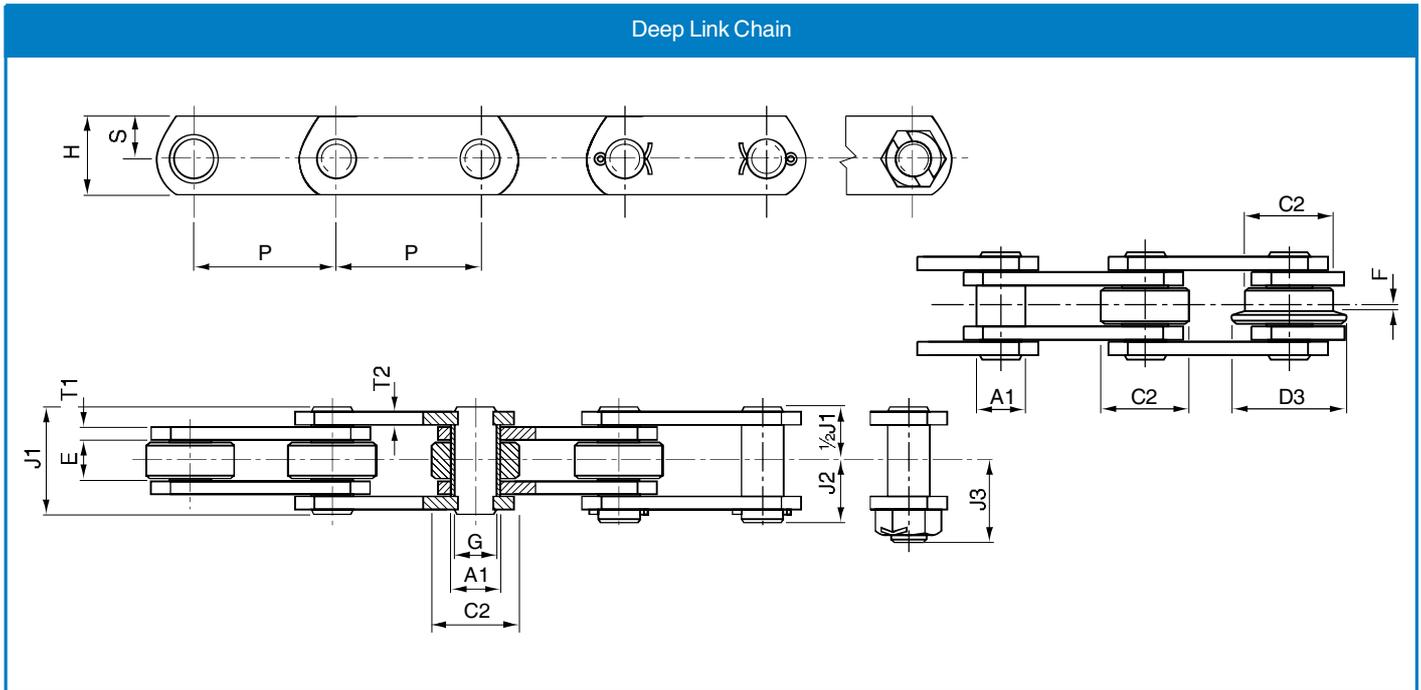
## Conveyor Attachments

Chain Number	Minimum Breaking Load lbf	Pitch Inches	Pitch mm	Attachment Type	K	M	L	d	d1	O	Q	Average Weight (Ea) kg
CC40 / C40	6 000 / 7 500	2.0	50.8	K1	19	76.2	45.0	10.7	/	129	/	0.10
CC40 / C40	"	2.5	63.5	K1, K2	"	"	43.0	"	9.3	112	22.2	0.10
CC40 / C40	"	3.0	76.2	K3	"	"	"	"	"	136	"	0.10
CC40 / C40	"	3.5	88.9	K1, K2, K3	"	"	50.0	"	"	112	31.8	0.10
CC40 / C40	"	4.0	101.6	K3	"	"	64.0	"	"	110	"	0.10
CC40 / C40	"	5.0	127.0	K3	"	"	85.0	"	"	112	57.2	0.20
CC40 / C40	"	6.0	152.4	K3	"	"	88.0	"	"	"	"	0.20
CC100 / C100	12 000 / 15 000	3.0	76.2	K1	32	89.0	30.0	14.0	/	130	/	0.12
CC100 / C100	"	3.5	88.9	K1	"	"	"	"	/	"	/	0.12
CC100 / C100	"	4.0	101.6	K3	"	"	64.0	"	10.5	"	31.8	0.10
CC100 / C100	"	5.0	127.0	K1, K2	"	"	84.0	"	"	"	57.2	0.30
CC100 / C100	"	6.0	152.4	K3	"	"	114.5	"	"	"	"	0.32
CC100 / C100	"	7.0	177.8	K1, K2	"	"	110.0	"	"	"	80.0	0.40
CC100 / C100	"	8.0	203.2	K1, K2	"	"	"	"	"	"	"	0.40
CC160 / C160	24 000 / 30 000	4.0	101.6	K1	38	108.0	35.0	15.5	/	154	/	0.19
CC160 / C160	"	5.0	127.0	K1, K2	"	"	56.0	"	12.3	"	31.7	0.30
CC160 / C160	"	6.0	152.4	K1, K2	"	"	84.0	"	"	"	57.2	0.38
CC160 / C160	"	7.0	177.8	K1, K2	"	"	"	"	"	"	"	0.38
CC160 / C160	"	8.0	203.2	K1, K2	"	"	130.0	"	"	"	100.0	0.60
CC160 / C160	"	9.0	228.6	K1, K2	"	"	150.0	"	"	"	"	0.69
CC160 / C160	"	10.0	254.0	K1, K2	"	"	170.0	"	"	"	135.0	0.75
CC300 / C300	36 000 / 45 000	6.0	152.4	K1	51	146.0	70.0	17.0	/	200	38.1	0.50
CC300 / C300	"	7.0	177.8	K1	"	"	"	"	/	"	"	0.50
CC300 / C300	"	8.0	203.2	K1, K2	"	"	100.0	"	14.0	"	76.2	0.70
CC300 / C300	"	10.0	254.0	K1, K2	"	"	152.4	"	"	"	90.0	0.90
CC300 / C300	"	12.0	304.8	K1, K2	"	"	225.0	"	"	"	190.0	1.60
C300 / 60	60 000	6.0	152.4	K1	51	146.0	70.0	17.0	/	200	38.1	0.50
C300 / 60	"	7.0	177.8	K1	"	"	"	"	/	"	"	0.50
C300 / 60	"	8.0	203.2	K1, K2	"	"	100.0	"	14.0	"	76.2	0.70
C300 / 60	"	10.0	254.0	K1, K2	"	"	152.4	"	"	"	90.0	0.90
C300 / 60	"	12.0	304.8	K1, K2	"	"	225.0	"	"	"	190.0	1.60

# Conveyor Chain

Deep Link

BS Conveyor Chain (BS 4116 Part 4)



Deep Link Chain

Chain Number	Minimum Breaking (Load)lbf	Pitch Inches	Pitch mm	E	C2	A1	G	H	S	T1	T2	J1	J2	J3	Breaking Load			Weight (Type C) kg/m
															Minimum N	Average N	Up rated N	
