MERLEY CHAINS (UK) LIMITED

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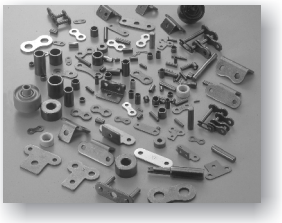
MERLEY CHAINS (UK) LIMITED

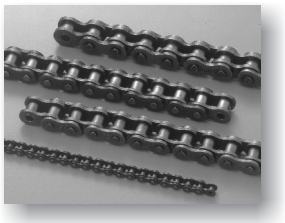
CHAINS AND SPROCKETS FOR DRIVES AND CONVEYORS



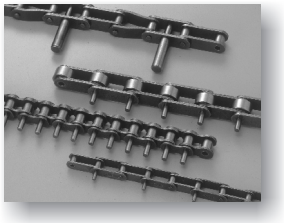
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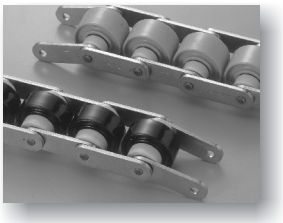
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Please Note: All dimensions in this catalogue are in mm unless otherwise stated

COMPANY COMMITMENT

Merley Chains (UK) Limited started business in 1996. With nearly 20 years of experience in the industry before and since its inception, the staff of the company are committed to providing products of high quality at reasonable prices.

QUALITY

All products sold by Merley Chains (UK) Limited are manufactured in accordance with ISO 9001 or 9002 Quality Assurance procedures. This helps to guarantee consistently high quality engineered products which when combined with our Service Promise provide customers with solutions best suited to their needs.

SERVICE

Merley Chains (UK) Limited is committed to providing a first class service. We keep a wide range of chains & sprockets in stock at our Malvern warehouse ready for immediate distribution throughout the UK & Eire. We also keep spare parts for those special chains requiring attachments enabling supply at short notice if the need arises. New customers without credit facilities are able to pay for products by Credit Card over the telephone. This makes the process of ordering from Merley Chains (UK) Limited a swift and hassle free experience.

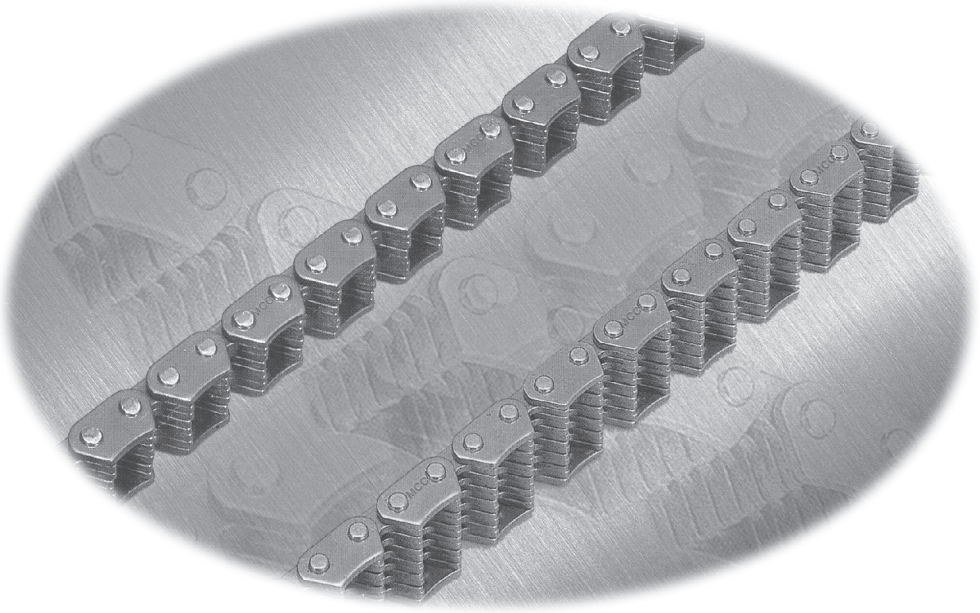
PRODUCT RANGE

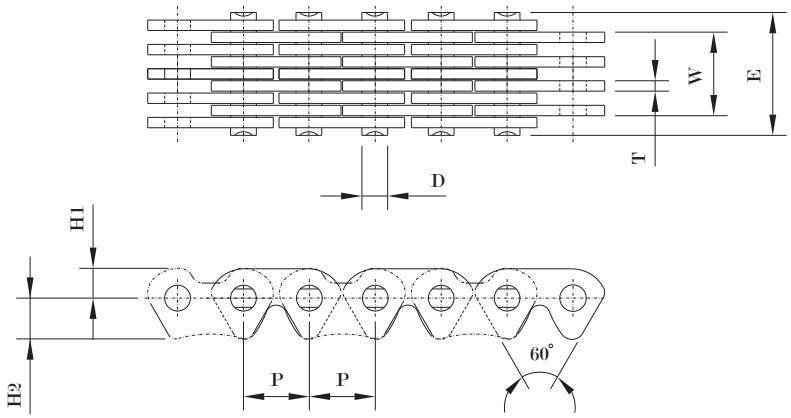
Merley Chains (UK) Limited supplies chains & sprockets for most applications. This catalogue outlines all the standard products offered. The main categories are:

- Roller Chains (for Drive & Conveyor Applications) & Sprockets
- Leaf Chains
- Roller Conveyor Chains & Sprockets
- Forged Link Conveyor Chains & Sprockets

Other chains & sprockets not shown in this catalogue, in particular Conveyor Chains to ANSI standard and chains together with sprockets manufactured to bespoke designs can be supplied. Please ask us to quote - you may be pleasantly surprised!
We look forward to hearing from you soon.

SILENT CHAIN

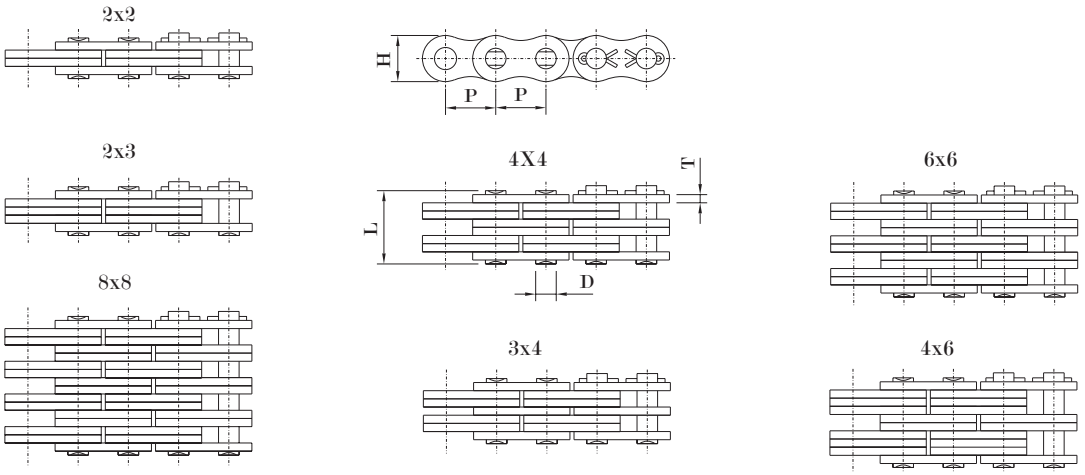




MC CHAIN NO.	Lacing	Pitch P	Width	Pin		Linkplate			Average Ultimate Strength	Fatigue Load	Approx Weight
		mm	W	D	E	H1	H2	T	kgf	kgf	kg/m
SC 0404	2x3	6.35	3.20	2.72	6.0	2.85	3.97	1.0(0.75)	600	110	0.176
SC 0404A	2x3	6.35	3.20	2.52	6.0	2.85	3.97	1.0(0.75)	600	110	0.175
SC 0405	2x3	6.35	3.20	2.72	6.75	2.85	3.97	1.0	600	110	0.20
SC 0409	3x4	6.35	5.20	2.72	8.6	2.85	3.97	1.0	820	140	0.27
SC 0409A	3x4	6.35	5.20	2.72	8.1	2.85	3.97	0.75(1.0)	820	140	0.27
SC 0412	4x5	6.35	7.15	2.72	11.0	2.85	3.97	1.0	1100	190	0.344
SC 0412H	4x4	6.35	7.25	2.72	11.0	2.85	3.97	1.2	1250	250	0.36
SC 0417H	5x6	6.35	11.05	2.72	15.2	2.85	3.97	1.2	1650	275	0.48

LEAF CHAIN

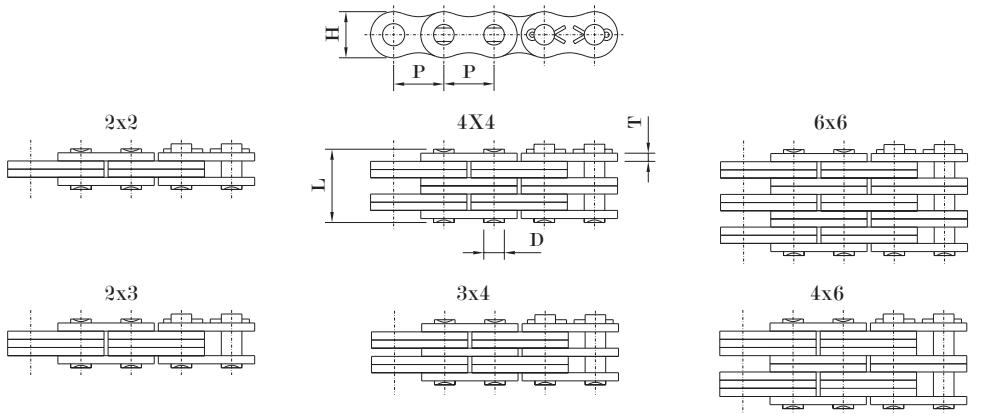
AL - SERIES



MC CHAIN NO.	Lacing	Pitch P		Linkplate		Pin		Average Ultimate Strength kgf	Approx Weight kg/m
				Height	Thickness	Dia	Lengths		
		inch	mm	H	T	D	L		
AL422	2X2	1/2"	12.70	10.20	1.50	3.96	8.05	1800	0.36
AL444	4X4						14.35	3600	0.69
AL466	6X6						20.70	5400	1.05
AL522	2X2	5/8"	15.875	13.00	2.00	5.08	10.60	3100	0.60
AL523	2X3						12.65	3100	0.72
AL544	4X4						19.00	6200	1.15
AL566	6x6						27.40	9300	1.70
AL588	8x8						35.80	12400	2.26
AL622	2x2	3/4"	19.05	15.50	2.35	5.95	12.40	4500	0.79
AL623	2x3						14.85	4500	0.98
AL644	4x4						22.30	9000	1.50
AL646	4x6						27.30	9000	1.90
AL666	6x6						32.25	13500	2.31
AL688	8x8						42.20	18000	3.08
AL822	2x2	1"	25.40	20.40	3.10	7.94	15.65	7800	1.36
AL844	4x4						28.45	15600	4.01
AL866	6x6						41.25	23400	5.36
AL888	8x8						54.05	31200	6.70
AL1022	2x2	1-1/4"	31.75	24.80	3.90	9.52	20.80	12000	2.36
AL1044	4x4						37.20	24000	4.63
AL1066	6x6						53.60	36000	6.90
AL1088	8x8						70.00	48000	9.35
AL1222	2x2	1-1/2"	38.10	30.00	4.70	11.10	24.60	16000	3.40
AL1244	4x4						44.20	32000	6.65
AL1266	6x6						63.80	48000	9.92
AL1444	4x4	1-3/4"	44.45	36.20	5.60	12.70	51.30	41000	10.34
AL1466	6x6						74.55	62000	15.16
AL1644	4x4	2"	50.80	41.40	6.40	14.28	58.05	55000	12.98
AL1666	6x6						84.45	82000	19.41

LEAF CHAIN

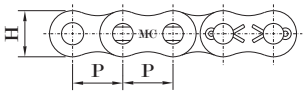
BL - SERIES



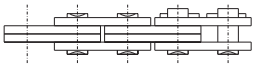
MC CHAIN NO.	ISO/DIN	Lacing	Pitch P		Linkplate		Pin		Average Ultimate Strength kgf	Approx Weight kg/m
					Height	Thickness	Dia	Lengths		
			inch	mm	H	T	D	L		
BL422	LH0822	2x2	1/2"	12.70	12.00	2.00	5.06	10.60	3000	0.69
BL423	LH0823	2x3						12.60	3000	0.77
BL434	LH0834	3x4						16.80	4500	1.07
BL444	LH0844	4x4						18.90	6000	1.19
BL446	LH0846	4x6						23.10	6000	1.48
BL466	LH0866	6x6						27.20	9000	1.80
BL523	LH1023	2x3	5/8"	15.875	14.85	2.40	5.95	15.20	4500	1.13
BL534	LH1034	3x4						20.10	6800	1.56
BL544	LH1044	4x4						22.65	9000	1.78
BL546	LH1046	4x6						27.50	9000	2.22
BL566	LH1066	6x6						32.50	13500	2.74
BL623	LH1223	2x3	3/4"	19.05	17.90	3.15	7.94	19.35	7000	1.82
BL634	LH1234	3x4						25.95	10500	2.52
BL644	LH1244	4x4						29.50	14000	2.87
BL646	LH1246	4x6						36.00	14000	3.57
BL666	LH1266	6x6						42.35	21000	4.27
BL822	LH1622	2x2	1"	25.40	24.00	3.90	9.52	20.65	12000	2.30
BL823	LH1623	2x3						24.85	12000	3.15
BL834	LH1634	3x4						33.18	18000	4.37
BL844	LH1644	4x4						37.36	24000	4.98
BL846	LH1646	4x6						45.72	24000	6.20
BL866	LH1666	6x6						54.05	36000	7.50
BL1023	LH2023	2x3	1-1/4"	31.75	30.10	4.70	11.10	29.70	16000	3.85
BL1034	LH2034	3x4						39.50	24000	5.84
BL1044	LH2044	4x4						44.40	32000	7.20
BL1046	LH2046	4x6						54.20	32000	8.24
BL1066	LH2066	6x6						64.00	48000	10.63
BL1222	LH2422	2x2	1-1/2"	38.10	35.00	5.60	12.70	28.04	20500	4.83
BL1223	LH2423	2x3						33.90	20500	6.54
BL1234	LH2434	3x4						45.50	30750	9.10
BL1244	LH2444	4x4						51.30	41000	10.39
BL1246	LH2446	4x6						62.95	41000	12.01
BL1266	LH2466	6x6						74.57	61500	14.58

LEAF CHAIN

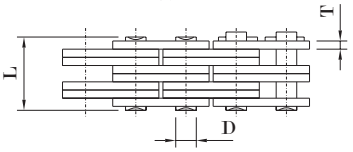
EL - SERIES (BS/DIN)



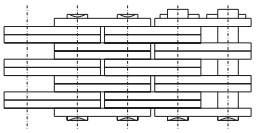
2x2



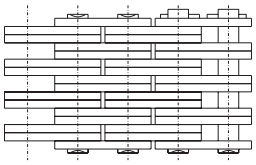
4x4



6x6



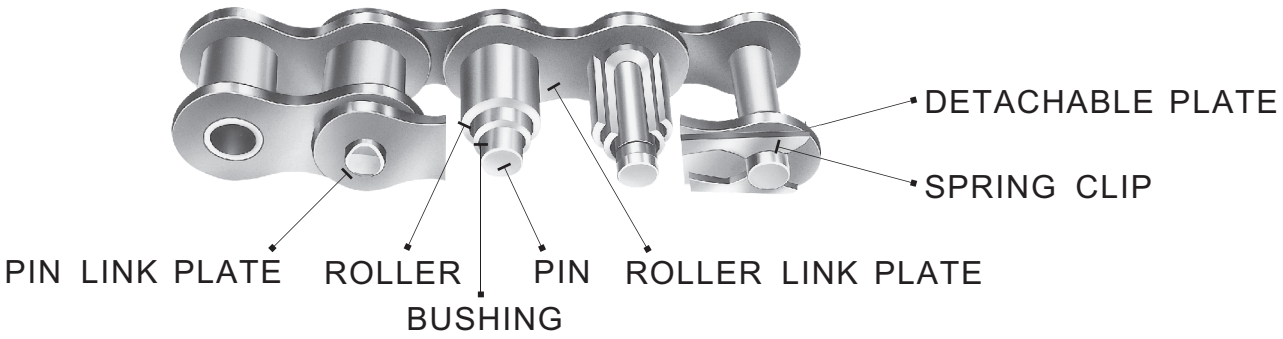
8x8



MC CHAIN NO.	BS/DIN	Lacing	Pitch		Linkplate		Pin		Average Ultimate Strength kgf	Approx Weight kg/m
			P		Height	Thickness	Dia	Lengths		
			inch	mm	H	T	D	L		
EL422	LL0822	2x2	1/2"	12.70	10.20	1.50	4.44	8.25	1850	0.36
EL444	LL0844	4x4						14.50	3700	0.69
EL466	LL0866	6x6						20.75	5550	1.05
EL522	LL1022	2x2	5/8"	15.875	13.00	1.65	5.06	9.00	2600	0.50
EL544	LL1044	4x4						15.90	5200	1.00
EL566	LL1066	6x6						22.77	8000	1.48
EL588	LL1088	8x8						29.60	10600	1.95
EL622	LL1222	2x2	3/4"	19.05	16.00	1.80	5.67	10.10	3300	0.74
EL644	LL1244	4x4						17.70	6600	1.45
EL666	LL1266	6x6						25.30	9900	2.16
EL822	LL1622	2x2	1"	25.40	20.80	3.20	8.27	16.65	8000	1.57
EL844	LL1644	4x4						30.05	16000	3.09
EL866	LL1666	6x6						43.10	24000	4.60
EL1022	LL2022	2x2	1-1/4"	31.75	26.00	3.50	10.18	19.05	10700	2.01
EL1044	LL2044	4x4						33.65	21400	3.93
EL1066	LL2066	6x6						48.25	32100	5.86
EL1088	LL2088	8x8						62.85	42800	8.20
EL1222	LL2422	2x2	1-1/2"	38.10	33.00	5.20	14.62	26.15	17800	4.18
EL1244	LL2444	4x4						47.95	35700	8.48
EL1266	LL2466	6x6						69.75	53500	12.2
EL1288	LL2488	8x8						91.55	71400	16.0

ROLLER CHAINS

CONSTRUCTION AND COMPONENT PARTS



Components

▶ Pin Link



Riveted-Type

PIN LINK
Consists of two pins and two pin link plates. The pins are press fitted to both plates and riveted after assembly.



Cotter-Type

PIN LINK (Cotter pin type)
Consists of two pins and two pin link plates. The pins are press fitted to both plates. One end of each pin is riveted and the other end is supplied with cotters.

▶ Roller Link



ROLLER LINK
Consists of two bushings press fitted to each of the link plates and two rollers. Just enough clearance is provided for the rollers to turn freely over the bushings. The same roller links are used for both single and multiple strand chains.

Connecting Link

▶ Cotter Pin Type



CONNECTING LINK
(Cotter pin type)
For chains of 3/4" pitch and larger. Similar to the pin link except that the detachable plate is slip-fitted to the pins and retained by cotter pins.

▶ Spring clip type



CONNECTING LINK
(Spring clip type)
For chains of 3/4 pitch and smaller. Similar to the pin link, execept that the detachable plate is slip-fitted to the pins and retained by a spring clip.

Offset Link

▶ Single-Pitch Offset Link



SINGLE-PITCH OFFSET LINK
Consists of two offset link plates, one special pin, one bushing and one roller. The pin is slip-fitted and retained by a cotter pin.

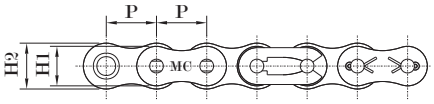
▶ Two-Pitch Offset Link

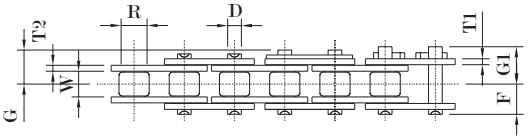


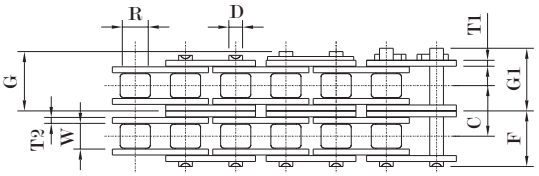
TWO-PITCH OFFSET LINK
(Assembly press fit type for single chain only)
Consists of a single pitch offset link and a roller link assembled together and riveted. The pin is press fitted to the offset link plated.

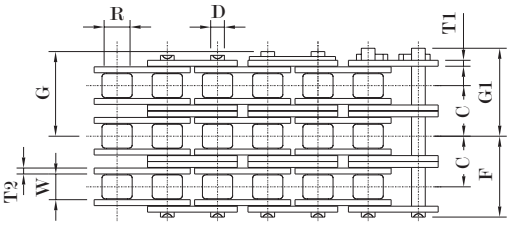
ROLLER CHAINS

ANSI STANDARD ROLLER CHAIN









CHAIN NO.	Pitch x Width P x W		Roller Dia.	Links					Pin			Transverse Pitch	Average UTS	Approx. Weight
				Height		Thickness		Dia.		Lengths				
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	C	kgf	kg / M
25-1	1/4 x 1/8	6.35 x 3.18	3.30	5.00	5.80	0.75	0.75	2.30	3.80	4.80	N/A	N/A	400	0.14
25-2									7.03	8.02	N/A	6.3	900	0.26
25-3									10.2	11.2	N/A	6.3	1350	0.40
35-1	3/8 x 3/16	9.525 x 4.80	5.08	7.60	9.00	1.20	1.20	3.59	5.80	7.00	7.60	N/A	1050	0.33
35-2									10.80	12.00	12.70	10.1	2050	0.69
35-3									15.90	17.10	17.40	10.1	3100	1.05
40-1	1/2 x 5/16	12.70 x 7.95	7.92	10.20	11.80	1.50	1.50	3.96	8.20	9.35	10.00	N/A	1850	0.63
40-2									15.30	17.00	17.60	14.40	3600	1.19
40-3									22.65	23.80	24.55	14.40	5400	1.77
50-1	5/8 x 3/8	15.875 x 9.53	10.16	13.00	14.80	2.00	2.00	5.06	10.10	11.65	12.60	N/A	3100	1.01
50-2									19.20	20.70	21.10	18.10	6200	2.04
50-3									28.30	29.65	30.20	18.10	9300	3.05
60-1	3/4 x 1/2	19.05 x 12.70	11.91	15.50	17.50	2.40	2.40	5.95	12.50	14.15	15.40	N/A	4400	1.44
60-2									24.00	25.50	26.90	22.80	8800	3.03
60-3									35.35	36.95	37.65	22.80	13200	4.50
80-1	1.0 x 5/8	25.40 x 15.88	15.88	20.40	23.90	3.10	3.10	7.94	16.10	17.75	18.80	N/A	8000	2.40
80-2									30.60	32.20	33.60	29.30	16000	5.26
80-3									45.30	47.00	48.00	29.30	24000	7.80
100-1	11/4 x 3/4	31.75 x 19.05	19.05	24.80	28.90	3.90	3.90	9.52	20.10	N/A	23.10	N/A	12000	3.74
100-2									38.00	N/A	41.00	35.80	24000	7.51
100-3									55.90	N/A	58.90	35.80	36000	11.20
120-1	11/2 x 1.0	38.10 x 25.4	22.23	30.00	35.00	4.70	4.70	11.10	25.20	N/A	28.60	N/A	17000	6.18
120-2									47.90	N/A	51.30	45.40	34000	12.25
120-3									70.60	N/A	74.00	45.40	51000	18.30
140-1	13/4 x 1.0	44.45 x 25.4	25.40	36.20	42.00	5.60	5.60	12.70	27.30	N/A	31.50	N/A	21500	7.49
140-2									51.75	N/A	55.75	48.90	43000	14.83
140-3									76.20	N/A	80.40	48.90	64500	22.20
160-1	2.0 x 11/4	50.8 x 31.75	28.58	41.40	48.00	6.40	6.40	14.28	32.55	N/A	37.25	N/A	27500	10.10
160-2									61.80	N/A	66.50	58.50	55000	20.04
160-3									91.05	N/A	95.75	58.50	82500	30.02

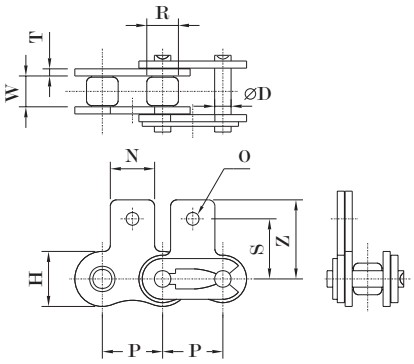
Larger pitch chains are available upon request

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

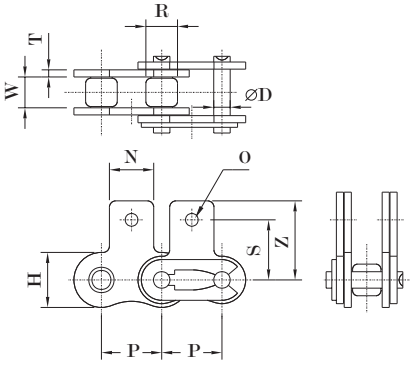
ROLLER CHAINS

ANSI STANDARD ROLLER CHAIN ATTACHMENTS

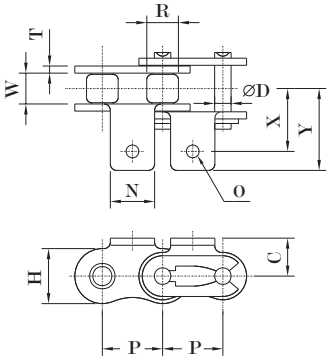
SA1



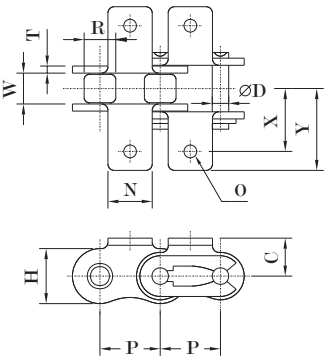
SK1



A1



K1



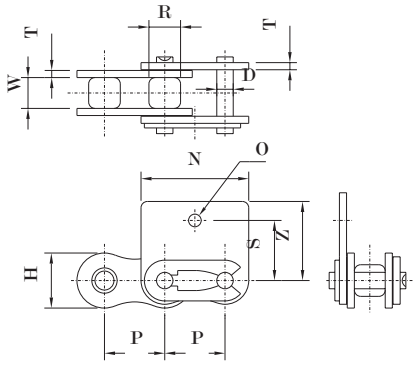
MC CHAIN NO.	Pitch x Width		Roller	Links		Pin	Attachment								Average Ultimate Strength
	P x W		Dia	Height	Thickness	Dia			A-1,K-1			SA-1,SK-1			
	inch	mm	R	H	T	D	N	O	C	X	Y	S	Z		kgf
35	3/8"x3/16"	9.525x4.78	5.08	9.00	1.20	3.59	7.90	2.60 3.30	6.35	9.50	14.30	9.50	14.55		1050
40	1/2"x5/16"	12.70x7.95	7.92	11.80	1.50	3.96	9.50	3.60	8.00	12.70	17.80	12.70	17.40		1850
50	5/8"x3/8"	15.875x9.53	10.16	14.80	2.00	5.06	12.70	5.10	10.30	15.90	23.40	15.90	23.05		3100
60	3/4"x1/2"	19.05x12.70	11.91	17.50	2.40	5.95	15.90	5.10	11.90	19.05	28.20	18.30	26.85		4400
80	1"x5/8"	25.40x15.88	15.88	23.90	3.10	7.94	19.10	6.80	15.90	25.40	36.60	24.60	35.45		8000
100	1-1/4"x3/4"	31.75x19.05	19.05	28.90	3.90	9.52	25.40	8.70	19.80	31.75	44.90	31.80	44.00		12000

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

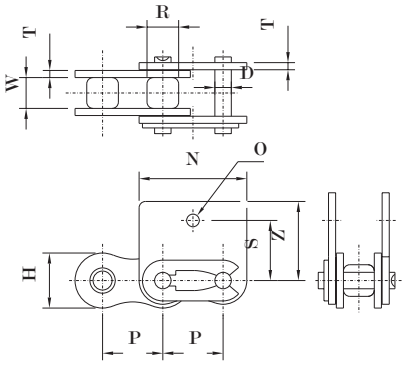
ROLLER CHAINS

ANSI STANDARD ROLLER CHAIN ATTACHMENTS

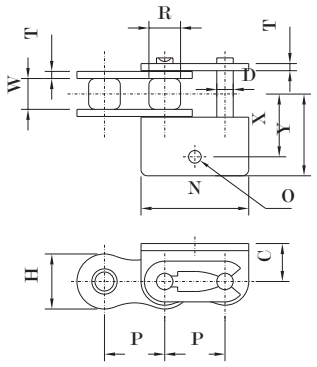
WSA1



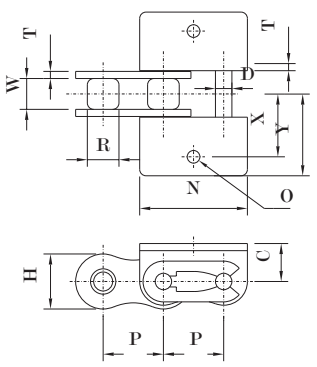
WSK1



WA1



WK1



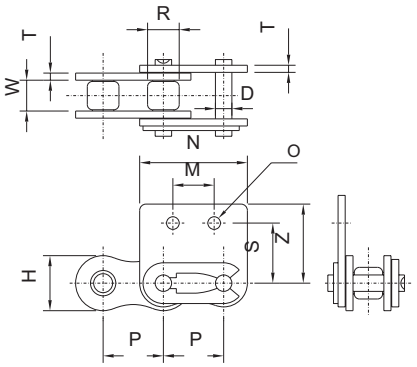
MC CHAIN NO.	Pitch x Width		Roller	Links		Pin	Attachment								Average Ultimate Strength
	P x W		Dia	Height	Thickness	Dia				WA-1,WK-1			WSA-1,WSK-1		
	inch	mm	R	H	T	D	N	O		C	X	Y	S	Z	kgf
35	3/8"x3/16"	9.525x4.78	5.08	9.00	1.20	3.59	17.10	3.30		6.35	9.50	14.30	9.50	13.80	1050
40	1/2"x5/16"	12.70x7.95	7.92	11.80	1.50	3.96	22.90	3.30	4.50	8.00	12.70	17.80	12.70	17.40	1850
50	5/8"x3/8"	15.875x9.53	10.16	14.80	2.00	5.06	28.70	5.10	5.50	10.30	15.90	23.40	15.90	23.05	3100
60	3/4"x1/2"	19.05x12.70	11.91	17.50	2.40	5.95	34.60	6.60		11.90	19.05	28.20	18.30	26.85	4400
80	1"x5/8"	25.40x15.88	15.88	23.90	3.10	7.94	45.70	6.80	9.00	15.90	25.40	36.60	24.60	35.45	8000

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

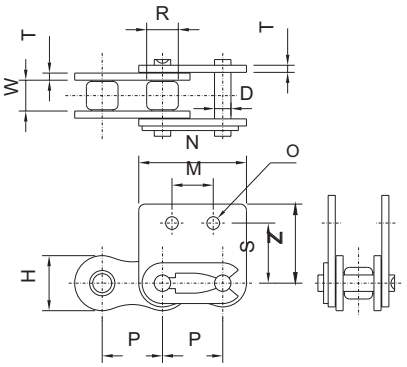
ROLLER CHAINS

ANSI STANDARD ROLLER CHAIN ATTACHMENTS

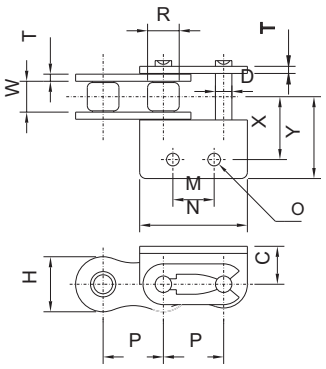
WSA2



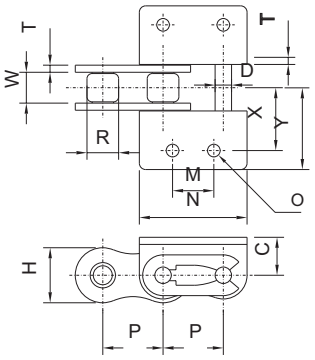
WSK2



WA2



WK2



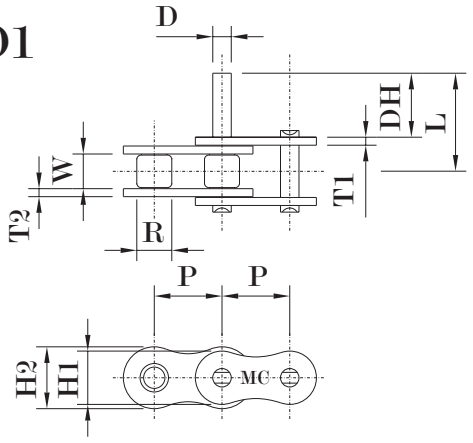
MC CHAIN NO.	Pitch x Width		Roller	Links		Pin	Attachment									Average Ultimate Strength
	P x W		Dia	Height	Thickness	Dia					WA-2,WK-2			WSA-2,WSK-2		
	inch	mm	R	H	T	D	M	N	O		C	X	Y	S	Z	kgf
35	3/8"x3/16"	9.525x4.78	5.08	9.00	1.20	3.59	9.50	17.10	3.30		6.35	9.50	14.30	9.50	13.80	1050
40	1/2"x5/16"	12.70x7.95	7.92	11.80	1.50	3.96	9.50	22.90	3.30	4.50	8.00	12.70	17.80	12.70	17.60	1850
50	5/8"x3/8"	15.875x9.53	10.16	14.80	2.00	5.06	11.90	28.70	5.10	5.50	10.30	15.90	23.40	15.90	23.05	3100
60	3/4"x1/2"	19.05x12.70	11.91	17.50	2.40	5.95	14.30	34.60	5.10	6.60	11.90	19.05	28.20	18.30	26.85	4400
80	1"x5/8"	25.40x15.88	15.88	23.90	3.10	7.94	19.10	45.70	6.80	9.00	15.90	25.40	36.60	24.60	35.45	8000

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

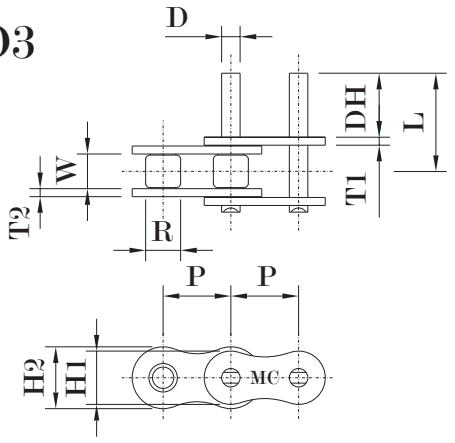
ROLLER CHAINS

ANSI STANDARD ROLLER CHAIN ATTACHMENTS

D1



D3



MC CHAIN NO.	Pitch x Width		Roller	Links				Pin			Average Ultimate Strength
	P x W		Dia	Height		Thickness		Dia	Lenghts		
	inch	mm	R	H1	H2	T1	T2	D	DH	L	kgf
*35	3/8"x3/16"	9.525x4.78	5.08	7.60	9.00	1.20	1.20	3.59	9.52	14.52	1050
40	1/2"x5/16"	12.70x7.95	7.92	10.20	11.80	1.50	1.50	3.96	9.52	16.72	1850
41	1/2"x1/4"	12.70x6.35	7.77	8.50	9.70	1.20	1.20	3.58	9.52	15.40	1200
50	5/8"x3/8"	15.875x9.53	10.16	13.00	14.80	2.00	2.00	5.06	11.91	20.96	3100
60	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	2.40	2.40	5.95	14.27	25.60	4400
80	1"x5/8"	25.40x15.88	15.88	20.40	23.90	3.10	3.10	7.94	19.05	33.48	8000
100	1-1/4"x3/4"	31.75x19.05	19.05	24.80	28.90	3.90	3.90	9.52	23.83	41.83	12000
120	1-1/2"x1"	38.10x25.40	22.23	30.00	35.00	4.70	4.70	11.10	28.60	51.25	17000
140	1-3/4"x1"	44.45x25.40	25.40	36.20	42.00	5.60	5.60	12.70	33.30	57.70	21500
160	2"x1-1/4"	50.80x31.75	28.58	41.40	48.00	6.40	6.40	14.28	38.10	67.35	27500

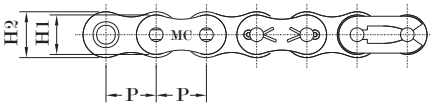
*** Rollerless chain, R indicates bush diameter.**

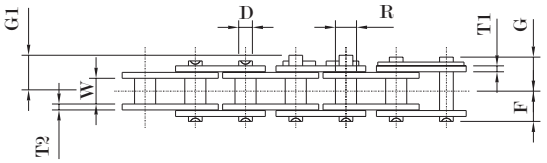
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

OTHER ANSI STANDARD ROLLER & ROLLERLESS CHAIN

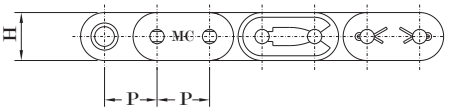
ROLLERLESS CHAIN

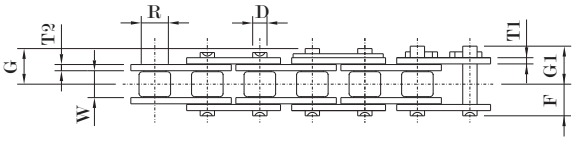




MC CHAIN NO.	Pitch x Width		Bush	Links				Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths				
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	kgf	kg/m
45-1	1/2"x5/16"	12.70x7.95	5.60	10.20	11.80	1.50	1.50	3.96	8.20	9.35	10.10	1850	0.53
55-1	5/8"x3/8"	15.875x9.53	7.00	13.00	14.80	2.00	2.00	5.06	10.10	11.65	12.60	3100	0.83
65-1	3/4"x1/2"	19.05x12.70	8.10	15.50	17.50	2.40	2.40	5.95	12.50	14.15	15.40	4400	1.20
85-1	1"x5/8"	25.40x15.88	11.30	20.40	23.90	3.10	3.10	7.94	16.10	17.75	18.80	8000	2.20
105-1	1-1/4"x3/4"	31.75x19.05	13.45	24.80	28.90	3.90	3.90	9.52	20.10	---	23.10	12000	3.30
125-1	1-1/2"x1"	38.10x25.40	15.85	30.00	35.00	4.70	4.70	11.10	25.20	---	28.60	17000	4.82
145-1	1-3/4"x1"	44.45x25.40	18.00	36.20	42.00	5.60	5.60	12.70	27.30	---	31.50	21500	7.35
165-1	2"x1-1/4"	50.80x31.75	20.15	41.40	48.00	6.40	6.40	14.28	32.55	---	37.25	27500	9.42

STRAIGHT LINK PLATE ROLLER CHAIN





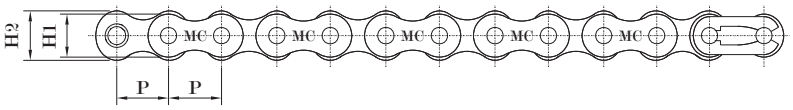
MC CHAIN NO.	Pitch x Width		Roller	Links			Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height	Thickness		Dia	Lengths				
	inch	mm	R	H	T1	T2	D	F	G	G1	kgf	kg/m
40F	1/2"x5/16"	12.70x7.95	7.92	12.00	1.50	1.50	3.96	8.20	9.35	---	1850	0.65
50F	5/8"x3/8"	15.875x9.53	10.16	15.00	2.00	2.00	5.06	10.10	11.65	---	3100	1.03
60F	3/4"x1/2"	19.05x12.70	11.91	18.10	2.40	2.40	5.95	12.50	14.15	---	4400	1.46
80F	1"x5/8"	25.40x15.88	15.88	24.00	3.10	3.10	7.94	16.10	17.75	---	8000	2.44
100F	1-1/4"x3/4"	31.75x19.05	19.05	28.90	3.90	3.90	9.52	20.10	---	23.10	12000	4.31

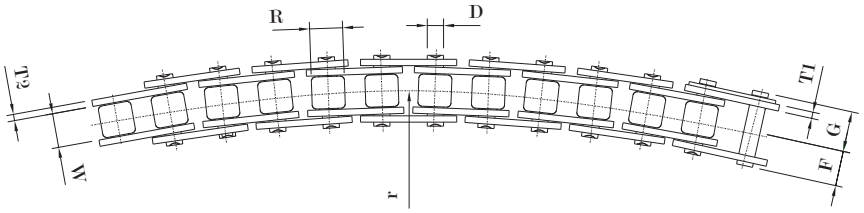
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

OTHER ANSI STANDARD ROLLER & ROLLERLESS CHAIN

SIDE BOW ROLLER CHAIN

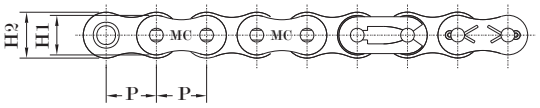


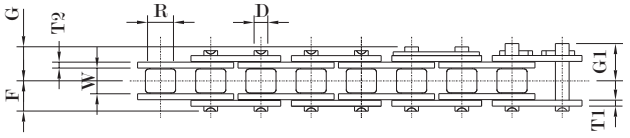


MC CHAIN NO.	Pitch x Width		Roller	Links				Pin			Minimun Radius Of Sideway	Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths				
	inch	mm	R	H1	H2	T1	T2	D	F	G	Curvature r	kgf	kg/m
*35SB	3/8"x3/16"	9.525x4.80	5.08	7.60	9.00	1.20	1.20	3.28	5.80	7.00	254	900	0.32
40SB	1/2"x5/16"	12.70x7.95	7.95	10.20	12.00	1.50	1.50	3.86	8.10	9.10	350	1600	0.60
C2040SB	1"x5/16"	25.40x7.95	7.95	12.00	12.00	1.50	1.50	3.86	8.10	9.10	700	1600	0.49

* Roller chain, R indicates bushing diameter.

NICKEL PLATED ROLLER CHAIN





MC CHAIN NO.	Pitch x Width		Roller	Links				Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths				
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	kgf	kg/m
*25NP	1/4"x1/8"	6.35x3.18	3.30	5.00	5.80	0.75	0.75	2.30	3.80	4.80	---	450	0.14
*35NP	3/8"x3/16"	9.525x4.78	5.08	7.60	9.00	1.20	1.20	3.59	5.80	7.00	7.60	1050	0.33
41NP	1/2"x1/4"	12.70x6.35	7.77	8.50	9.70	1.20	1.20	3.58	6.60	7.95	8.50	1200	0.41
40NP	1/2"x5/16"	12.70x7.95	7.92	10.20	11.80	1.50	1.50	3.96	8.20	9.35	10.10	1850	0.63
50NP	5/8"x3/8"	15.875x9.53	10.16	13.00	14.80	2.00	2.00	5.06	10.10	11.65	12.60	3100	1.01
60NP	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	2.40	2.40	5.95	12.50	14.15	15.40	4400	1.44
80NP	1"x5/8"	25.40x15.88	15.88	20.40	23.90	3.10	3.10	7.94	16.10	17.75	18.80	8000	2.40
100NP	1-1/4"x3/4"	31.75x19.05	19.05	24.80	28.90	3.90	3.90	9.52	20.10	---	23.10	12000	3.74
120NP	1-1/2"x1"	38.10x25.40	22.23	30.00	35.00	4.70	4.70	11.10	25.20	---	28.60	17000	6.18
140NP	1-3/4"x1"	44.45x25.40	25.40	36.20	42.00	5.60	5.60	12.70	27.30	---	31.50	21500	7.35
160NP	2"x1-1/4"	50.80x31.75	28.58	41.40	48.00	6.40	6.40	14.28	32.55	---	37.25	27500	9.42

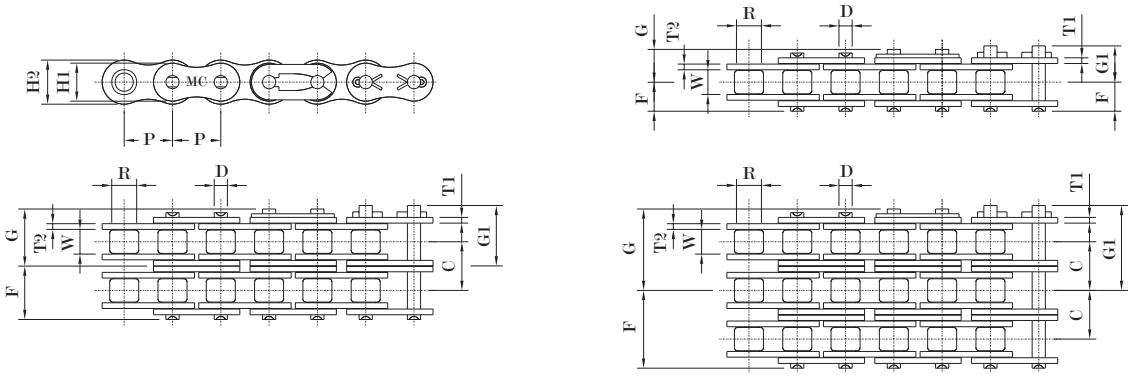
Others specification are also available.