CE40	7 500	2.0	50.8	15	31.75	17	14	40	27	4	4	37	22	28.5	33 000	40 000	60 000	5.0
CE40	"	2.5	63.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.6
CE40	"	3.0	76.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.2
CE40	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.0
CE40	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.8
CE40	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.5
CE40	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	3.3
CE100	15 000	3.0	76.2	19	47.5	23	19	50	30	5	4	45	28	37	67 000	100 000	160 000	8.9
CE100	"	3.5	88.9	"	"	"	"	"	"	"	"	"	"	"	"	"	"	8.4
CE100	"	4.0	101.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	7.6
CE100	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.8
CE100	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	6.3
CE100	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	5.9
CE100	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	7.7
CE160	30 000	4.0	101.6	26	66.7	33	26.9	70	45	7	5	58	34.5	51	134 000	160 000	200 000	17.5
CE160	"	5.0	127.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	15.4
CE160	"	6.0	152.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	13.8
CE160	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	12.8
CE160	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	12.0
CE160	"	9.0	228.6	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11.3
CE160	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	10.5
CE300	45 000	6.0	152.4	38	88.9	38	28	90	60	10	8	83	47	70	200 000	300 000	340 000	32.0
CE300	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	29.5
CE300	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	27.0
CE300	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	24.5
CE300	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	23.0
CE300/60	60 000	6.0	152.4	38	88.9	38	32	90	60	10	8	84	52	71	267 000	300 000	380 000	32.0
CE300/60	"	7.0	177.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	29.5
CE300/60	"	8.0	203.2	"	"	"	"	"	"	"	"	"	"	"	"	"	"	27.0
CE300/60	"	10.0	254.0	"	"	"	"	"	"	"	"	"	"	"	"	"	"	24.5
CE300/60	"	12.0	304.8	"	"	"	"	"	"	"	"	"	"	"	"	"	"	23.0

Up rated breaking load chain has heat treated side plates.