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

ANSI HEAVY DUTY ROLLER CHAIN

HEAVY DUTY CHAIN



MC CHAIN NO. (ANSI)	Pitch x Width		Roller	Links				Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths				
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	kgf	kg/m
25H	1/4"x1/8"	6.35x3.18	3.30	5.00	5.80	1.00	1.00	2.30	4.50	5.10	---	560	0.16
415H	1/2"x3/16"	12.70x4.76	7.77	10.20	11.80	1.50	1.50	3.96	6.40	7.80	---	1850	0.50
420H	1/2"x3/16"	12.70x4.76	7.77	10.20	11.80	1.80	1.80	3.96	8.10	8.95	---	1900	0.65
428H	1/2"x5/16"	12.70x7.94	8.50	11.20	12.20	1.80	1.80	4.44	8.90	10.20	---	2300	0.79
428SH	1/2"x5/16"	12.70x7.94	8.50	11.20	12.20	2.00	2.00	4.44	9.30	10.70	---	2400	0.85
50H	5/8"x3/8"	15.875x9.53	10.16	13.00	14.80	2.40	2.40	5.06	10.90	12.40	12.90	3300	1.12
520H	5/8"x1/4"	15.875x6.35	10.16	13.00	14.80	2.40	2.40	5.06	9.30	10.90	---	3300	1.00
525H	5/8"x5/16"	15.875x7.95	10.16	13.00	14.80	2.40	2.40	5.08	10.00	11.60	---	3300	1.05
60H	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	3.10	3.10	5.95	14.10	15.70	16.60	5300	1.81
80H	1"x5/8"	25.40x15.88	15.88	20.80	24.00	3.90	3.90	7.94	17.90	19.40	20.80	9200	2.95
100H	1-1/4"x3/4"	31.75x19.05	19.05	24.80	28.90	4.70	4.70	9.52	21.70	---	24.90	13500	4.45
120H	1-1/2"x3/4"	38.10x25.40	22.23	30.00	35.00	5.60	5.60	11.10	26.98	---	30.57	17000	6.15

MC CHAIN NO. (ANSI)	Pitch x Width		Roller	Links				Pin				Transverse Pitch	Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths					
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	C	kgf	kg/m
60H-2	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	3.10	3.10	5.95	27.20	28.80	29.70	26.11	10600	3.57
60H-2CP	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	3.10	3.10	5.95	27.20	---	29.70	26.11	10600	3.68
80H-2	1"x5/8"	25.40x15.88	15.88	20.80	24.00	3.90	3.90	7.94	34.20	35.70	37.10	32.59	18400	5.85
80H-2CP	1"x5/8"	25.40x15.88	15.88	20.80	24.00	3.90	3.90	7.94	34.20	---	37.10	32.59	18400	5.92
100H-2	1-1/4"x3/4"	31.75x19.05	19.05	24.80	28.90	4.70	4.70	9.52	41.25	---	44.45	39.09	27000	8.34
100H-2CP	1-1/4"x3/4"	31.75x19.05	19.05	24.80	28.90	4.70	4.70	9.52	41.25	---	44.45	39.09	27000	8.79

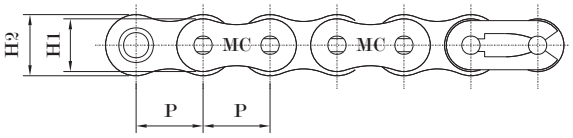
MC CHAIN NO. (ANSI)	Pitch x Width		Roller	Links				Pin				Transverse Pitch	Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths					
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	C	kgf	kg/m
60H-3	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	3.10	3.10	5.95	40.20	41.80	42.70	26.11	15900	5.16
60H-3CP	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	3.10	3.10	5.95	40.20	---	42.70	26.11	15900	5.20
80H-3	1"x5/8"	25.40x15.88	15.88	20.80	24.00	3.90	3.90	7.94	50.50	52.00	53.40	32.59	27600	8.32
80H-3CP	1"x5/8"	25.40x15.88	15.88	20.80	24.00	3.90	3.90	7.94	50.50	---	53.40	32.59	27600	8.41
100H-3	1-1/4"x3/4"	31.75x19.05	19.05	24.80	28.90	4.70	4.70	9.52	60.80	---	64.00	39.09	40500	12.72
100H-3CP	1-1/4"x3/4"	31.75x19.05	19.05	24.80	28.90	4.70	4.70	9.52	60.80	---	64.00	39.09	40500	12.72

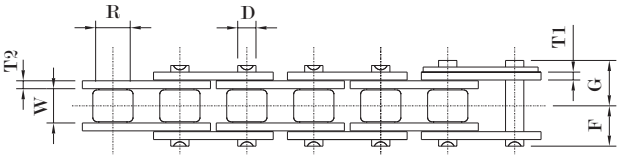
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

ANSI & BS STANDARD STAINLESS STEEL ROLLER CHAIN

ANSI STAINLESS STEEL SUS 304 CHAIN

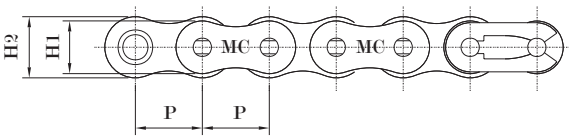


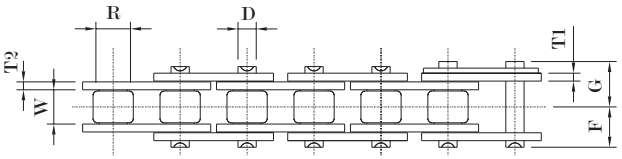


MC CHAIN NO.	Pitch x Width P x W		Roller Dia	Links				Pin				Approx Weight
				Height		Thickness		Dia	Lengths			
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	kg/m
35SS	3/8"x3/16"	9.525x4.78	5.08	7.60	9.00	1.20	1.20	3.59	5.80	7.00	7.60	0.33
40SS	1/2"x5/16"	12.70x7.95	7.92	10.20	11.80	1.50	1.50	3.96	8.25	9.30	10.00	0.63
50SS	5/8"x3/8"	15.875x9.53	10.16	13.00	14.80	2.00	2.00	5.06	10.10	11.65	12.60	1.01
60SS	3/4"x1/2"	19.05x12.70	11.91	15.50	17.50	2.40	2.40	5.95	12.50	14.15	15.40	1.44
80SS	1"x5/8"	25.40x15.88	15.88	20.40	23.90	3.10	3.10	7.94	16.10	17.75	18.80	2.52
C2040SS	1"x5/16"	25.40x7.95	7.92	11.70	11.70	1.50	1.50	3.96	8.25	9.30	10.00	0.50
C2042SS	1"x5/16"	25.40x7.95	15.88	11.70	11.70	1.50	1.50	3.96	8.25	9.30	10.00	1.20
A2040SS	1"x5/16"	25.40x7.95	7.92	11.70	11.70	1.50	1.50	3.96	8.25	9.30	10.00	0.40
C2050SS	1-1/4"x3/8"	31.75x9.53	10.16	14.60	14.60	2.00	2.00	5.06	10.10	11.65	12.60	0.84
C2052SS	1-1/4"x3/8"	31.75x9.53	19.05	14.60	14.60	2.00	2.00	5.06	10.10	11.65	12.60	1.26
A2050SS	1-1/4"x3/8"	31.75x9.53	10.16	14.60	14.60	2.00	2.00	5.06	10.10	11.65	12.60	0.66
C2060SS	1-1/2"x1/2"	38.10x12.70	11.91	17.10	17.10	2.40	2.40	5.95	12.50	14.15	15.40	1.10
C2060HSS	1-1/2"x1/2"	38.10x12.70	11.91	17.10	17.10	3.10	3.10	5.95	14.10	15.70	16.60	1.37
C2062HSS	1-1/2"x1/2"	38.10x12.70	22.23	17.10	17.10	3.10	3.10	5.95	14.10	15.70	16.60	2.05
C2080HSS	2"x5/8"	50.80x15.88	15.88	23.00	23.00	3.90	3.90	7.94	17.90	19.40	20.80	2.41
C2082HSS	2"x5/8"	50.80x15.88	28.58	23.00	23.00	3.90	3.90	7.94	17.90	19.40	20.80	3.37

* Rollerless chain, R indicates bushing diameter

BS/DIN STAINLESS STEEL SUS 304 CHAIN





MC CHAIN NO.	Pitch x Width P x W		Roller Dia	Links				Pin			Max Allowable Load	Approx Weight
				Height		Thickness		Dia	Lengths			
	inch	mm	R	H1	H2	T1	T2	D	F	G	kgf	kg/m
06BSS	0.375"x0.225"	9.525x5.72	6.35	8.10	8.10	1.00	1.25	3.28	6.10	7.40	27	0.39
08BSS	0.5"x0.305"	12.70x7.75	8.51	10.20	11.80	1.50	1.50	4.44	8.20	9.50	45	0.65
10BSS	0.625"x0.38"	15.875x9.65	10.16	13.00	14.60	1.65	1.65	5.06	9.60	11.10	70	0.92
12BSS	0.75"x0.46"	19.05x11.68	12.07	16.00	16.00	1.80	1.80	5.67	11.10	12.60	110	1.24

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

MEGA CHAIN

Are You Satisfied With Your Current Stainless-steel Chain?

- Does your current SS Chain had a problem with insufficient tensile strength?
- Does your current SS Chain have an elongation problem and easily extend?
- Does your current SS Chain have a good Fatigue Performance?

Standard Stainless-steel Chain Weakness

◆ Shear Stress on Pin ◆ Efficiency Friction Area



Please Consider the new design of the next generation...

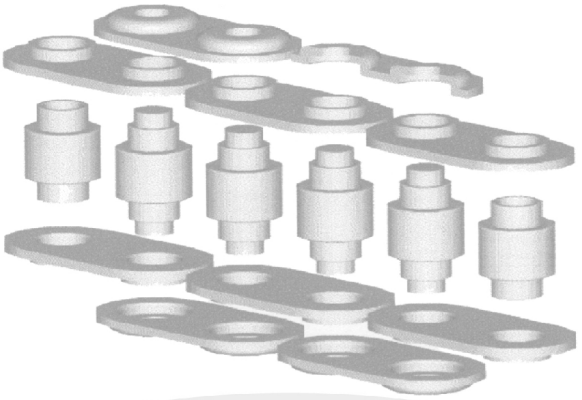
MEGA-CHAIN

∗ Helps to extend the life span of machinery.
∗ Reduce the maintenance time and increase the production efficiency.

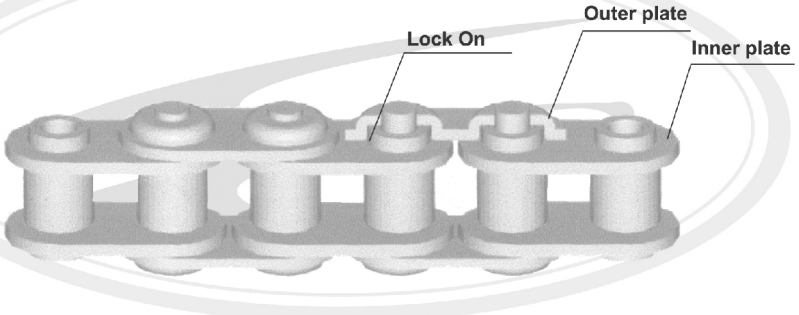
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

MEGA CHAIN

● MEGA-CHAIN DETAIL DRAWING :

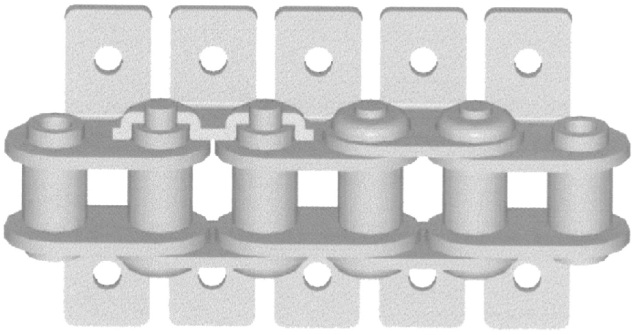


● MEGA-CHAIN DRAWING :



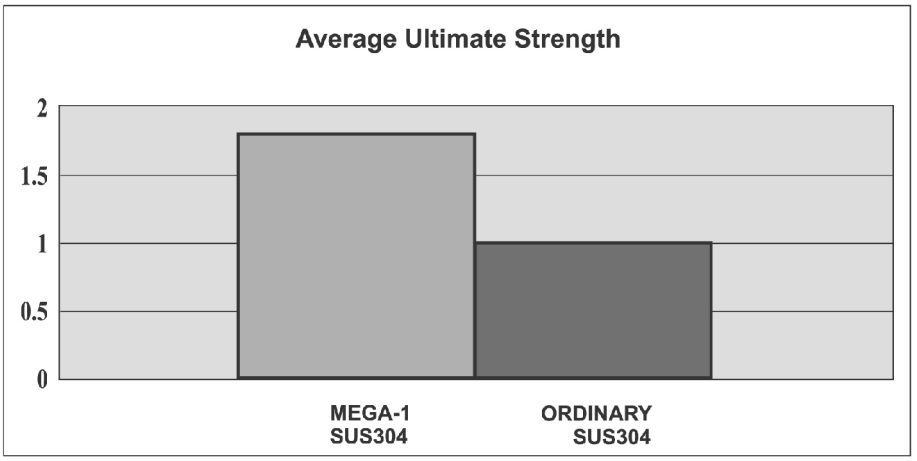
■ The structure of outer & inner plate which lock on to each other will increase the tensile strength. Due to the "lock on" between outer plate and inner plate the shear stress is divided especially with heavy loads or in tough environments.

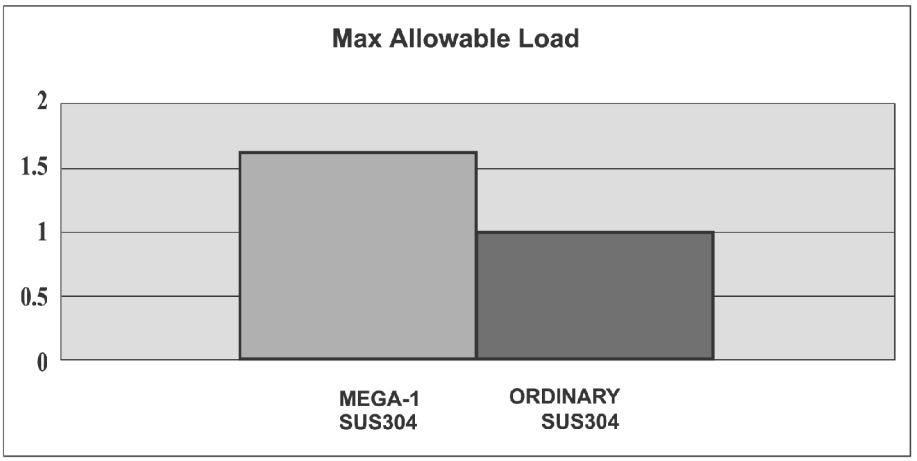
● MEGA ATTACHMENT DRAWING :

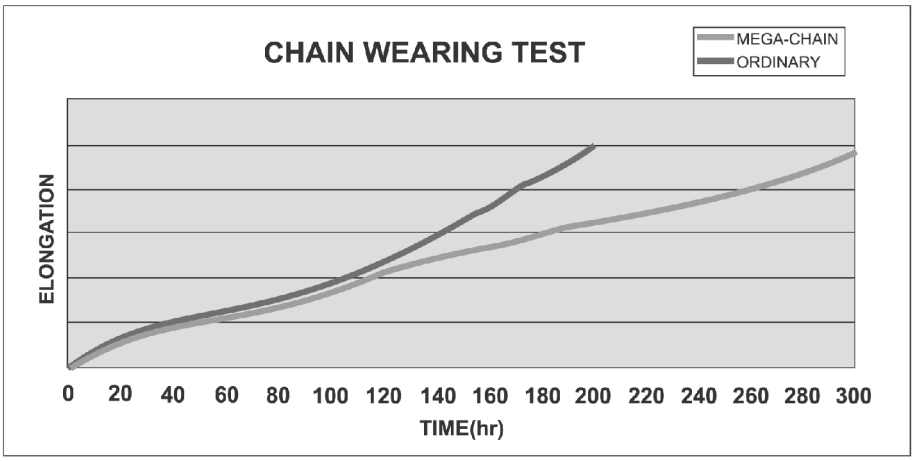


N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

MEGA CHAIN





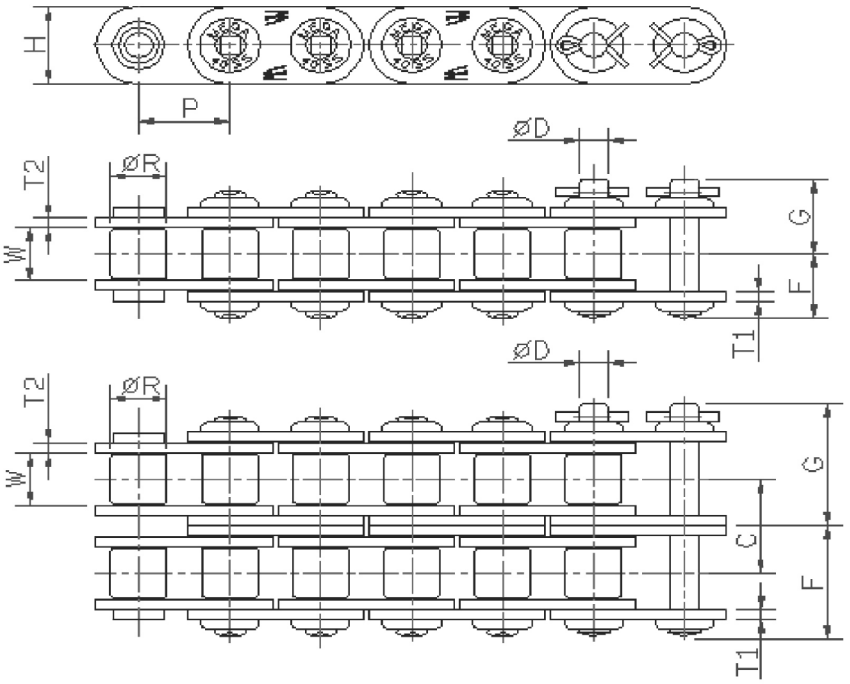


N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

ANSI ENHANCED STRENGTH MEGA STAINLESS STEEL ROLLER CHAIN

MEGA CHAIN



Dimensions : mm

MEGA CHAIN NO.	Pitch x Width		Roller	Links			Pin			Transversc Pitch	Average Ultimate Strength	Max Allowable Load
	P x W		Dia	Height	Thickness		Dia	Lengths				
	Inch	mm	R	H	T1	T2	D	F	G	C	kgf	Kgf
40SS-1	1/2"x5/16"	12.7x7.95	7.92	12	1.5	1.5	3.96	9.85	11.55	---	1800	70
40SS-2	1/2"x5/16"	12.7x7.95	7.92	12	1.5	1.5	3.96	9.85	18.75	14.4	3000	110
50SS-1	5/8"x3/8"	15.875x9.53	10.16	15	2.0	2.0	5.06	12.15	14.25	---	3200	120
50SS-2	5/8"x3/8"	15.875x9.53	10.16	15	2.0	2.0	5.06	21.2	23.3	18.1	4800	190
60SS-1	3/4"x1/2"	19.05x12.7	11.91	18.1	2.35	2.35	5.94	15.15	17.45	---	4400	165
60SS-2	3/4"x1/2"	19.05x12.7	11.91	18.1	2.35	2.35	5.94	26.55	28.85	22.8	6800	280
80SS-1	1"x5/8"	25.4x15.88	15.88	24	3.15	3.15	7.94	19.45	22.1	---	7200	290
80SS-2	1"x5/8"	25.4x15.88	15.88	24	3.15	3.15	7.94	34.1	36.75	29.3	10800	490

■ Sprocket：Standard Roller Chain sprockets can be used.

■ Due to the new design of the plate the pin is now longer(F,G).Please check for any interference.

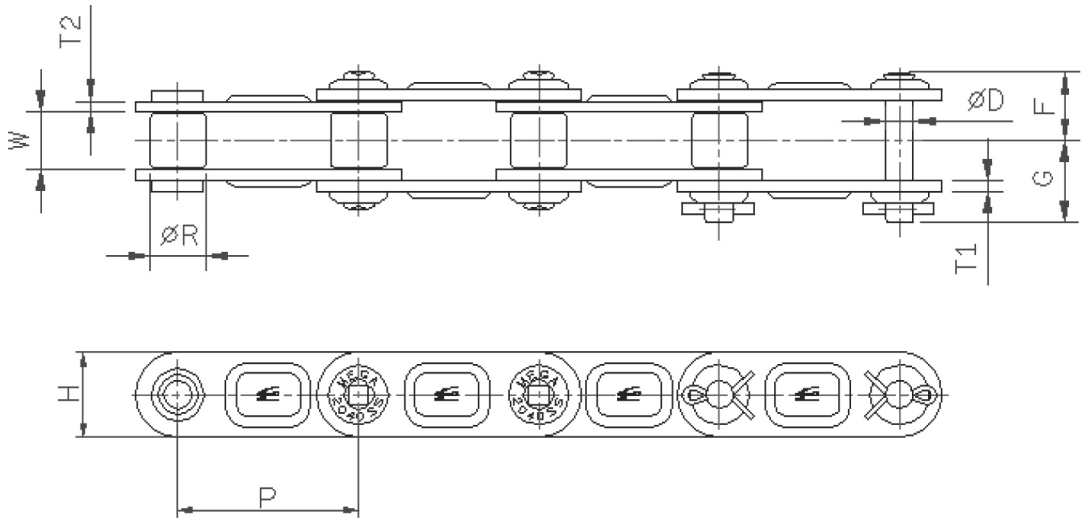
■ Material : AISI304(SS)

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

ANSI ENHANCED STRENGTH MEGA STAINLESS STEEL ROLLER CHAIN

DOUBLE PITCH MEGA CHAIN



Dimensions : mm

MEGA CHAIN NO.	Pitch x Width		Roller	Links			Pin			Average Ultimate Strength	Max Allowable Load
	P x W		Dia	Height	Thickness		Dia	Lengths			
	Inch	mm	R	H	T1	T2	D	F	G	kgf	Kgf
2040SS	1"x5/16"	25.40x7.95	7.92	12.0	1.5	1.5	3.96	9.85	11.55	1800	70
2050SS	1-1/4"x3/8"	31.75x9.53	10.16	15.0	2.0	2.0	5.06	12.15	14.25	3200	120
2060SS	1-1/2"x1/2"	38.10x12.7	11.91	17.2	2.35	2.35	5.94	15.15	17.45	4400	165
2080SS	2"x5/8"	50.80x15.88	15.88	23.0	3.15	3.15	7.94	19.45	22.1	7200	290

■ Double strands chain also can be manufactured.

■ Sprocket : Standard Roller Chain sprockets can be used.

■ Due to the new design of the plate the pin is now longer (F,G).Please check for any interference.

■ Material : AISI304(SS)

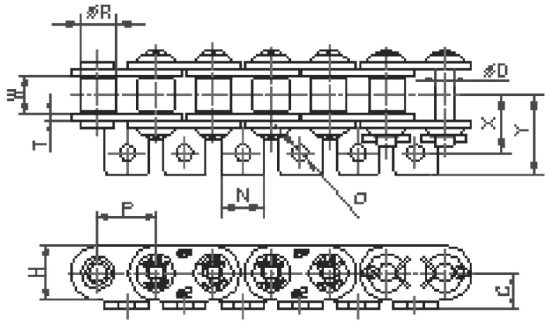
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

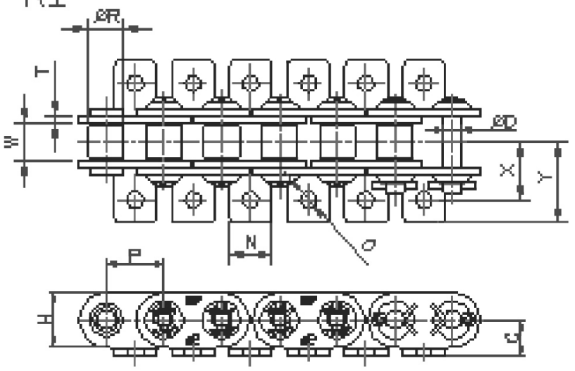
ANSI ENHANCED STRENGTH MEGA STAINLESS STEEL ROLLER CHAIN

MEGA ROLLER CHAIN ATTACHMENTS

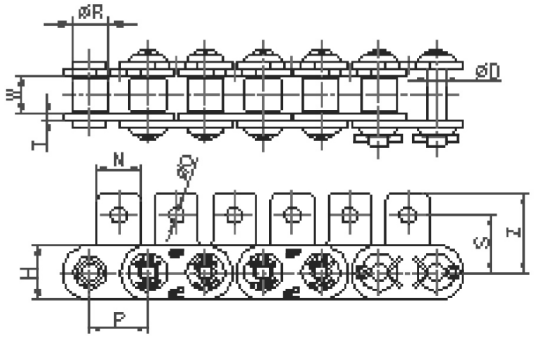
A1



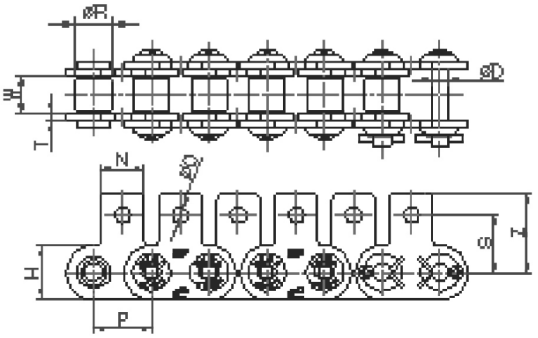
K1



SA1



SK1



Dimensions : mm

MEGA CHAIN NO.	Pitch x Width		Roller	Links		Pin	Attachment							Average Ultimate Strength kgf	Max Allowable Load Kgf
	P x W		Dia	Height	Thickness	Dia			A1 K1			SA1 SK1			
	Inch	mm	R	H	T	D	N	O	C	X	Y	S	Z		
40SS	1/2"x5/16"	12.7x7.95	7.92	12	1.5	3.96	9.5	3.6	8.0	12.7	17.8	12.7	17.4	1800	70
50SS	5/8"x3/8"	15.875x9.53	10.16	15	2.0	5.06	12.7	5.2	10.3	15.9	23.4	15.9	23.05	3200	120
60SS	3/4"x1/2"	19.05x12.7	11.91	18.1	2.35	5.94	15.88	5.2	11.9	19.05	28.2	18.3	26.85	4400	165
80SS	1"x5/8"	25.4x15.88	15.88	24	3.15	7.94	19.1	6.8	15.9	25.4	36.6	24.6	35.45	7200	290

■ Sprocket : Standard Roller Chain sprockets can be used.

■ Due to the new design of the plate the pin is now longer (F,G). Please check for any interference.

■ Material : AISI304(SS)

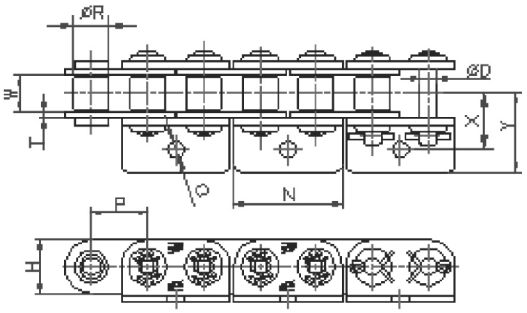
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

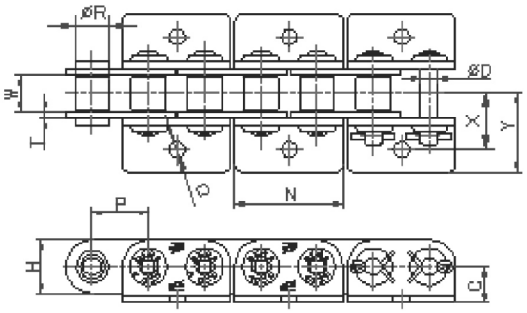
ANSI ENHANCED STRENGTH MEGA STAINLESS STEEL ROLLER CHAIN

MEGA ROLLER CHAIN ATTACHMENTS

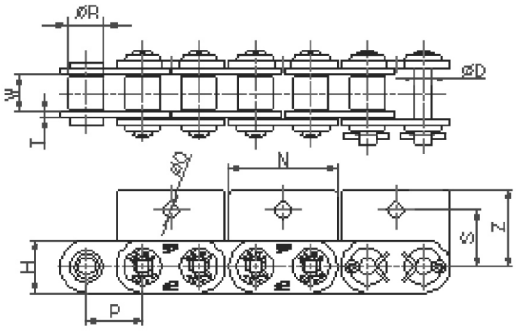
WA1



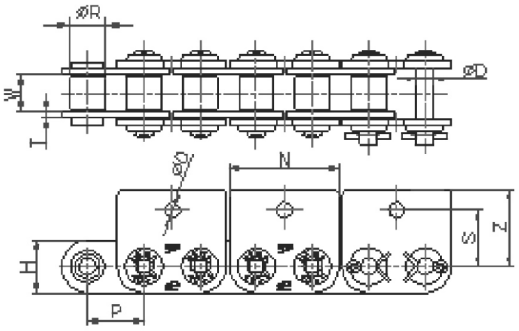
WK1



WSA1



WSK1



Dimensions : mm

MEGA CHAIN NO.	Pitch x Width		Roller	Links		Pin	Attachment							Average Ultimate Strength	Max Allowable Load
	P x W		Dia	Height	Thickness	Dia			WA1 WK1			WSA1 WSK1			
	Inch	mm	R	H	T	D	N	O	C	X	Y	S	Z	kgf	Kgf
40SS	1/2"x5/16"	12.7x7.95	7.92	12	1.5	3.96	24.58	4.5	8.0	12.7	17.8	12.7	17.4	1800	70
50SS	5/8"x3/8"	15.875x9.53	10.16	15	2.0	5.06	30.8	5.5	10.3	15.9	23.4	15.9	23.05	3200	120
60SS	3/4"x1/2"	19.05x12.7	11.91	18.1	2.35	5.94	37.0	6.6	11.9	19.05	28.2	18.3	26.85	4400	165
80SS	1"x5/8"	25.4x15.88	15.88	24	3.15	7.94	49.5	9.0	15.9	25.4	36.6	24.6	35.45	7200	290

■ Sprocket : Standard Roller Chain sprockets can be used.

■ Due to the new design of the plate the pin is now longer (F,G). Please check for any interference.

■ Material : AISI304(SS)

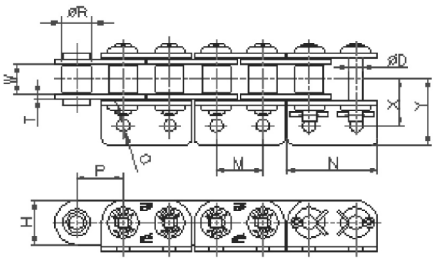
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

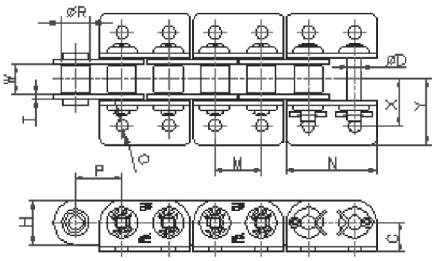
ANSI ENHANCED STRENGTH MEGA STAINLESS STEEL ROLLER CHAIN

MEGA ROLLER CHAIN ATTACHMENTS

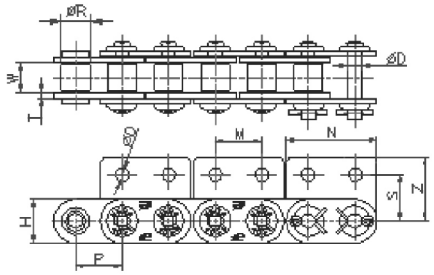
WA2



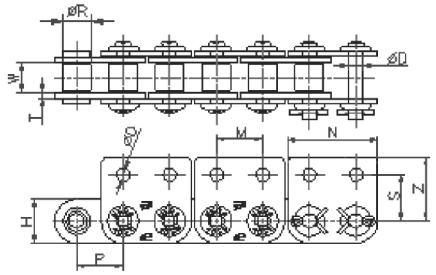
WK2



WSA2



WSK2



Dimensions : mm

MEGA CHAIN NO.	Pitch x Width		Roller	Links		Pin	Attachment		
	P x W		Dia	Height	Thickness	Dia			
	Inch	mm	R	H	T	D	M	N	O
40SS	1/2"x5/16"	12.7x7.95	7.92	12	1.5	3.96	12.7	24.58	4.5
50SS	5/8"x3/8"	15.875x9.53	10.16	15	2.0	5.06	15.88	30.8	5.5
60SS	3/4"x1/2"	19.05x12.7	11.91	18.1	2.35	5.94	19.05	37.0	6.6
80SS	1"x5/8"	25.4x15.88	15.88	24	3.15	7.94	25.4	49.5	9.0

MEGA CHAIN NO.	Attachment					Average Ultimate Strength kgf	Max Allowable Load Kgf
	WA1 WK1			WSA1 WSK1			
	C	X	Y	S	Z		
40SS	8.0	12.7	17.8	12.7	17.4	1800	70
50SS	10.3	15.9	23.4	15.9	23.05	3200	120
60SS	11.9	19.05	28.2	18.3	26.85	4400	165
80SS	15.9	25.4	36.6	24.6	35.45	7200	290

■ Sprocket : Standard Roller Chain sprockets can be used.

■ Due to the new design of the plate the pin is now longer (F,G). Please check for any interference.

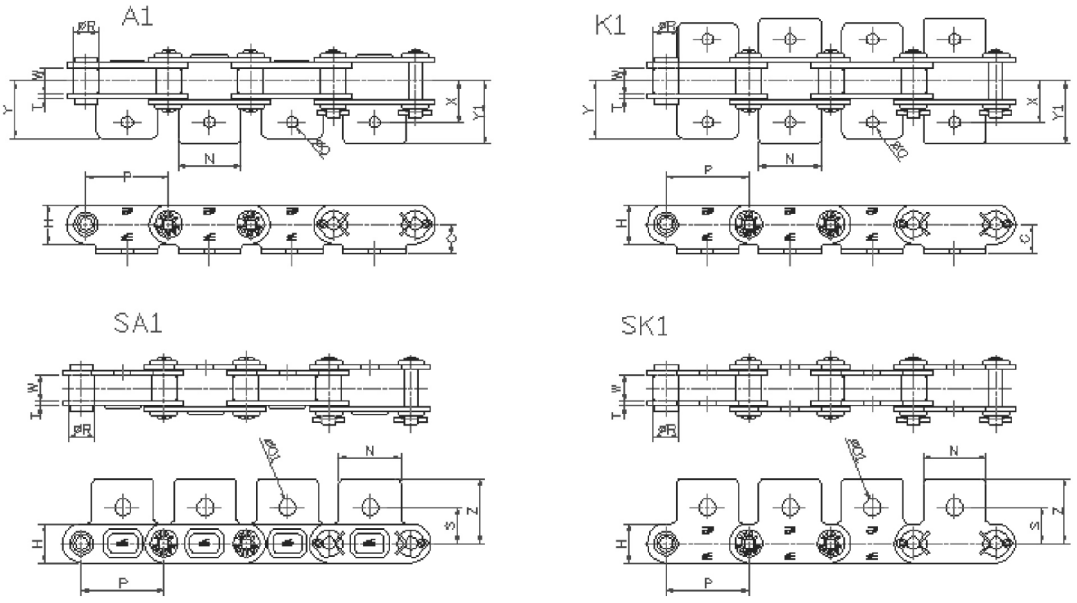
■ Material : AISI304(SS)

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

ANSI ENHANCED STRENGTH MEGA STAINLESS STEEL ROLLER CHAIN

DOUBLE PITCH MEGA CHAIN ATTACHMENTS



Dimensions : mm

MEGA CHAIN NO.	Pitch x Width P x W		Roller Dia	Links Height	Links Thickness	Pin Dia	Pin Lengths		Attachment	A1 K1	SA1 SK1
	Inch	mm	R	H	T1	D	F	G	N	O	O1
2040SS	1"x5/16"	25.40x7.95	7.92	12	1.5	3.96	9.85	11.55	19.1	3.6	5.2
2050SS	1-1/4"x3/8"	31.75x9.53	10.16	15	2.0	5.06	12.15	14.25	23.8	5.2	6.8
2060SS	1-1/2"x1/2"	38.10x12.7	11.91	17.2	2.35	5.94	15.15	17.45	28.6	5.2	8.7
2080SS	2"x5/8"	50.80x15.88	15.88	23.0	3.15	7.94	19.45	22.1	38.1	6.8	10.3

MEGA CHAIN NO.	Attachment A1 K1 C	X	Y	Y1	SA1 SK1 S	Z	Average Ultimate Strength kgf	Max Allowable Load Kgf
2040SS	9.1	12.7	17.6	19.3	11.1	19.8	1800	70
2050SS	11.1	15.9	22.0	24.2	14.3	24.6	3200	120
2060SS	14.7	21.45	28.2	31.5	17.5	30.6	4400	165
2080SS	19.1	27.8	36.6	40.7	22.2	40.5	7200	290

■ Sprocket : Standard Roller Chain sprockets can be used.

■ Due to the new design of the plate the pin is now longer (F,G). Please check for any interference.

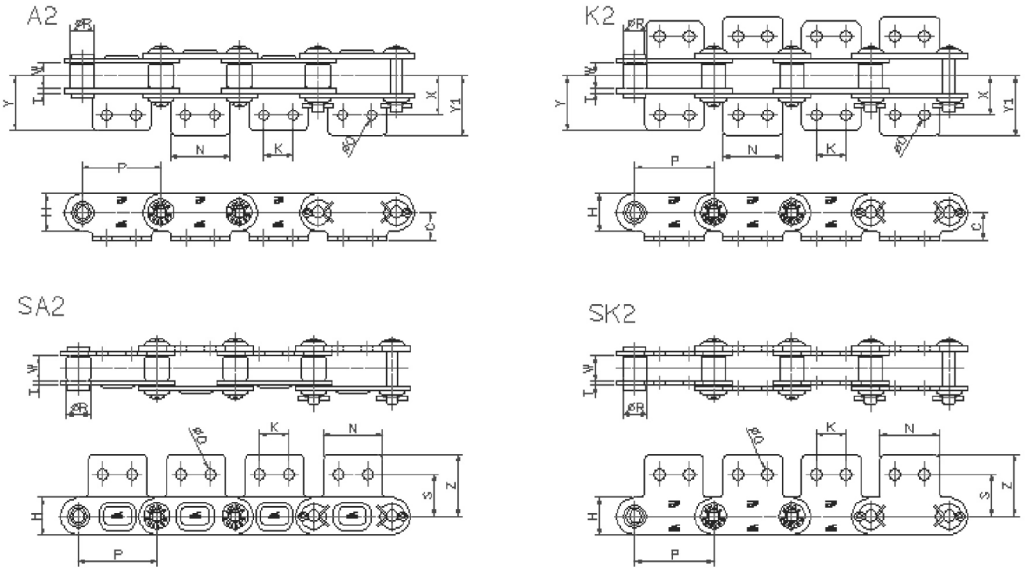
■ Material : AISI304(SS)

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

ANSI ENHANCED STRENGTH MEGA STAINLESS STEEL ROLLER CHAIN

DOUBLE PITCH MEGA CHAIN ATTACHMENTS



Dimensions : mm

MEGA CHAIN NO.	Pitch x Width		Roller	Links		Pin			Attachment		
	P x W		Dia	Height	Thickness	Dia	Lengths				
	Inch	mm	R	H	T1	D	F	G	N	O	K
2040SS	1"x5/16"	25.40x7.95	7.92	12	1.5	3.96	9.85	11.55	19.1	3.6	9.5
2050SS	1-1/4"x3/8"	31.75x9.53	10.16	15	2.0	5.06	12.15	14.25	23.8	5.2	11.9
2060SS	1-1/2"x1/2"	38.10x12.7	11.91	17.2	2.35	5.94	15.15	17.45	28.6	5.2	14.3
2080SS	2"x5/8"	50.80x15.88	15.88	23.0	3.15	7.94	19.45	22.1	38.1	6.8	19.1

MEGA CHAIN NO.	Attachment						Average Ultimate Strength kgf	Max Allowable Load Kgf
	A2 K2				SA2	SK2		
	C	X	Y	Y1	S	Z		
2040SS	9.1	12.7	17.6	19.3	13.6	19.8	1800	70
2050SS	11.1	15.9	22.0	24.2	15.9	24.6	3200	120
2060SS	14.7	21.45	28.2	31.5	19.1	30.6	4400	165
2080SS	19.1	27.8	36.6	40.7	25.4	40.5	7200	290

■ Sprocket : Standard Roller Chain sprockets can be used.

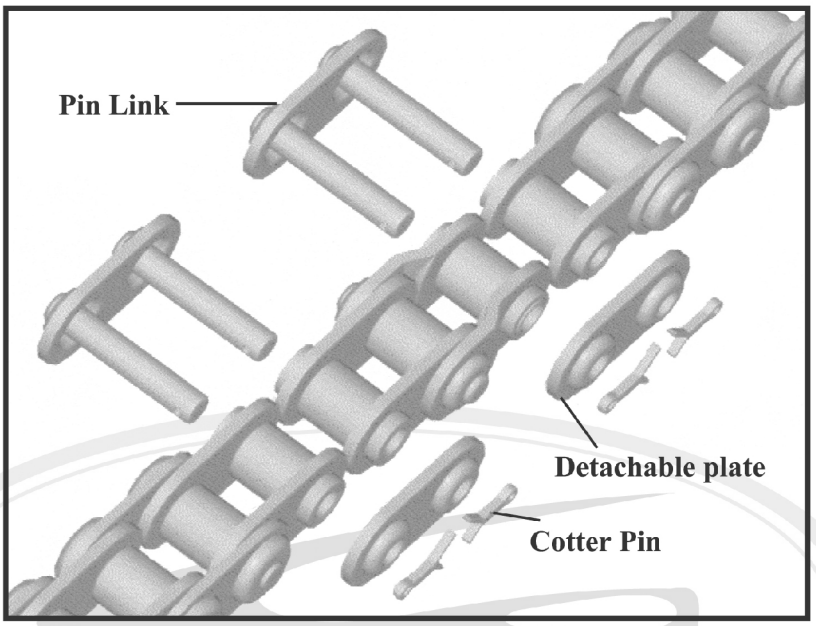
■ Due to the new design of the plate the pin is now longer (F,G). Please check for any interference.

■ Material : AISI304(SS)

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

MEGA CHAIN

●Method of Connecting Two-Pitch Offset-links :



REPRESENTATIVE MATERIALS AGAINST CORROSIVE							
Liquid	Standard	AISI300	AISI400	Liquid	Standard	AISI300	AISI400
Ammonia Liquid	▲	0	0	Soap Water	▲	0	0
Hydrochloric Acid(2%)	×	×	×	Beer	0	0	0
Salt Water	×	▲	×	Fruit Juice	×	0	▲
Hydrogen Peroxide	×	0	▲	Fruit Liquor	0	0	0
Caustic Soda(25%)	×	0	0	Water	×	0	0
Formic Acid	×	×	×	Vapor	×	0	0
Milk	0	0	0	Pyroligneous Acid	×	0	▲
Lactic Acid	×	0	×	Vegetable Juice	▲	0	0
Citric Acid	×	0	▲	Sulfuric Acid	×	×	×
Acetic Acid(5%)	×	0	×	Phosphoric Acid	×	▲	×
Nitric Acid	×	0	▲				
Vinegar	×	▲	×				

0 :Corrosion Resistant
▲ :Fairly Resistant to Corrosion
× :Corrosive

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

MEGA CHAIN

CORROSION RESISTANCE TABLE AISI304(18-8)STAINLESS MEGA CHIAN

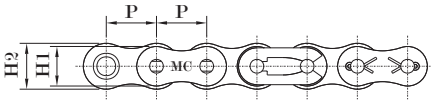
Agent	Dens %	Temp °F	Res. Cap	Agent	Dens %	Temp °F	Res. Cap
Nitrous Acid	20	175	▲	Citric Acid	10-50	75	▲
	100	75	▲		100	75	▲
Acetone	10-90	75 · 210	▲		10-50	175	▲
	100	75-210	0		10-100	210	×
Benzoic acid	10-100	75	▲	Chromic Acid	50	75	▲
	10-100	210	▲		70	75	×
	100	410	▲		10	120	×
Ammonia	10-40	75	0	Glycerin	10	75-125	0
	10-30	210	▲		100	75-210	0
	100	75-600	0	Chloroform	90	210	×
Ethel	100	75	0		100	75-210	0
Caustic Soda	10-30	75 · 175	0	Acetic Acid	10-90	75-125	▲
	50	75-210	▲		10-100	175	▲
	10-50	300	×		10-20	210	▲
Zinc Chloride	10	75-120	▲		30-100	210	×
	10	210	×		100	75	0
Aluminum	10-40	75	×	Carbon	10	75	×
Chloride	100	75	0	Tetrachloride	50	210	0
	90	125	×		100	75-210	▲
Ammonium	20	75	▲	Oxalic Acid	10-90	75	▲
Chloride	20	210	×		100	75	×
	90	75	×		10	125	×
	60	125	×	Tartaric Acid	10-50	70	▲
Calcium	10	75-210	▲	Kalium	10-30	75	0
Chloride	20-30	210	▲	Bichromate	10-60	210	0
	10-80	75 · 175	▲	Nitric Kalium	10-40	75	▲
	30-70	210	×		10-80	210	▲
Ferric Chloride	10-30	75	×	Nitric Acid	10-100	75	0
	100	75	×		10	210	0
Common Salt	10	75	▲		60	210	▲
	10	125	×		100	210	×
	20	75-210	▲	Nitric Acid Fuming	100	210	▲
	30	75-210	▲	Lactic Acid	50	boiling point	▲
Barium Chloride	10-30	75	▲	Picric Acid	10-100	75	▲
	10	210	×		10	210	▲
	100	75-210	×		100	300	▲
Hydro Chloride Acid	10-40	75	×	Butyl Alcohol	100	75	0
Chlorine Gas(Dry)	100	570	▲	Benzine	10-70	75 · 210	▲
	100	840	×	Alum	10	75-210	▲
Chlorine Gas(Moist)	100	75	×		20	75	▲
Kalium Chlorate	10	75	▲		20	210	×
	10-30	125	▲		50	125	▲
	10-30	210	▲	Methyl Alcohol	10-90	75 · 210	▲
Hydrogen Peroxide	10	75	0		100	75-210	0
	10	75-210	▲	Butyric Acid	10-50	125	▲
	40	75-210	▲		20-80	210	×
Potassium	10	75-210	▲	Fuming Sulfuric Acid	100	410	▲
Permanganate	20-30	210	▲	Sulfuric Acid	20-80	75	×
Formic Acid	10-100	75	▲	Aluminum Sulfate	10	75 · 210	0
	10-90	125	▲		30	75-210	0
	100	125	×		50	175-210	0
	50	175	×	Magnesium	10	75-210	0
	90	175	0	Sulfate	40	75-210	0
	10-80	210	×		60	125-210	▲
	90	210	0	Phosphoric	10-50	75	▲
				Acid	70-80	75	×

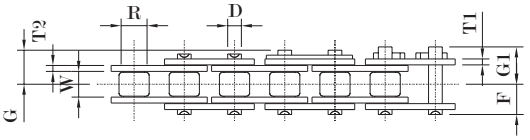
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

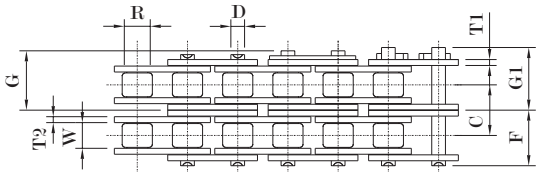
ROLLER CHAINS

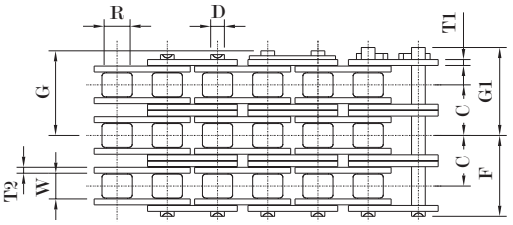
BS/DIN STANDARD ROLLER CHAIN

BS/DIN ROLLER CHAIN









MC CHAIN NO.	Pitch x Width		Roller	Links				Pin				Transverse Pitch	Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths					
	inch	mm	R	H1	H2	T1	T2	D	F	G	G1	C	kgf	kg/m
05B-1	0.315"x0.118"	8.00x3.00	5.00	7.00	7.00	0.75	0.75	2.30	3.85	4.80	---	---	600	0.16
05B-2	0.315"x0.118"	8.00x3.00	5.00	7.00	7.00	0.75	0.75	2.30	6.65	7.64	---	5.64	1200	0.30
06B-1	0.375"x0.225"	9.525x5.72	6.35	8.10	8.10	1.00	1.25	3.28	6.10	7.40	---	---	1050	0.39
06B-2	0.375"x0.225"	9.525x5.72	6.35	8.10	8.10	1.00	1.25	3.28	11.20	12.30	---	10.24	1900	0.74
06B-3	0.375"x0.225"	9.525x5.72	6.35	8.10	8.10	1.00	1.25	3.28	16.30	17.40	17.80	10.24	2700	1.09
08B-1	0.5"x0.305"	12.70x7.75	8.51	10.20	11.80	1.50	1.50	4.44	8.20	9.50	---	---	1850	0.65
08B-2	0.5"x0.305"	12.70x7.75	8.51	10.20	11.80	1.50	1.50	4.44	15.30	16.70	---	13.92	3600	1.30
08B-3	0.5"x0.305"	12.70x7.75	8.51	10.20	11.80	1.50	1.50	4.44	22.20	23.50	23.80	13.92	4500	1.92
10B-1	0.625"x0.38"	15.875x9.65	10.16	13.00	14.60	1.65	1.65	5.06	9.60	11.10	---	---	2700	0.92
10B-2	0.625"x0.38"	15.875x9.65	10.16	13.00	14.60	1.65	1.65	5.06	17.90	19.40	---	16.59	5400	1.68
10B-3	0.625"x0.38"	15.875x9.65	10.16	13.00	14.60	1.65	1.65	5.06	26.20	27.50	28.20	16.59	8100	2.62
12B-1	0.75"x0.46"	19.05x11.68	12.07	16.00	16.00	1.80	1.80	5.67	11.10	12.60	---	---	3300	1.24
12B-2	0.75"x0.46"	19.05x11.68	12.07	16.00	16.00	1.80	1.80	5.67	20.80	22.40	---	19.46	6600	2.28
12B-3	0.75"x0.46"	19.05x11.68	12.07	16.00	16.00	1.80	1.80	5.67	30.60	31.90	32.50	19.46	9900	3.55
16B-1	1"x0.67"	25.4x17.02	15.88	20.80	20.80	3.20	4.00	8.27	17.70	19.25	20.20	---	7800	2.65
16B-2	1"x0.67"	25.4x17.02	15.88	20.80	20.80	3.20	4.00	8.27	33.64	35.16	36.16	31.88	15600	5.25
16B-3	1"x0.67"	25.4x17.02	15.88	20.80	20.80	3.20	4.00	8.27	49.58	51.12	52.12	31.88	23400	7.86
20B-1	1.25"x0.77"	31.75x19.56	19.05	26.00	26.00	3.50	4.50	10.18	20.50	---	23.50	---	10500	3.85
20B-2	1.25"x0.77"	31.75x19.56	19.05	26.00	26.00	3.50	4.50	10.18	38.73	---	41.72	36.45	19900	7.65
20B-3	1.25"x0.77"	31.75x19.56	19.05	26.00	26.00	3.50	4.50	10.18	56.95	---	59.95	36.45	29300	11.45
24B-1	1.5"x1"	38.10x25.40	25.40	33.00	33.00	5.20	6.00	14.62	26.65	---	32.35	---	18700	7.60
24B-2	1.5"x1"	38.10x25.40	25.40	33.00	33.00	5.20	6.00	14.62	50.83	---	56.53	48.36	35650	14.80
24B-3	1.5"x1"	38.10x25.40	25.40	33.00	33.00	5.20	6.00	14.62	75.00	---	80.72	48.36	52600	21.90

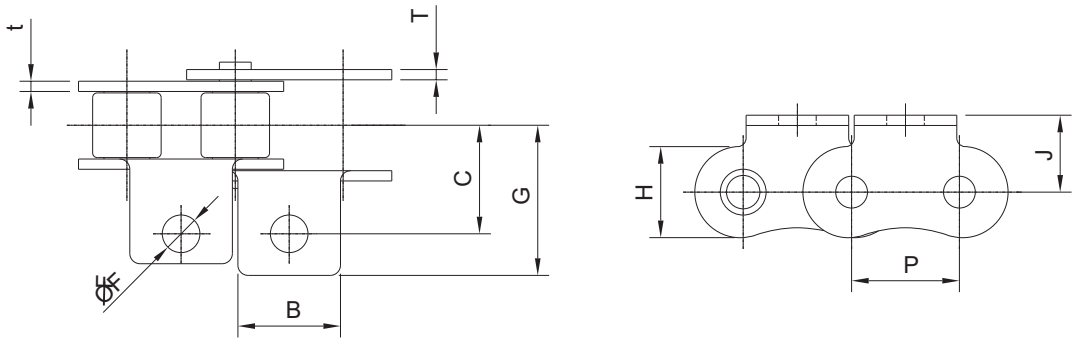
Larger pitch chains are available upon request.

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

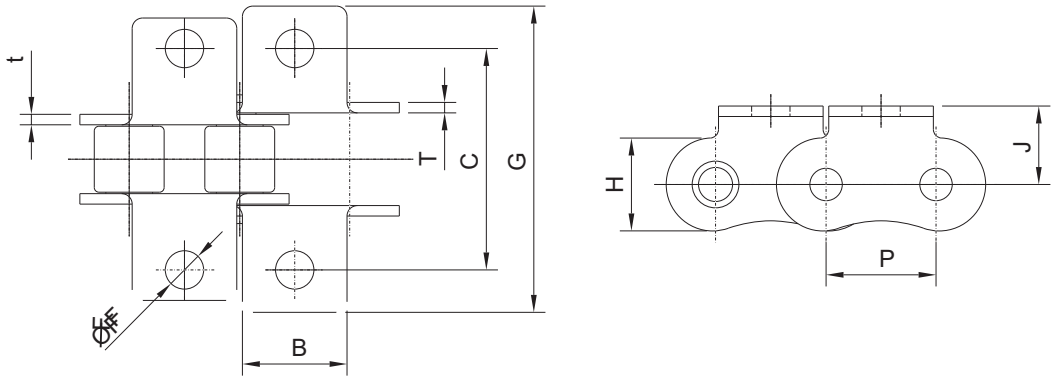
BS/DIN STANDARD ROLLER CHAIN ATTACHMENTS

A1



MC CHAIN NO.	P	H	J	F	B	C	G	t	T
08BA1	12.7	11.83	8.9	4.3	11.0	13.8	20.85	1.5	1.5
10BA1	15.875	14.56	10.3	5.3	14.0	15.9	24.8	1.65	1.65
12BA1	19.05	16.0	12.2	6.6	18.0	17.6	26.35	1.8	1.8
16BA1	25.40	20.8	17.0	8.4	24.0	29.0	42.8	4.0	3.2

K1



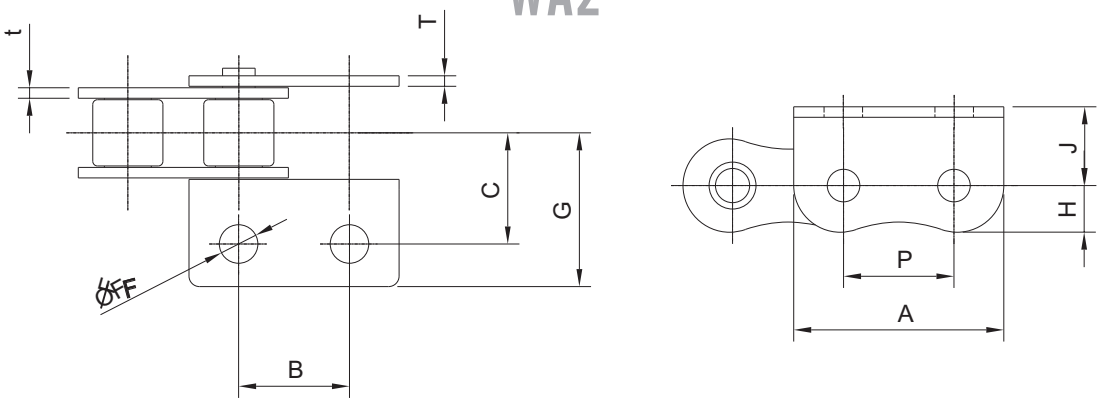
MC CHAIN NO.	P	H	J	F	B	C	G	t	T
08BK1	12.7	11.83	8.9	4.3	11.0	27.6	41.7	1.5	1.5
10BK1	15.875	14.56	10.3	5.3	14.0	31.8	49.6	1.65	1.65
12BK1	19.05	16.0	12.2	6.6	18.0	35.2	52.7	1.8	1.8
16BK1	25.40	20.8	17.0	8.4	24.0	58.0	85.6	4.0	3.2

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

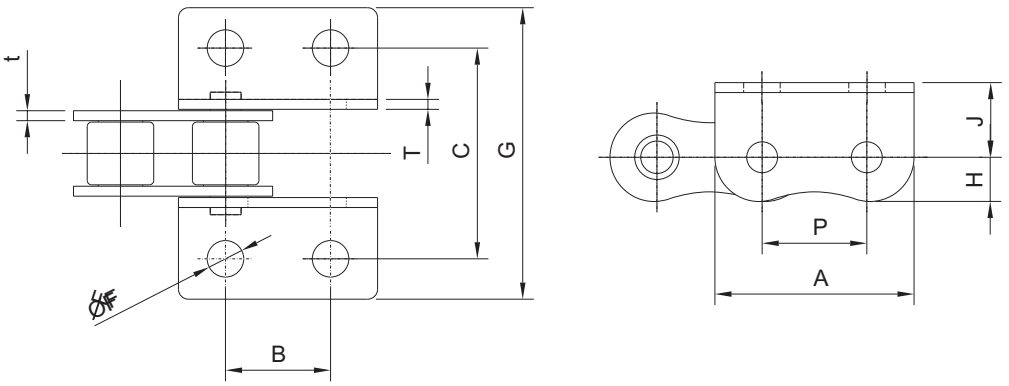
BS/DIN STANDARD ROLLER CHAIN ATTACHMENTS

WA2



MC CHAIN NO.	P	H	A	J	F	B	C	G	t	T
08BWA2	12.7	5.1	22.9	8.9	4.3	12.7	13.8	20.85	1.5	1.5
10BWA2	15.875	6.5	28.95	10.3	5.3	15.9	15.9	24.8	1.65	1.65
12BWA2	19.05	8.0	36.0	12.2	6.6	19.0	17.6	26.35	1.8	1.8
16BWA2	25.40	10.4	45.7	17.9	8.4	25.4	29.0	42.8	4.0	3.2

WK2



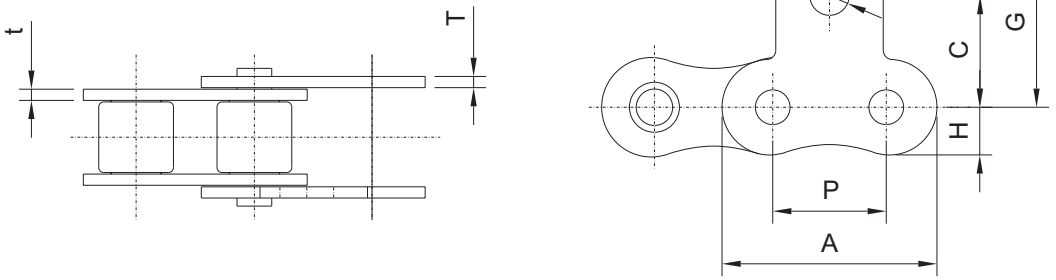
MC CHAIN NO.	P	H	A	J	F	B	C	G	t	T
08BWK2	12.7	5.1	22.9	8.9	4.3	12.7	27.6	41.7	1.5	1.5
10BWK2	15.875	6.5	28.95	10.3	5.3	15.9	31.8	49.6	1.65	1.65
12BWK2	19.05	8.0	36.0	12.2	6.6	19.0	35.2	52.7	1.8	1.8
16BWK2	25.40	10.4	45.7	17.9	8.4	25.4	58.0	85.6	4.0	3.2

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

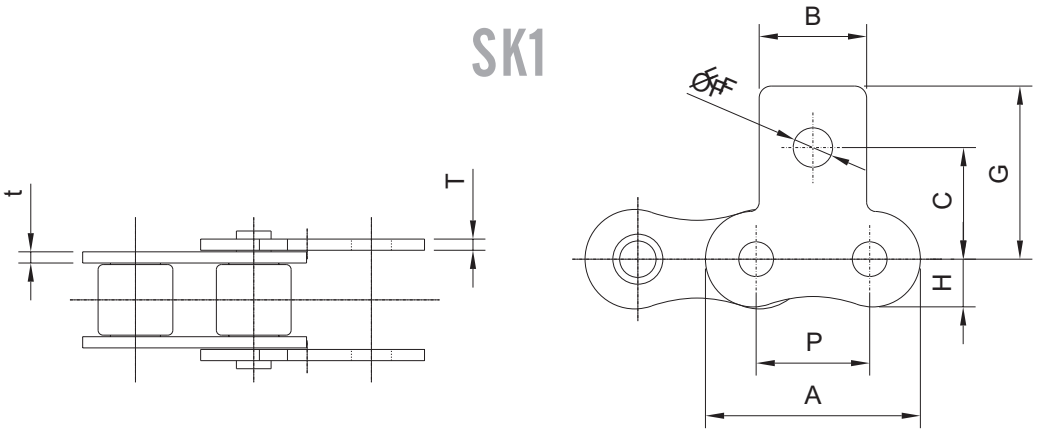
BS/DIN STANDARD ROLLER CHAIN ATTACHMENTS

SA1



MC CHAIN NO.	P	A	H	C	F	G	B	t	T
08BSA1	12.7	22.9	5.1	13.7	4.3	20.8	11.0	1.5	1.5
10BSA1	15.875	28.95	6.5	16.5	5.3	24.9	14.0	1.65	1.65
12BSA1	19.05	36.0	8.0	18.5	6.6	28.2	18.0	1.8	1.8
16BSA1	25.40	45.7	10.4	27.4	8.4	39.7	24.0	4.0	3.2

SK1



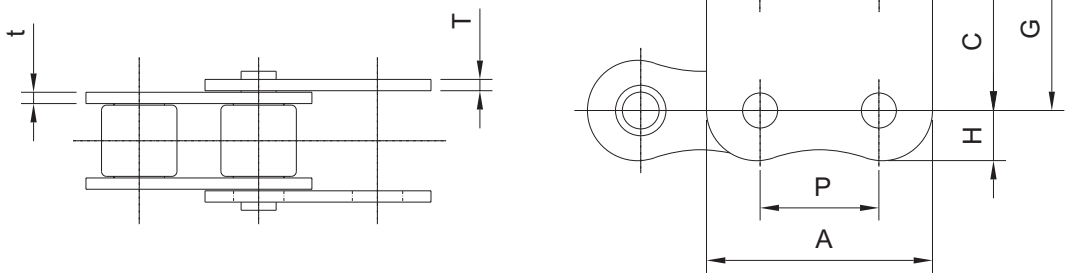
MC CHAIN NO.	P	A	H	C	F	G	B	t	T
08BSK1	12.7	22.9	5.1	13.7	4.3	20.8	11.0	1.5	1.5
10BSK1	15.875	28.95	6.5	16.5	5.3	24.9	14.0	1.65	1.65
12BSK1	19.05	36.0	8.0	18.5	6.6	28.2	18.0	1.8	1.8
16BSK1	25.40	45.7	10.4	27.4	8.4	39.7	24.0	4.0	3.2

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

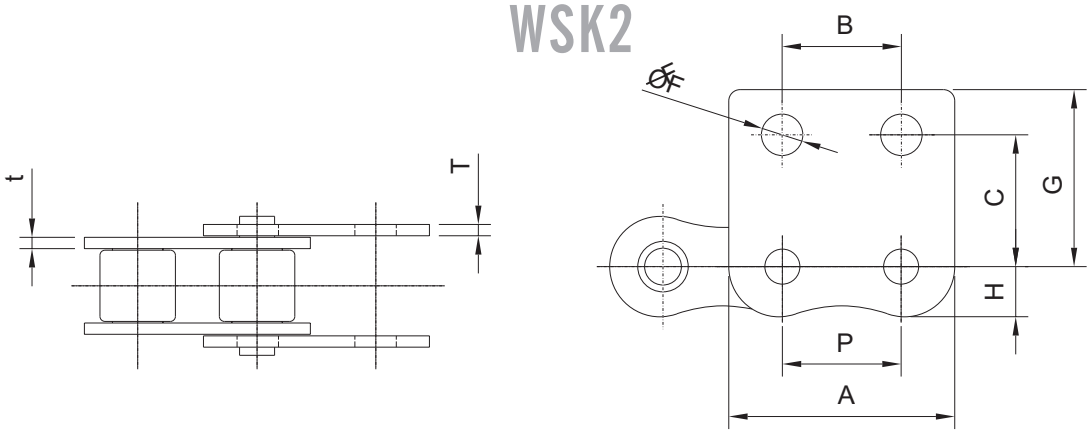
BS/DIN STANDARD ROLLER CHAIN ATTACHMENTS

WSA2



MC CHAIN NO.	P	A	H	C	F	G	B	t	T
08BWSA2	12.7	22.9	5.1	13.7	4.3	20.8	12.7	1.5	1.5
10BWSA2	15.875	28.95	6.5	16.5	5.3	24.9	15.9	1.65	1.65
12BWSA2	19.05	36.0	8.0	18.5	6.6	28.2	19.0	1.8	1.8
16BWSA2	25.40	45.7	10.4	27.4	8.4	39.7	25.4	4.0	3.2

WSK2



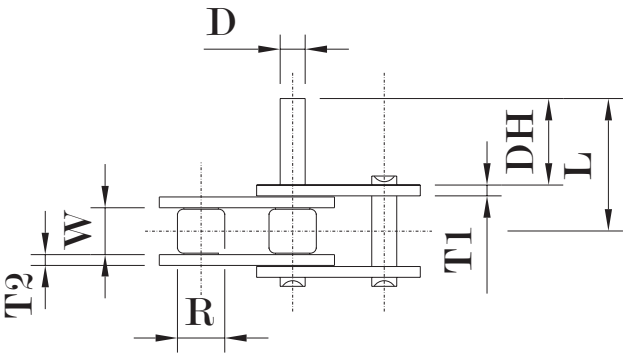
MC CHAIN NO.	P	A	H	C	F	G	B	t	T
08BWSK2	12.7	22.9	5.1	13.7	4.3	20.8	12.7	1.5	1.5
10BWSK2	15.875	28.95	6.5	16.5	5.3	24.9	15.9	1.65	1.65
12BWSK2	19.05	36.0	8.0	18.5	6.6	28.2	19.0	1.8	1.8
16BWSK2	25.40	45.7	10.4	27.4	8.4	39.7	25.4	4.0	3.2

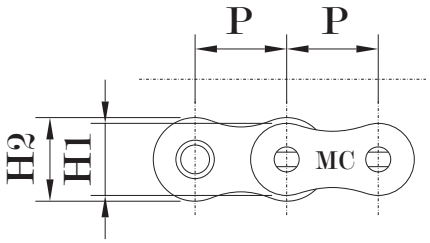
N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

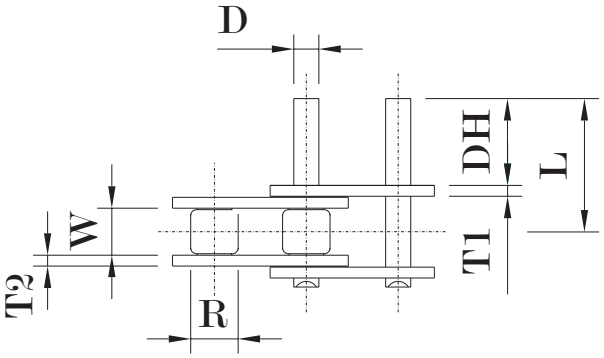
BS/DIN STANDARD ROLLER CHAIN ATTACHMENTS

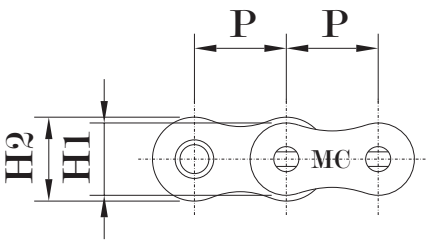
D1





D3





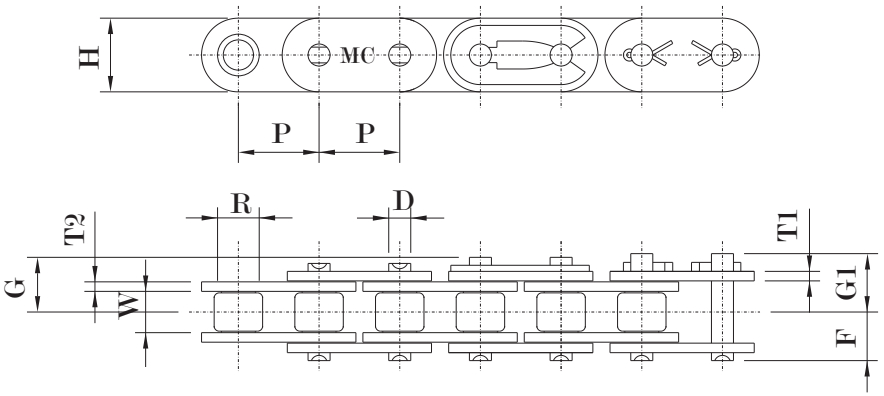
MC CHAIN NO.	Pitch x Width		Roller	Links				Pin			Average Ultimate Strength
	P x W		Dia	Height		Thickness		Dia	Lengths		
	inch	mm	R	H1	H2	T1	T2	D	DH	L	kgf
06B	0.375"x0.255"	9.525x5.72	6.35	8.10	8.10	1.00	1.25	3.28	11.30	16.63	1050
08B	0.5"x0.305"	12.70x7.75	8.51	10.20	11.80	1.50	1.50	4.44	14.80	22.05	1900
10B	0.625"x0.38"	15.875x9.65	10.16	13.00	14.60	1.65	1.65	5.06	17.60	26.05	2700
12B	0.75"x0.46"	19.05x11.68	12.07	16.00	16.00	1.80	1.80	5.67	20.70	30.48	3300
16B	1"x0.67"	25.40x17.02	15.88	20.80	20.80	3.20	4.00	8.27	33.30	49.33	7800
20B	1.25"x0.77"	31.75x19.56	19.05	26.00	26.00	3.50	4.50	10.18	38.30	56.50	10500
24B	1.5"x1"	38.10x25.40	25.40	33.00	33.00	5.20	6.00	14.62	50.30	74.65	18700

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

OTHER BS/DIN ROLLER CHAIN

BS/DIN STRAIGHT LINK PLATE ROLLER CHAIN

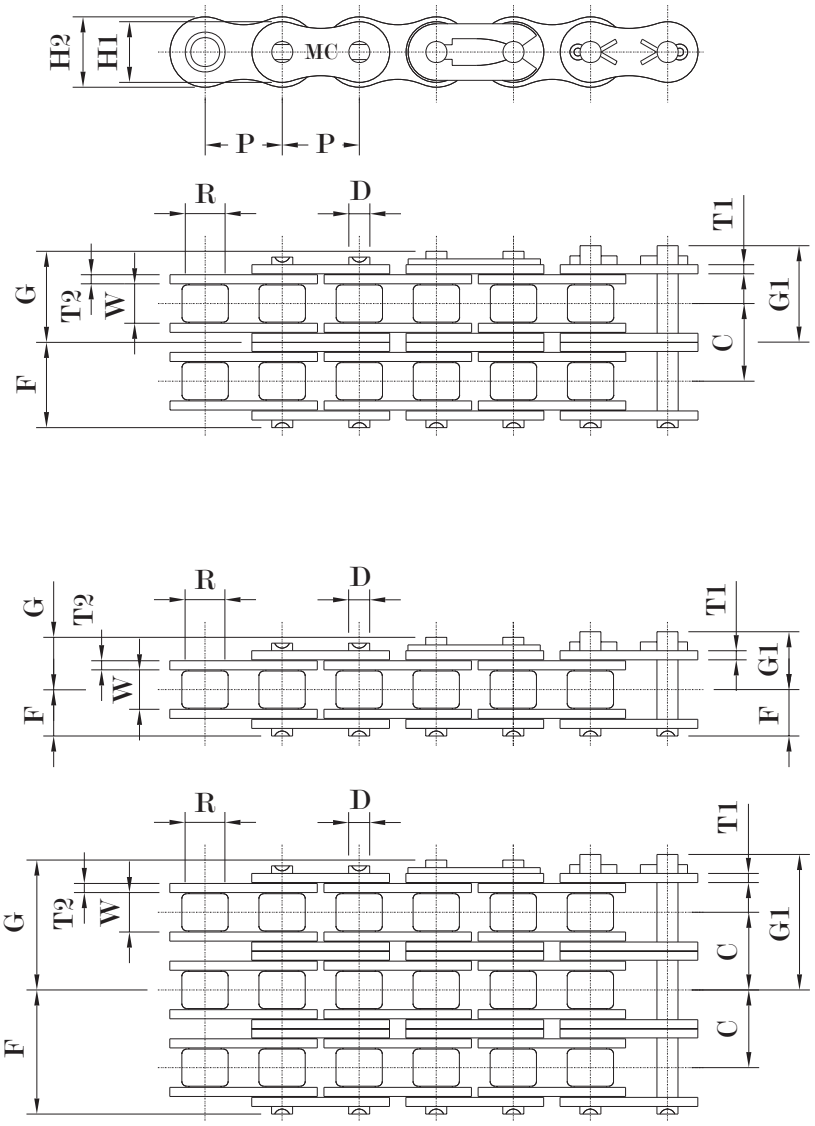


MC CHAIN NO.	Pitch x Width		Roller	Links			Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height	Thickness		Dia	Lengths				
	inch	mm	R	H	T1	T2	D	F	G	G1	kgf	kg/m
06B	0.375"x0.225"	9.525x5.72	6.35	8.10	1.00	1.25	3.28	6.10	7.40	---	1050	0.39
08BGL	0.5"x0.305"	12.70x7.75	8.51	11.80	1.50	1.50	4.44	8.20	9.50	---	1850	0.75
10BGL	0.625"x0.38"	15.875x9.65	10.16	14.60	1.65	1.65	5.06	9.60	11.10	---	2700	1.00
12BGL	0.75"x0.46"	19.05x11.68	12.07	16.00	1.80	1.80	5.67	11.10	12.60	---	3300	1.29
16BGL-21	1"x0.67"	25.40x17.02	15.88	21.00	3.20	4.00	8.27	17.70	19.25	20.20	7800	2.70
16BGL-24	1"x0.67"	25.40x17.02	15.88	24.00	3.20	4.00	8.27	17.70	19.25	20.20	7800	3.30
20BGL	1.25"x0.77"	31.75x19.55	19.05	26.00	3.50	4.50	10.18	20.50	---	23.50	10500	4.25
24BGL	1.5"x1"	38.10x25.40	25.40	33.00	5.20	6.00	14.62	26.65	---	32.35	17700	8.20

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

ROLLER CHAINS

BS/DIN HEAVY DUTY ROLLER CHAIN

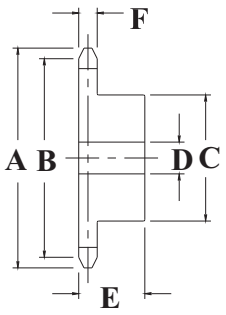


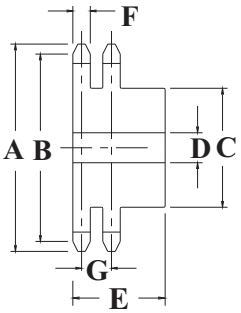
BS CHAIN NO.	Pitch x Width		Roller	Links				Pin			Average Ultimate Strength	Approx Weight
	P x W		Dia	Height		Thickness		Dia	Lengths			
	inch	mm	R	H1	H2	T1	T2	D	F	G	kgf	kg/m
08BH	1/2"x5/16"	12.70x7.94	8.50	11.20	12.20	2.00	2.00	4.44	9.30	10.70	2400	0.85
10BH	1/4"x1/8"	15.875x9.53	10.16	13.00	15.00	2.40	2.40	5.06	11.10	12.60	3800	1.12
12BH	0.315x0.185	19.15x11.68	12.07	16.00	16.00	2.40	2.40	4.44	12.29	13.81	4500	1.42

N.B. All bushes and rollers are seamless, manufactured from tube giving improved wear characteristics and chain life.

SPROCKETS FOR ROLLER CHAINS

ANSI TYPE "B"





(See notes of alternative designs at end of ANSI Sprocket details)

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
35-1	14	47	42.81	32	9.5	18	20			0.12
	15	51	45.81	35	9.5	20	20			0.16
	16	54	48.82	37	9.5	20	20			0.19
	17	57	51.84	41	11.5	25	20			0.22
	18	60	54.85	44	11.5	25	20			0.25
	19	63	57.87	47	11.5	28	20			0.28
	20	66	60.89	50	11.5	30	20			0.32
	21	69	63.91	53	11.5	32	20			0.36
	22	72	66.93	56	11.5	35	20	4.3	N/A	0.37
	23	75	69.95	60	11.5	38	20			0.38
	24	78	72.97	53	11.5	32	22			0.43
	25	81	76.00	53	11.5	32	22			0.44
	26	84	79.02	53	11.5	32	22			0.45
	27	87	82.05	53	11.5	32	22			0.46
	28	90	85.07	53	11.5	32	22			0.48
	29	93	88.10	53	11.5	32	22			0.49
	30	96	91.12	53	11.5	32	22			0.51
40-1	13	59	53.07	37	13.5	20	22			0.23
	14	63	57.07	42	13.5	25	22			0.26
	15	67	61.08	46	13.5	28	22			0.34
	16	71	65.10	50	13.5	30	22			0.40
	17	76	69.12	54	13.5	32	22			0.46
	18	80	73.14	57	13.5	35	22			0.51
	19	84	77.16	62	13.5	40	22			0.59
	20	88	81.18	67	14.5	45	25			0.76
	21	92	85.21	71	14.5	48	25			0.85
	22	96	89.24	75	14.5	51	25	7.2	N/A	0.95
	23	100	93.27	77	14.5	51	25			1.00
	24	104	97.30	63	14.5	42	25			0.84
	25	108	101.33	63	14.5	42	25			0.88
	26	112	105.36	63	14.5	42	25			0.92
	27	116	109.40	63	14.5	42	25			0.96
	28	120	113.43	63	14.5	42	25			1.00
	29	124	117.46	63	14.5	42	25			1.00
	30	128	121.50	63	14.5	42	25			1.10
40-2	13	59	53.07	39	15.5	22	35			0.40
	14	63	57.07	43	15.5	25	35			0.47
	15	67	61.08	47	15.5	28	35			0.55
	16	71	65.10	50	15.5	30	35			0.65
	17	76	69.12	54	15.5	32	35			0.75
	18	80	73.14	59	15.5	38	35			0.85
	19	84	77.16	63	15.5	42	35			0.98
	20	88	81.18	67	16.5	45	40			1.30
	21	92	85.21	68	16.5	45	40			1.30
	22	96	89.24	72	16.5	48	40	7.0	14.4	1.50
	23	100	93.27	76	16.5	51	40			1.60
	24	104	97.30	80	16.5	55	40			1.80
	25	108	101.33	84	16.5	57	40			2.00
	26	112	105.36	88	16.5	60	40			2.20
	27	116	109.40	92	16.5	60	40			2.30
	28	120	113.43	96	16.5	66	40			2.50
	29	124	117.46	96	16.5	66	40			2.65
	30	128	121.50	100	16.5	66	40			2.80

SPROCKETS FOR ROLLER CHAINS

ANSI TYPE "B"

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
50-1	14	79	71.34	52	14.5	32	25			0.52
	15	84	76.35	57	14.5	35	25			0.62
	16	89	81.37	62	14.5	40	25			0.72
	17	94	86.39	67	14.5	45	25			0.83
	18	100	91.42	72	14.5	48	28			1.00
	19	105	96.45	73	14.5	48	28			1.10
	20	110	101.48	73	14.5	48	28			1.20
	21	115	106.51	73	14.5	48	28			1.20
	22	120	111.55	73	16	48	28	8.7	N/A	1.30
	23	125	116.58	73	16	48	28			1.30
	24	130	121.62	73	16	48	28			1.40
	25	135	126.66	73	16	48	28			1.50
	26	140	131.7	73	16	48	28			1.50
	27	145	136.74	73	16	48	28			1.50
	28	150	141.79	73	16	48	28			1.60
	29	155	146.83	73	16	48	28			1.70
	30	161	151.87	73	16	48	28			1.80
50-2	14	79	71.34	54	14.5	32	40			0.9
	15	84	76.35	59	14.5	38	40			1.1
	16	89	81.37	64	14.5	42	45			1.4
	17	94	86.39	68	14.5	45	45			1.6
	18	100	91.42	74	14.5	48	45			1.8
	19	105	96.45	79	14.5	55	45			2.1
	20	110	101.48	84	14.5	57	45			2.3
	21	115	106.51	89	14.5	60	45			2.6
	22	120	111.55	94	16	63	50	8.4	18.1	3.0
	23	125	116.58	99	16	66	50			3.5
	24	130	121.62	105	16	70	50			3.8
	25	135	126.66	105	16	70	50			4.2
	26	140	131.7	105	16	70	50			4.5
	27	145	136.74	105	16	70	50			4.8
	28	150	141.79	110	16	75	50			5.1
	29	155	146.83	110	16	75	50			5.5
	30	161	151.87	120	16	80	50			5.8
60-1	12	83	73.60	51	14.5	32	32			0.69
	13	89	79.60	57	14.5	35	32			0.81
	14	95	85.61	62	16	40	32			0.96
	15	101	91.62	68	16	45	32			1.10
	16	107	97.65	73	16	48	32			1.30
	17	113	103.67	73	16	48	32			1.40
	18	119	109.71	83	16	55	40			2.00
	19	126	115.74	83	16	55	40			2.10
	20	132	121.78	83	16	55	40	11.7	N/A	2.20
	21	138	127.82	83	16	55	40			2.30
	22	144	133.86	83	16	55	40			2.50
	23	150	139.90	83	16	55	40			2.50
	24	156	145.95	83	16	55	40			2.60
	25	162	151.99	83	16	55	40			2.70
	26	168	158.04	83	20	55	40			2.90
	27	174	164.09	83	20	55	40			3.00
	28	180	170.14	83	20	55	40			3.10
	29	187	176.20	83	20	55	40			3.30
	30	193	182.25	83	20	55	40			3.40
60-2	12	83	73.60	50	14.5	30	50			1.2
	13	89	79.60	60	14.5	38	50			1.4
	14	95	85.61	66	16	45	56			1.8
	15	101	91.62	72	16	48	56			2.1
	16	107	97.65	78	16	51	56			2.5
	17	113	103.67	82	16	55	56			2.6
	18	119	109.71	90	16	60	56			3.2
	19	126	115.74	94	16	63	56			3.7
	20	132	121.78	100	16	66	56			4.2
	21	138	127.82	100	16	66	56	11.3	22.8	4.4
	22	144	133.86	100	16	66	56			4.7
	23	150	139.90	100	16	66	56			4.9
	24	156	145.95	120	16	80	56			6.0
	25	162	151.99	120	16	80	56			6.4
	26	168	158.04	120	20	80	56			6.8
	27	174	164.09	120	20	80	56			7.3
	28	180	170.14	120	20	80	56			7.8
	29	187	176.20	120	20	80	56			8.2
	30	193	182.25	130	20	89	56			9.0

SPROCKETS FOR ROLLER CHAINS

ANSI TYPE "B"

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
80-1	10	93	82.19	52	16.5	32	40			1.02
	11	102	90.15	60	16.5	38	40			1.25
	12	110	98.14	67	16	45	40			1.60
	13	118	106.14	77	16	51	40			1.90
	14	127	114.15	77	16	51	40			2.15
	15	135	122.17	93	20	63	40			2.30
	16	143	130.20	93	20	63	40			2.50
	17	151	138.23	93	20	63	40	14.6	N/A	2.95
	18	159	146.27	93	20	63	40			3.15
	19	167	154.32	93	20	63	40			3.40
	20	176	162.37	93	20	63	40			3.60
	21	184	170.42	93	20	63	40			3.85
	22	192	178.48	107	26	75	45			5.00
	23	200	186.54	107	26	75	45			5.23
	24	208	194.60	107	26	75	45			5.50
	25	216	202.66	107	26	75	45			5.80
80-2	10	93	82.19	58	16.5	35	63			2.0
	11	102	90.15	60	16.5	38	63			2.5
	12	110	98.14	69	16	46	63			2.7
	13	118	106.14	80	16	55	63			3.4
	14	127	114.15	88	16	60	63			3.9
	15	135	122.17	95	20	63	63			4.4
	16	143	130.20	100	20	66	71			5.4
	17	151	138.23	100	20	66	71			6.0
	18	159	146.27	120	20	80	71	14.1	29.3	7.5
	19	167	154.32	120	20	80	71			8.0
	20	176	162.37	130	20	89	71			9.0
	21	184	170.42	130	20	89	71			9.5
	22	192	178.48	117	26	80	71			8.8
	23	200	186.54	117	26	80	71			9.3
	24	208	194.60	117	26	80	80			10.5
	25	216	202.66	117	26	80	80			11.1
100-1	10	117	102.74	65	20	45	50			1.9
	11	127	112.70	75	20	51	50			2.3
	12	138	122.67	86	20	57	50			2.9
	13	148	132.67	94	20	63	50			3.1
	14	158	142.68	98	20	66	50			3.6
	15	168	152.71	98	20	66	50			4.2
	16	179	162.74	98	20	66	50			4.6
	17	189	172.79	107	20	75	50			5.3
	18	199	182.84	107	20	75	50	17.6	N/A	5.7
	19	209	192.90	107	20	75	50			6.1
	20	220	202.96	107	20	75	50			6.5
	21	230	213.03	107	20	75	50			7.0
	22*	240	223.10	117	20	80	56			7.9
	23*	250	233.17	117	20	80	56			8.5
	24*	260	243.25	117	20	80	56			8.8
	25*	270	253.32	117	20	80	56			9.3
100-2	10	117	102.74	70	20	46	80			3.5
	11	127	112.70	80	20	55	80			4.2
	12	138	122.67	90	20	60	80			5.0
	13	148	132.67	100	20	66	80			6.0
	14	158	142.68	110	20	75	80			7.0
	15	166	152.71	120	20	80	80			7.1
	16	179	162.74	130	20	89	80			7.7
	17	189	172.79	130	20	89	80			8.9
	18	199	182.84	130	20	89	80	17.0	35.8	9.6
	19	209	192.90	130	20	89	90			12.8
	20	220	202.96	130	20	89	90			13.5
	21	230	213.03	130	20	89	90			14.3
	22*	240	223.10	127	20	89	90			15.5
	23*	250	233.17	127	20	89	90			16.6
	24*	260	243.25	137	20	95	90			17.8
	25*	270	253.32	137	20	95	90			18.5

SPROCKETS FOR ROLLER CHAINS

ANSI TYPE "B"

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
120-1	10	140	123.29	78	20	51	56			3.2
	11	153	135.24	91	20	60	56			4.0
	12	165	147.21	98	20	66	56			4.8
	13	177	159.20	98	20	66	56			5.3
	14	190	171.22	107	20	75	56			6.3
	15	202	183.25	117	20	80	63			7.8
	16	214	195.29	117	20	80	63			8.4
	17	227	207.35	117	20	80	63			9.1
	18	239	219.41	117	20	80	63	23.5	N/A	9.9
	19	251	231.48	117	20	80	63			10.7
	20	263	243.55	127	20	89	63			12.1
	21	276	255.63	127	20	89	63			13.0
	22*	288	267.72	127	26	89	63			13.4
	23*	300	279.80	127	26	89	63			14.5
	24*	312	291.90	127	26	89	63			15.2
	25*	324	303.99	127	26	89	63			16.2
120-2	10	140	123.29	80	20	55	100			8.0
	11	153	135.24	90	20	60	100			8.7
	12	165	147.21	100	20	66	100			9.2
	13	177	159.20	115	20	75	100			10.9
	14	190	171.22	120	20	80	100			11.4
	15	202	183.25	120	20	80	100			13.2
	16	214	195.29	140	20	95	100			16.5
	17	227	207.35	140	20	95	100			19.0
	18	239	219.41	150	20	103	100	22.7	45.4	21.0
	19	251	231.48	150	20	103	100			23.0
	20	263	243.55	150	20	103	100			26.0
	21	276	255.63	150	20	103	100			28.0
	22*	288	267.72	147	26	103	100			30.0
	23*	300	279.80	147	26	103	100			31.0
	24*	312	291.90	157	26	110	100			33.0
	25*	324	303.99	157	26	110	100			35.0

* Sprockets marked with * will normally have welded boss Type "BW".

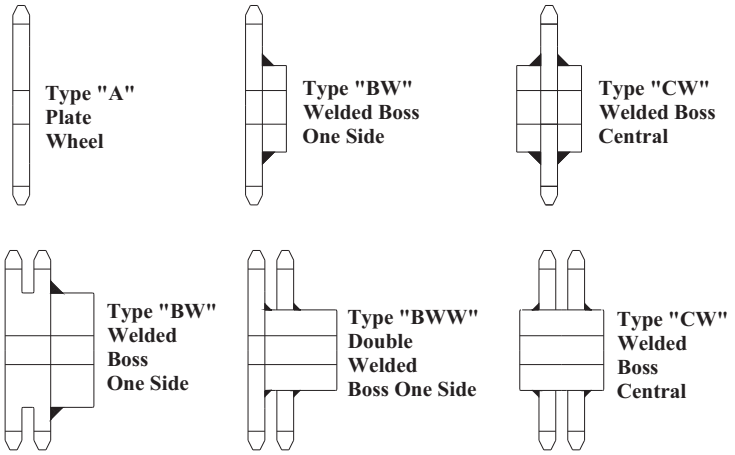
ALTERNATIVE NUMBERS OF TEETH : If the sprocket size you require does not appear in the above list, then please request details.

ALTERNATIVE CHAIN SIZES: Sprockets for all ANSI Roller Chains are available upon request including for Duplex & Triplex chains up to 3" pitch (140, 160, 200, 240).

HARDENED TEETH: Many of the sprockets listed above come with hardened teeth. Please check when ordering.

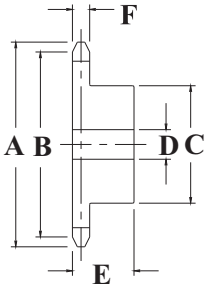
ALTERNATIVE BOSS DESIGNS: Sprockets can be ordered with welded bosses or as plate wheels if required.

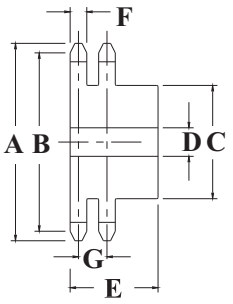
Alternative Sprocket Boss Designs



SPROCKETS FOR ROLLER CHAINS

BS TYPE "B"





(See notes of alternative designs offered at end of BS Sprocket details)

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
06B-1	14	47	42.81	32	10	18	20			0.12
	15	51	45.81	35	10	20	20			0.16
	16	54	48.82	37	10	20	20			0.19
	17	57	51.84	41	12	25	20			0.22
	18	60	54.85	44	12	25	20			0.25
	19	63	57.87	47	12	28	20			0.28
	20	66	60.89	50	12	30	20			0.32
	21	69	63.91	53	12	30	20	5.2	N/A	0.36
	22	72	66.93	56	12	35	20			0.37
	23	75	69.95	60	12	38	20			0.38
	24	78	72.97	53	12	32	22			0.43
	25	81	76.00	53	12	32	22			0.44
	26	84	79.02	53	12	32	22			0.45
	27	87	82.05	53	12	32	22			0.46
	28	90	85.07	53	12	32	22			0.46
	29	93	88.10	53	12	32	22			0.49
	30	96	91.12	53	12	32	22			0.51
06B-2	14	47	42.81	35	12	19	32			0.25
	15	51	45.81	35	12	19	32			0.28
	16	54	48.82	37	12	20	32			0.32
	17	57	51.84	41	12	24	32			0.38
	18	60	54.85	44	12	25	32			0.44
	19	63	57.87	47	12	28	32			0.49
	20	66	60.89	50	13	30	35			0.6
	21	69	63.91	53	13	32	35			0.67
	22	72	66.93	55	13	37	35	5.0	10.54	0.73
	23	75	69.95	57	15	38	35			0.78
	24	78	72.97	57	15	38	35			0.83
	25	81	76.00	57	15	38	35			0.87
	26	84	79.02	57	15	38	35			0.91
	27	87	82.05	57	15	38	35			0.98
	28	90	85.07	57	15	38	35			1.03
	29	93	88.10	57	15	38	35			1.05
	30	96	91.12	57	15	38	35			1.07
08B-1	13	59	53.07	37	14	20	22			0.23
	14	63	57.07	42	14	25	22			0.28
	15	67	61.08	46	14	28	22			0.34
	16	71	65.10	50	14	30	22			0.40
	17	76	69.12	54	14	32	22			0.46
	18	80	73.14	57	14	35	22			0.51
	19	84	77.16	62	14	40	22			0.59
	20	88	81.18	67	15	45	25			0.76
	21	92	85.21	71	15	48	25	7.0	N/A	0.85
	22	96	89.24	75	15	51	25			0.95
	23	100	93.27	77	15	51	25			1.00
	24	104	97.30	63	15	42	25			0.84
	25	108	101.33	63	15	42	25			0.88
	26	112	105.36	63	15	42	25			0.92
	27	116	109.40	63	15	42	25			0.96
	28	120	113.43	63	15	42	25			1.00
	29	124	117.46	63	15	42	25			1.05
	30	128	121.50	63	15	42	25			1.10

SPROCKETS FOR ROLLER CHAINS

BS TYPE "B"

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
08B-2	13	59	53.07	39	14	22	35			0.40
	14	63	57.07	43	14	25	35			0.47
	15	67	61.08	47	14	28	35			0.55
	16	71	65.10	50	14	30	35			0.65
	17	76	69.12	54	14	32	35			0.75
	18	80	73.14	59	14	38	35			0.85
	19	84	77.16	63	14	42	35			0.98
	20	88	81.18	67	14	45	40			1.30
	21	92	85.21	68	14	45	40	6.8	14.62	1.30
	22	96	89.24	72	14	48	40			1.50
	23	100	93.27	76	14	51	40			1.60
	24	104	97.30	80	14	55	40			1.80
	25	108	101.33	84	18	57	40			2.00
	26	112	105.36	88	18	60	40			2.20
	27	116	109.40	92	18	60	40			2.30
	28	120	113.43	96	18	66	40			2.50
	29	124	117.46	100	18	66	40			2.70
	30	128	121.50	100	18	66	40			2.80
10B-1	14	79	71.34	52	15	32	25			0.52
	15	84	76.35	57	15	35	25			0.62
	16	89	81.37	62	15	40	25			0.72
	17	94	86.39	67	15	45	25			0.83
	18	100	91.42	72	15	48	28			1.00
	19	105	96.45	73	15	48	28			1.10
	20	110	101.48	73	15	48	28			1.20
	21	115	106.51	73	15	48	28			1.20
	22	120	111.55	73	17	48	28	8.7	N/A	1.30
	23	125	116.58	73	17	48	28			1.30
	24	130	121.62	73	17	48	28			1.40
	25	135	126.66	73	17	48	28			1.50
	26	140	131.7	73	17	48	28			1.50
	27	145	136.74	73	17	48	28			1.50
	28	150	141.79	73	17	48	28			1.60
	29	155	146.83	73	17	48	28			1.70
	30	161	151.87	73	17	48	28			1.80
10B-2	14	79	71.34	54	14	32	40			0.90
	15	84	76.35	59	14	38	40			1.10
	16	89	81.37	64	14	42	45			1.40
	17	94	86.39	68	14	45	45			1.60
	18	100	91.42	74	14	48	45			1.80
	19	105	96.45	79	14	55	45			2.11
	20	110	101.48	84	18	57	45			2.30
	21	115	106.51	89	18	60	45			2.60
	22	120	111.55	94	18	63	50	8.4	17.02	3.00
	23	125	116.58	99	18	66	50			3.50
	24	130	121.62	105	18	70	50			3.80
	25	135	126.66	105	18	70	50			4.20
	26	140	131.7	105	18	70	50			4.50
	27	145	136.74	105	18	70	50			4.80
	28	150	141.79	110	18	75	50			4.10
	29	155	146.83	120	18	80	50			4.70
	30	161	151.87	120	18	80	50			4.80
12B-1	12	83	73.60	51	15	32	32			0.69
	13	89	79.60	57	15	35	32			0.81
	14	95	85.61	62	17	40	32			0.96
	15	101	91.62	68	17	45	32			1.10
	16	107	97.65	73	17	48	32			1.30
	17	113	103.67	73	17	48	32			1.40
	18	119	109.71	83	17	55	40			2.00
	19	126	115.74	83	17	55	40			2.10
	20	132	121.78	83	17	55	40			2.20
	21	138	127.82	83	17	55	40	10.5	N/A	2.30
	22	144	133.86	83	17	55	40			2.50
	23	150	139.90	83	17	55	40			2.50
	24	156	145.95	83	17	55	40			2.60
	25	162	151.99	83	17	55	40			2.70
	26	168	158.04	83	17	55	40			2.90
	27	174	164.09	83	21	55	40			3.00
	28	180	170.14	83	21	55	40			3.10
	29	187	176.20	83	21	55	40			3.30
	30	193	182.25	83	21	55	40			3.40

SPROCKETS FOR ROLLER CHAINS

BS TYPE "B"

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
12B-2	12	83	73.60	50	16	30	50			1.2
	13	89	79.60	60	18	38	50			1.4
	14	95	85.61	66	18	45	56			1.8
	15	101	91.62	72	18	48	56			2.1
	16	107	97.65	78	18	51	56			2.5
	17	113	103.67	82	18	55	56			2.6
	18	119	109.71	90	18	60	56			3.2
	19	126	115.74	94	18	63	56			3.7
	20	132	121.78	100	23	66	56	10.1	20.01	4.2
	21	138	127.82	100	23	66	56			4.4
	22	144	133.86	100	23	66	56			4.7
	23	150	139.90	100	23	66	56			4.9
	24	156	145.95	120	23	89	56			6.0
	25	162	151.99	120	23	89	56			6.4
	26	168	158.04	120	23	89	56			6.8
	27	174	164.09	120	23	89	56			7.3
	28	180	170.14	120	23	89	56			7.8
	29	187	176.20	130	28	89	56			8.5
	30	193	182.25	130	28	89	56			9.0
16B-1	10	93	82.19	52	17	32	40			0.97
	11	102	90.15	60	17	38	40			1.2
	12	110	98.14	67	21	45	40			1.5
	13	118	106.14	77	21	51	40			1.9
	14	127	114.15	77	21	51	40			2.0
	15	135	122.17	93	21	63	40			2.6
	16	143	130.20	93	21	63	40			2.8
	17	151	138.23	93	21	63	40	15.3	N/A	3.0
	18	159	146.27	93	21	63	40			3.2
	19	167	154.32	93	22	63	40			3.4
	20	176	162.37	93	22	63	40			3.6
	21	184	170.42	93	22	63	40			3.8
	22	192	178.48	107	26	75	45			5.0
	23	200	186.54	107	26	75	45			5.2
	24	208	194.60	107	26	75	45			5.5
	25	216	202.66	107	26	75	45			5.8
16B-2	10	93	82.19	58	21	35	63			2.0
	11	102	90.15	60	21	38	63			2.5
	12	110	98.14	69	23	46	63			2.7
	13	118	106.14	80	23	55	63			3.4
	14	127	114.15	88	23	60	63			3.9
	15	135	122.17	95	23	63	63			4.4
	16	143	130.20	100	23	66	71			5.4
	17	151	138.23	100	23	66	71			6.0
	18	159	146.27	120	23	80	71	14.8	32.53	7.5
	19	167	154.32	120	23	80	71			8.0
	20	176	162.37	130	23	80	71			9.0
	21	184	170.42	130	23	80	71			9.5
	22	192	178.48	117	33	80	71			8.8
	23	200	186.54	117	33	80	71			9.3
	24	208	194.60	117	33	80	80			10.5
	25	216	202.66	117	33	80	80			11.1
20B-1		117	102.74	65	22	45	50			1.9
	11	127	112.70	75	22	51	50			2.3
	12	138	122.67	86	22	57	50			2.9
	13	148	132.67	94	22	63	50			3.1
	14	158	142.68	98	22	66	50			3.6
	15	168	152.71	98	22	66	50			4.2
	16	179	162.74	98	22	66	50			4.6
	17	189	172.79	107	22	75	50			5.3
	18	199	182.84	107	22	75	50	18.0	N/A	5.7
	19	209	192.90	107	26	75	50			6.1
	20	220	202.96	107	26	75	50			6.5
	21	230	213.03	107	26	75	50			7.0
	22*	240	223.10	117	30	80	56			7.9
	23*	250	233.17	117	30	80	56			8.5
	24*	260	243.25	117	30	80	56			8.8
	25*	270	253.32	117	30	80	56			9.3

SPROCKETS FOR ROLLER CHAINS

BS TYPE "B"

Chain Reference	No. of Teeth	Top Diameter A	Pitch Circle Diameter B	Boss Diameter C	Pilot Bore Diameter D	Maximum Bore Dia. D	Through Boss E	Maximum Tooth Width F	Tooth Centre Distance G	Approx. Weight Kgs
20B-2	10	117	102.74	70	22	46	80			3.5
	11	127	112.70	80	22	55	80			4.2
	12	138	122.67	100	28	60	80			5.0
	13	148	132.67	110	28	66	80			6.0
	14	158	142.68	120	28	75	80			7.0
	15	168	152.71	130	28	80	80			7.1
	16	179	162.74	130	28	89	80			7.7
	17	189	172.79	130	28	89	80			8.9
	18	199	182.84	130	28	89	80	17.4	37.53	9.6
	19	209	192.90	130	28	89	90			12.8
	20*	220	202.96	130	28	89	90			13.5
	21*	230	213.03	130	28	89	90			14.3
	22*	240	223.10	127	28	89	90			15.5
	23*	250	233.17	127	28	89	90			16.6
	24*	260	243.25	137	38	95	90			17.8
	25*	270	253.32	137	38	95	90			18.5

* Sprockets marked with * will normally have a welded boss Type "BW"

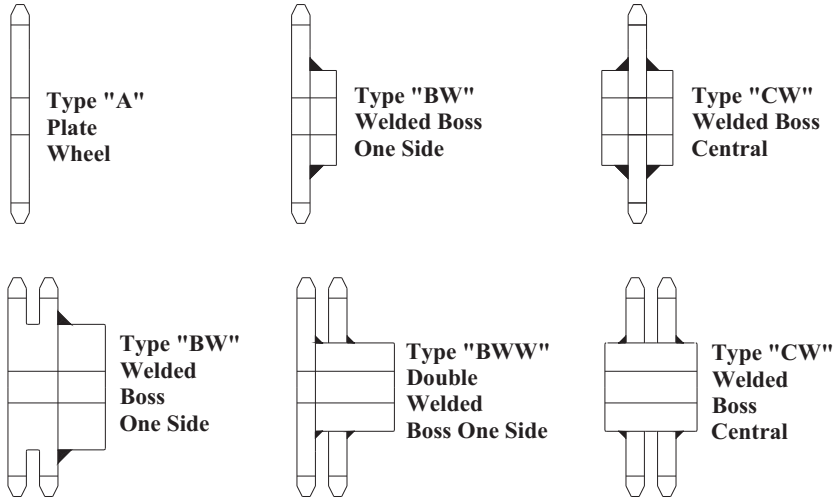
ALTERNATIVE NUMBERS OF TEETH : If the sprocket size you require does not appear in the above list, then please request details.

ALTERNATIVE CHAIN SIZES: Sprockets for all BS Roller Chains are available upon request including for Duplex & Triplex chains up to 3" pitch.

HARDENED TEETH: Many of the sprockets listed above come with hardened teeth. Please check when ordering.

ALTERNATIVE BOSS DESIGNS: Sprockets can be ordered with welded bosses or as plate wheels if required.

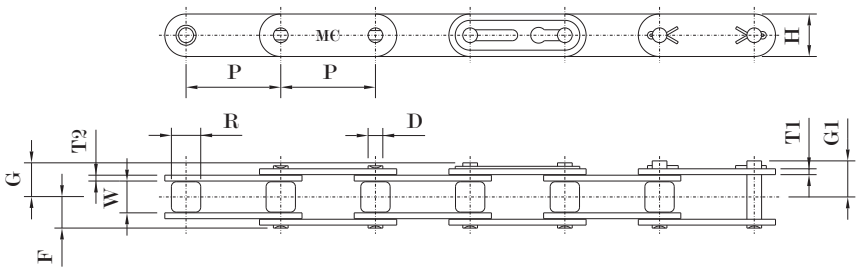
ALTERNATIVE SPROCKET BOSS DESIGNS



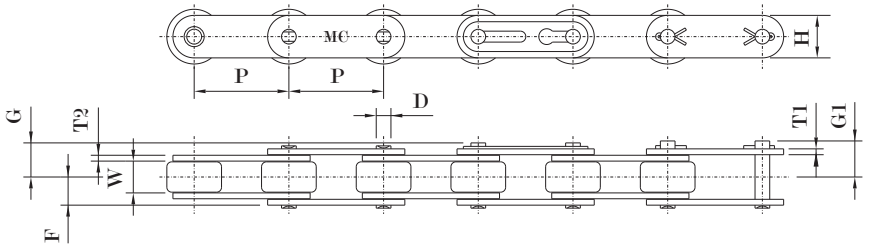
CONVEYOR CHAINS

ANSI STANDARD DOUBLE PITCH CONVEYOR CHAIN

DOUBLE PITCH CONVEYOR CHAIN

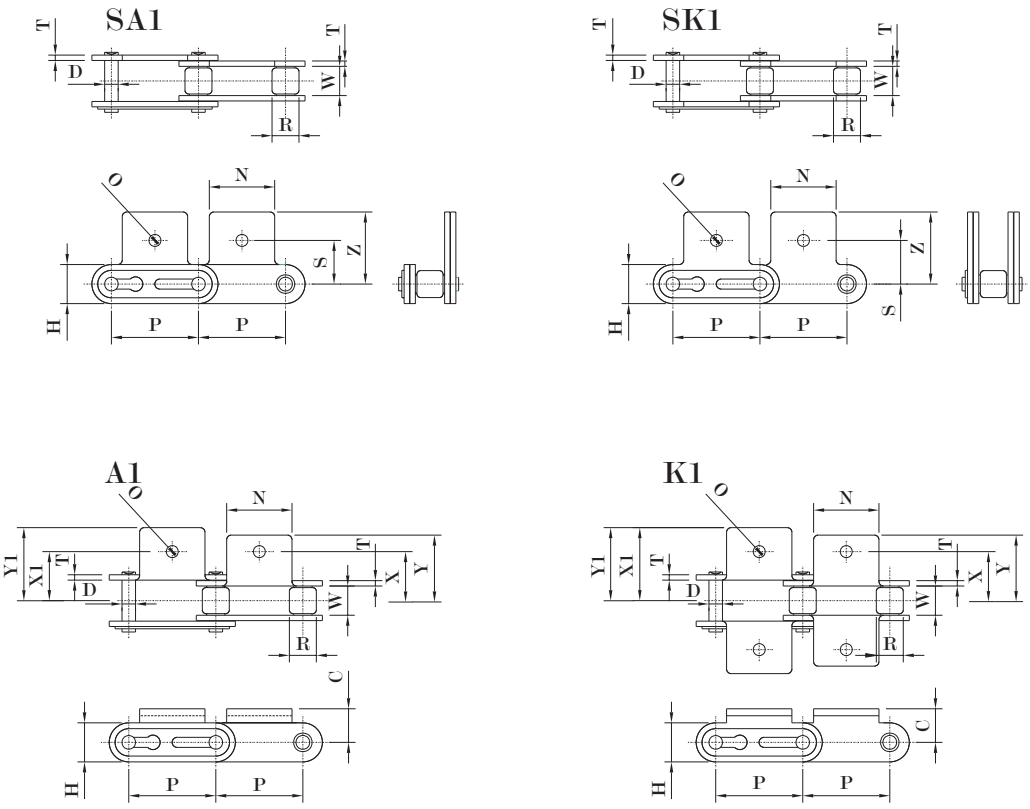


MC CHAIN NO.	Pitch x Width		Roller	Links			Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height	Thickness		Dia	Lengths				
	inch	mm	R	H	T1	T2	D	F	G	G1	kgf	kg/m
C2040	1"x5/16"	25.40x7.95	7.92	11.70	1.50	1.50	3.96	8.20	9.30	10.00	1850	0.49
C2050	1-1/4"x3/8"	31.75x9.53	10.16	14.60	2.00	2.00	5.06	10.10	11.65	12.60	3100	0.84
C2060H	1-1/2"x1/2"	38.10x12.70	11.91	17.10	3.10	3.10	5.95	14.10	15.70	16.60	5300	1.45
C2080H	2"x5/8"	50.80x15.88	15.88	23.00	3.90	3.90	7.94	17.90	19.40	20.80	9200	2.41
C2100H	2-1/2"x3/4"	63.50x19.05	19.05	28.90	4.70	4.70	9.52	21.70	---	24.90	13500	3.50
C2120H	3"x1"	76.20x25.40	22.20	35.00	5.60	5.60	11.10	26.98	---	30.57	17000	6.0



MC CHAIN NO.	Pitch x Width		Roller	Links			Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height	Thickness		Dia	Lengths				
	inch	mm	R	H	T1	T2	D	F	G	G1	kgf	kg/m
C2042	1"x5/16"	25.40x7.95	15.88	11.70	1.50	1.50	3.96	8.20	9.30	10.00	1850	0.86
C2052	1-1/4"x3/8"	31.75x9.53	19.05	14.60	2.00	2.00	5.06	10.10	11.65	12.60	3100	1.32
C2062H	1-1/2"x1/2"	38.10x12.70	22.23	17.10	3.10	3.10	5.95	14.10	15.70	16.60	5300	2.17
C2082H	2"x5/8"	50.80x15.88	28.58	23.00	3.90	3.90	7.94	17.90	19.40	20.80	9200	2.87
C2102H	2-1/2"x3/4"	63.50x19.05	39.67	28.90	4.70	4.70	9.52	21.70	---	24.90	13500	4.68
C2122H	3"x1"	76.20x25.40	44.45	35.00	5.60	5.60	11.10	26.98	---	30.57	17000	8.0

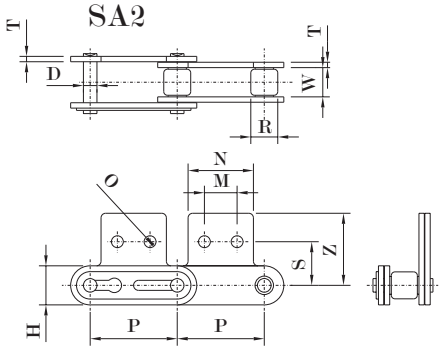
DOUBLE PITCH CONVEYOR CHAIN ATTACHMENTS

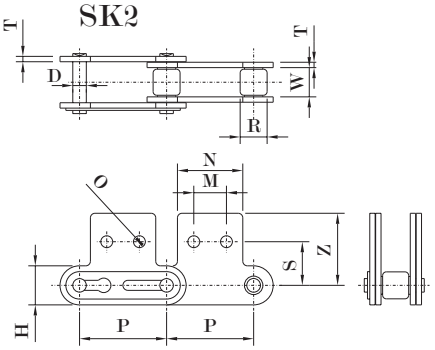


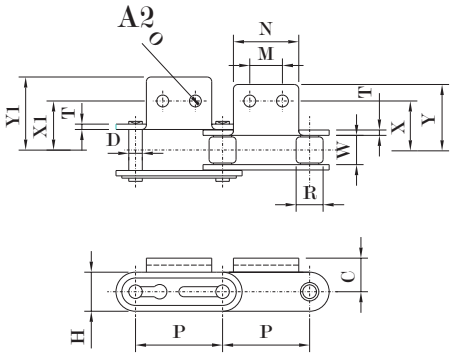
MC CHAIN NO.	Pitch	Width	Roller	Linkplate		Pin	Attachment										Average Ultimate Strength
			Dia	Height	Thickness	Dia		A-1 K-1	SA-1 SK-1	A-1,K-1					SA-1,SK-1		
	P	W	R	H	T	D	N	O	O	C	X	Y	X1	Y1	S	Z	kgf
C2040	25.40	7.95	7.92	11.70	1.50	3.96	19.10	3.60	5.10	9.10	12.70	17.65	12.70	19.30	11.10	19.80	1850
C2042	25.40	7.95	15.88	11.70	1.50	3.96	19.10	3.60	5.10	9.10	12.70	17.65	12.70	19.30	11.10	19.80	1850
C2050	31.75	9.53	10.16	14.60	2.00	5.06	23.80	5.10	6.80	11.10	15.90	21.95	15.90	24.15	14.25	24.10	3100
C2052	31.75	9.53	19.05	14.60	2.00	5.06	23.80	5.10	6.80	11.10	15.90	21.95	15.90	24.15	14.25	24.10	3100
C2060H	38.10	12.70	11.91	17.10	3.10	5.95	28.60	5.10	8.70	14.70	21.45	28.68	21.45	31.95	17.50	31.55	5300
C2062H	38.10	12.70	22.23	17.10	3.10	5.95	28.60	5.10	8.70	14.70	21.45	28.68	21.45	31.95	17.50	31.55	5300
C2080H	50.80	15.88	15.88	23.00	3.90	7.94	38.10	6.80	10.30	19.10	27.80	36.52	27.80	40.70	22.20	40.50	9200
C2082H	50.80	15.88	28.58	23.00	3.90	7.94	38.10	6.80	10.30	19.10	27.80	36.52	27.80	40.70	22.20	40.50	9200

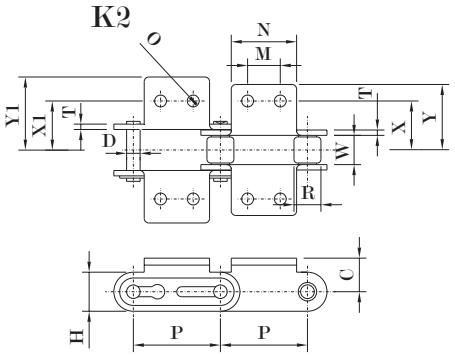
REMARK:Any special specifications,please feel free to contact us.

DOUBLE PITCH CONVEYOR CHAIN ATTACHMENTS









MC CHAIN NO.	Pitch	Width	Roller	Linkplate		Pin	Attachment										Average Ultimate Strength
			Dia	Height	Thickness	Dia				A-2,K-2					SA-2,SK-2		
	P	W	R	H	T	D	N	O	M	C	X	Y	X1	Y1	S	Z	kgf
C2040	25.40	7.95	7.92	11.70	1.50	3.96	19.10	3.60	9.50	9.10	12.70	17.65	12.70	19.30	13.60	19.80	1850
C2042	25.40	7.95	15.88	11.70	1.50	3.96	19.10	3.60	9.50	9.10	12.70	17.65	12.70	19.30	13.60	19.80	1850
C2050	31.75	9.53	10.16	14.60	2.00	5.06	23.80	5.10	11.90	11.10	15.90	21.95	15.90	24.15	15.90	24.10	3100
C2052	31.75	9.53	19.05	14.60	2.00	5.06	23.80	5.10	11.90	11.10	15.90	21.95	15.90	24.15	15.90	24.10	3100
C2060H	38.10	12.70	11.91	17.10	3.10	5.95	28.60	5.10	14.30	14.70	21.45	28.68	21.45	31.95	19.10	31.55	5300
C2062H	38.10	12.70	22.23	17.10	3.10	5.95	28.60	5.10	14.30	14.70	21.45	28.68	21.45	31.95	19.10	31.55	5300
C2080H	50.8	15.88	15.88	23.00	3.90	7.94	38.10	6.80	19.10	19.10	27.80	36.52	27.80	40.70	25.40	40.50	9200
C2082H	50.8	15.88	28.58	23.00	3.90	7.94	38.10	6.80	19.10	19.10	27.80	36.52	27.80	40.70	25.40	40.50	9200

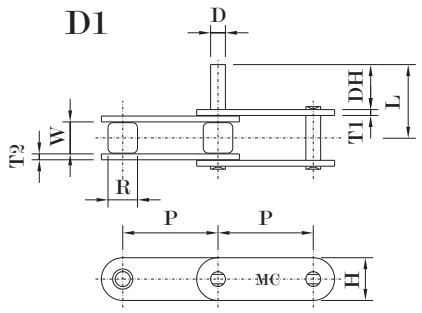
REMARK:Any special specifications, please feel free to contact us.

CONVEYOR CHAINS

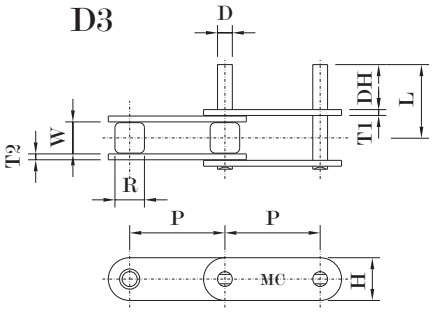
ANSI STANDARD DOUBLE PITCH CONVEYOR CHAIN ATTACHMENTS

DOUBLE PITCH CONVEYOR CHAIN ATTACHMENTS

D1

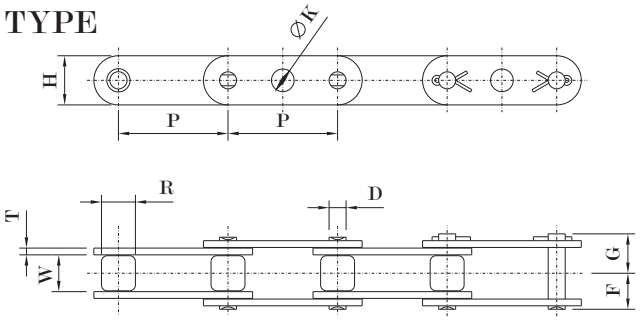


D3



MC CHAIN NO.	Pitch x Width		Roller	Links			Pin			Average Ultimate Strength
	P x W		Dia	Height	Thickness		Dia	Lenghts		
	inch	mm	R	H	T1	T2	D	DH	L	kgf
A2040	1"x5/16"	25.40x7.92	7.92	10.10	1.50	1.50	3.96	9.52	16.72	1850
A2050	1-1/4"x3/8"	31.75x9.53	10.16	12.60	2.00	2.00	5.06	11.91	20.96	3100
C2040	1"x5/16"	25.40x7.95	7.92	11.70	1.50	1.50	3.96	9.52	16.72	1850
C2042	1"x5/16"	25.40x7.95	15.88	11.70	1.50	1.50	3.96	9.52	16.72	1850
C2050	1-1/4"x3/8"	31.75x9.53	10.16	14.60	2.00	2.00	5.06	11.91	20.96	3100
C2052	1-1/4"x3/8"	31.75x9.53	19.05	14.60	2.00	2.00	5.06	11.91	20.96	3100
C2060H	1-1/2"x1/2"	38.10x12.70	11.91	17.10	3.10	3.10	5.95	14.27	27.07	5300
C2062H	1-1/2"x1/2"	38.10x12.70	22.23	17.10	3.10	3.10	5.95	14.27	27.07	5300
C2080H	2"x5/8"	50.80x15.88	15.88	23.00	3.90	3.90	7.94	19.05	35.18	9200
C2082H	2"x5/8"	50.80x15.88	28.58	23.00	3.90	3.90	7.94	19.05	35.18	9200
C2100H	2-1/2"x3/4"	63.50x19.05	19.05	28.90	4.70	4.70	9.52	23.80	43.40	13500
C2102H	2-1/2"x3/4"	63.50x19.05	39.67	28.90	4.70	4.70	9.52	23.80	43.40	13500
C2120H	3"x1"	76.20x25.40	22.20	35.00	5.60	5.60	11.10	28.60	53.08	17000
C2122H	3"x1"	76.20x25.40	44.45	35.00	5.60	5.60	11.10	28.60	53.08	17000

G TYPE

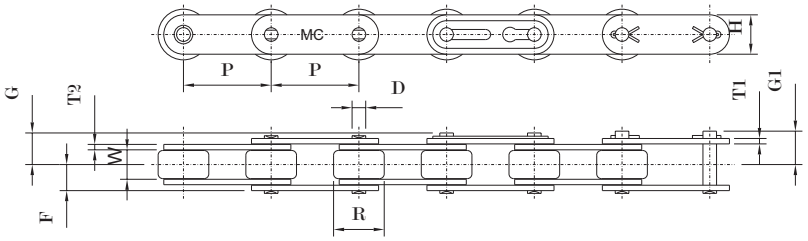


MC CHAIN NO.	Pitch	Roller Link Width	Roller	Links				Pin			Average Ultimate Strength
			Dia	Height	Thickness	Hole		Dia	Lenghts		
	P	W	R	H	T	K		D	F	G	kgf
C2040	25.40	7.95	7.92	11.70	1.50	4.20	---	3.96	10.10	8.20	1850
C2042	25.40	7.95	15.88	11.70	1.50	4.20	---	3.96	10.10	8.20	1850
C2050	31.75	9.53	10.16	14.60	2.00	6.50	8.10	5.06	12.60	10.10	3100
C2052	31.75	9.53	19.05	14.60	2.00	6.50	8.10	5.06	12.60	10.10	3100
C2060H	38.10	12.70	11.91	17.10	3.10	---	8.10	5.95	16.60	14.10	5300
C2062H	38.10	12.70	22.23	17.10	3.10	---	8.10	5.95	16.60	14.10	5300
C2080H	50.80	15.88	15.88	23.00	3.90	10.10	12.10	7.94	20.80	17.90	9200
C2082H	50.80	15.88	28.58	23.00	3.90	10.10	12.10	7.94	20.80	17.90	9200

CONVEYOR CHAINS

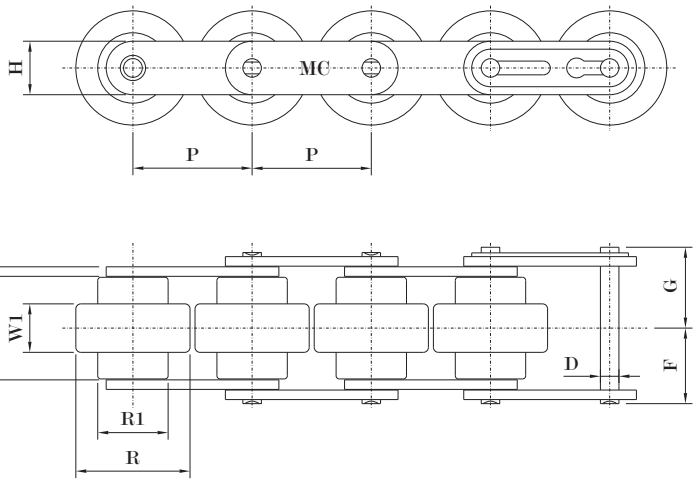
ANSI NON STANDARD DOUBLE PITCH CONVEYOR CHAIN

PLASTIC ROLLER CHAIN



MC CHAIN NO.	Pitch x Width		Roller	Links			Pin				Average Ultimate Strength	Approx Weight
	P x W		Dia	Height	Thickness		Dia	Lengths				
	inch	mm	R	H	T1	T2	D	F	G	G1	kgf	kg/m
C2042 EP	1"x5/16"	25.40x7.95	15.88	11.70	1.50	1.50	3.96	8.20	9.30	10.00	1850	0.49
C2052 EP	1-1/4"x3/8"	31.75x9.53	19.05	14.60	2.00	2.00	5.06	10.10	11.65	12.60	3100	0.80
C2062H EP	1-1/2"x1/2"	38.10x12.70	22.23	17.10	3.10	3.10	5.95	14.10	15.70	16.60	5300	1.40
C2082H EP	2"x5/8"	50.80x15.88	28.58	23.00	3.90	3.90	7.94	17.90	19.40	20.80	9200	2.26
C2102H EP	2-1/2"x3/4"	63.50x19.05	39.67	28.90	4.70	4.70	9.52	21.70	---	24.90	13500	3.40
C2122H EP	3"x1"	76.20x25.40	44.45	35.00	5.60	5.60	11.10	26.98	---	30.57	17000	4.66

DOUBLE-PLUS CHAIN

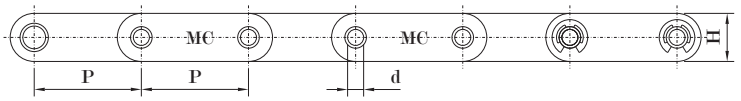


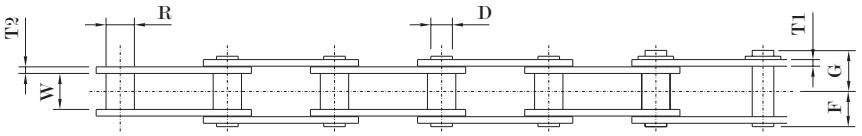
MC CHAIN NO.	Pitch	Roller Link Width	Roller			Linkplate		Pin			Average Ultimate Strength	Approx Weight
			Height	Dia		Height	Thickness	Dia	Lengths			
	P	W	W1	R	R1	H	T	D	F	G	kgf	kg/m
C2050 -JDS	31.75	27.40	12.60	30.60	19.05	14.60	2.00	5.06	19.20	20.70	3000	1.40
C2060H -TDS	38.10	40.60	20.00	37.00	17.80	17.10	3.10	5.95	28.05	29.45	4600	2.10
C2060H -JDS	38.10	33.10	15.50	36.50	22.50	17.10	3.10	5.95	24.15	25.85	4600	2.00

CONVEYOR CHAINS

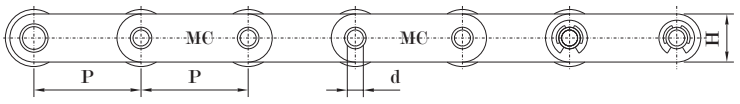
ANSI NON STANDARD DOUBLE PITCH CONVEYOR CHAIN

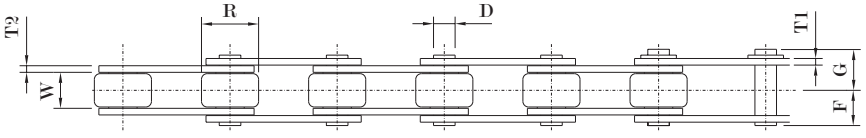
HOLLOW PIN CHAIN





MC CHAIN NO.	Pitch x Width P x W		Roller Dia	Links Height	Links Thickness		Pin Dia	Pin Lengths			Average Ultimate Strength	Approx Weight
	inch	mm	R	H	T1	T2	D	d (min)	F	G	kgf	kg/m
C2040HP	1"x5/16"	25.40x7.95	7.92	11.70	1.50	1.50	5.58	4.00	7.90	9.40	1300	0.45
C2050HP	1-1/4"x3/8"	31.75x9.53	10.16	14.60	2.00	2.00	7.01	5.12	9.90	11.65	2000	0.74
C2060HP	1-1/2"x1/2"	38.10x12.70	11.91	17.10	2.40	2.40	8.12	5.99	12.40	14.25	3050	1.10
C2080HP	2"x5/8"	50.80x15.88	15.88	23.00	3.10	3.10	11.27	8.02	16.30	17.75	5800	1.95





MC CHAIN NO.	Pitch x Width P x W		Roller Dia	Links Height	Links Thickness		Pin Dia	Pin Lengths			Average Ultimate Strength	Approx Weight
	inch	mm	R	H	T1	T2	D	d (min)	F	G	kgf	kg/m
C2042HP	1"x5/16"	25.40x7.95	15.88	11.70	1.50	1.50	5.58	4.00	7.90	9.40	1300	0.78
C2052HP	1-1/4"x3/8"	31.75x9.53	19.05	14.60	2.00	2.00	7.01	5.12	9.90	11.65	2000	1.23
C2062HP	1-1/2"x1/2"	38.10x12.70	22.23	17.10	2.40	2.40	8.12	5.99	12.40	14.25	3050	1.76
C2082HP	2"x5/8"	50.80x15.88	28.58	23.00	3.10	3.10	11.27	8.02	16.30	17.75	5800	3.14

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN

CHAIN SELECTION:
The following few pages set out the standard chains available in this series with sections for:
1. Hollow Stud Chain. 2. Solid Stud Chain. 3. Standard Attachments. 4. Deep Link Chain.
We have made no attempt to give detail of chain selection procedures in this catalogue.
PLEASE ASK US FOR FREE ADVICE.

Chain Series	Breaking Load	
	Hollow Stud	Solid Stud
0	26.7 kN / 6,000 lbs	33 kN / 7,500 lbs
1	54 kN / 12,000 lbs	67 kN / 15,000 lbs
2	107kN / 24,000 lbs	134 kN / 30,000 lbs
3	160 kN / 36,000 lbs	200 kN / 45,000 lbs
4	N / A	267 kN / 60,000 lbs
5	N / A	400 kN / 90,000 lbs

N.B. 1 kN = 101.97 kgs.

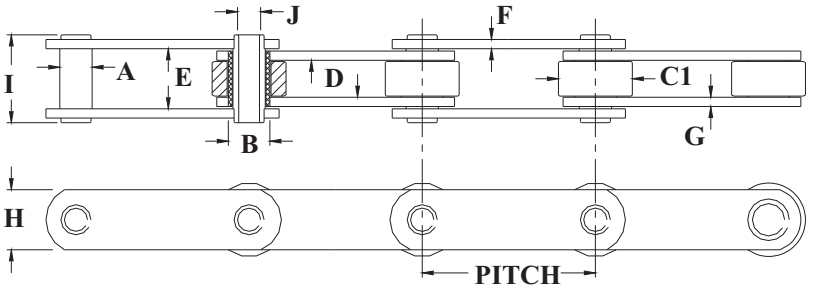
ALTERNATIVE BREAKING LOAD CHAINS: All of the above chains can be supplied with increased breaking load capacity of up to 200% of standard while retaining largely the same basic dimensions. This is achieved through the use of enhanced materials and / or heat treatment. They are particularly useful for conveyors with with long sprocket centres or very slow speeds or infrequent use or only occasional shock loading. **PLEASE ASK US FOR FREE ADVICE.**

ALTERNATIVE MATERIALS & FINISH: All of the above chains can be supplied using alternative materials or with special coatings e.g.
1. All Components **zinc plated** to provide moderate corrosion resistance.
2. Pins, bushes, rollers, sidebars and / or attachments in **stainless steel** for high corrosion resistance. The grades of stainless steel can be varied dependant upon the unique conditions of the application.
3. Rollers fitted with **oilite bushes** to aid lubrication.
3. Rollers fitted with roller or needle **bearings** to reduce the coefficient of friction.
4. Rollers manufactured in **engineering plastic** to reduce corrosion and noise.
5. Pins, bushes & rollers supplied with **semi-permanent lubricant coatings** such as graphite.
PLEASE ASK US FOR FREE ADVICE.

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - HOLLOW STUD

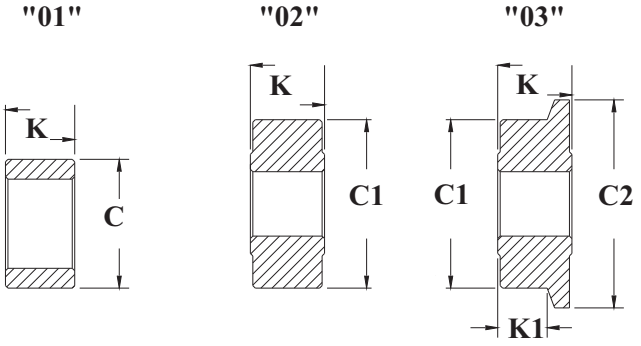
HOLLOW STUD



Chain Series	Stud Dia.	Bush Dia.	Roller Type	Inside Width	Between Outers	Outer Bar Width	Inner Bar Width	Side Bar Height	Stud Length	Hollow Stud Bore
	A	B		D	E	F	G	H	I	J
Series "0" 26.7 kN / 6,000 lbs	14	18	*	15	26	4	4	26	38	10.1
Series "1" 54 kN / 12,000 lbs	19	23.6	*	19	33	4	5	40	46.5	13.2
Series "2" 107 kN / 24,000 lbs	27	33	*	25.4	42	6.3	6.3	50	62	20.1
Series "3" 160 kN / 36,000 lbs	32	38.1	*	38.1	58	8.3	8.3	65	82	23

*For Roller details (00, 01, 02, 03) use Roller Detail section below.

STANDARD ROLLER TYPES - ("00" = ROLLERLESS)



Chain Series	Roller Type							
	01		02		03			
	K	C	K	C1	K	K1	C1	C2
Series "0" 26.7 kN / 6,000 lbs	14	25.4	14	31.8	14	11	31.8	40
Series "1" 54 kN / 12,000 lbs	18	38.1	18	47.6	18	13	47.6	60
Series "2" 107 kN / 24,000 lbs	24	47.6	24	66.7	24	17	66.7	85
Series "3" 160 kN / 36,000 lbs	37	47.6	37	88.9	37	28	88.9	114

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - HOLLOW STUD

Chain Reference	Pitch in. mm *	Roller Type	Approx. Weight Kgs/M
Series "0"			
26.7kN / 6,000 lbs			
24IBSA000	1.5"	00	3.12
50MBSA000	50mm	00	2.64
50MBSA001	50mm	01	3.04
50MBSA002	50mm	02	3.54
50MBSA003	50mm	03	4.04
32IBSA000	2.0"	00	2.61
32IBSA001	2.0"	01	3.00
32IBSA002	2.0"	02	3.50
32IBSA003	2.0"	03	4.00
75MBSA000	75mm	00	2.31
75MBSA001	75mm	01	2.58
75MBSA002	75mm	02	2.90
75MBSA003	75mm	03	3.23
48IBSA000	3.0"	00	2.29
48IBSA001	3.0"	01	2.56
48IBSA002	3.0"	02	2.88
48IBSA003	3.0"	03	3.21
100MBSA000	100mm	00	2.15
100MBSA001	100mm	01	2.35
100MBSA002	100mm	02	2.60
100MBSA003	100mm	03	2.84
64IBSA000	4.0"	00	2.13
64IBSA001	4.0"	01	2.33
64IBSA002	4.0"	02	2.58
64IBSA003	4.0"	03	2.82
150MBSA000	150mm	00	1.98
150MBSA001	150mm	01	2.12
150MBSA002	150mm	02	2.28
150MBSA003	150mm	03	2.45
96IBSA000	6.0"	00	1.97
96IBSA001	6.0"	01	2.10
96IBSA002	6.0"	02	2.27
96IBSA003	6.0"	03	2.43
Series "1"			
54 kN / 12,000 lbs			
50MBSA100	50mm	00	6.05
32IBSA100	2.0"	00	6.01
75MBSA100	75mm	00	4.50
75MBSA101	75mm	01	5.82
75MBSA102	75mm	02	7.03
75MBSA103	75mm	03	7.43
48IBSA100	3.0"	00	4.45
48IBSA101	3.0"	01	5.75
48IBSA102	3.0"	02	6.95
48IBSA103	3.0"	03	7.35
100MBSA100	100mm	00	4.09
100MBSA101	100mm	01	5.08
100MBSA102	100mm	02	5.96
100MBSA103	100mm	03	6.23
64IBSA100	4.0"	00	4.05
64IBSA101	4.0"	01	5.03
64IBSA102	4.0"	02	5.92
64IBSA103	4.0"	03	6.20
150MBSA100	150mm	00	3.67
150MBSA101	150mm	01	4.33
150MBSA102	150mm	02	4.92
150MBSA103	150mm	03	5.12
96IBSA100	6.0"	00	3.65
96IBSA101	6.0"	01	4.30
96IBSA102	6.0"	02	4.90
96IBSA103	6.0"	03	5.10

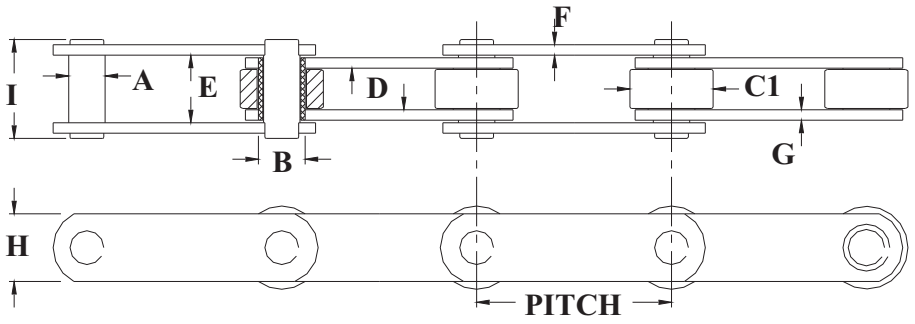
Chain Reference	Pitch in. mm *	Roller Type	Approx. Weight Kgs/M
Series "2"			
107 kN / 24,000 lbs			
100MBSA200	100mm	00	7.97
100MBSA201	100mm	01	9.72
100MBSA202	100mm	02	12.97
100MBSA203	100mm	03	13.97
64IBSA200	4.0"	00	7.85
64IBSA201	4.0"	01	9.57
64IBSA202	4.0"	02	12.77
64IBSA203	4.0"	03	13.75
150MBSA200	150mm	00	7.01
150MBSA201	150mm	01	8.18
150MBSA202	150mm	02	10.34
150MBSA203	150mm	03	11.01
96IBSA200	6.0"	00	6.92
96IBSA201	6.0"	01	8.07
96IBSA202	6.0"	02	10.20
96IBSA203	6.0"	03	10.85
200MBSA200	200mm	00	6.51
200MBSA201	200mm	01	7.39
200MBSA202	200mm	02	8.98
200MBSA203	200mm	03	9.45
128IBSA200	8.0"	00	6.47
128IBSA201	8.0"	01	7.33
128IBSA202	8.0"	02	8.93
128IBSA203	8.0"	03	9.40
144IBSA200	9.0"	00	6.32
144IBSA201	9.0"	01	7.09
144IBSA202	9.0"	02	8.51
144IBSA203	9.0"	03	8.94
250MBSA200	250mm	00	5.89
250MBSA201	250mm	01	6.59
250MBSA202	250mm	02	7.94
250MBSA203	250mm	03	8.34
Series "3"			
160 kN / 36,000 lbs			
150MBSA300	150mm	00	11.73
150MBSA301	150mm	01	13.10
150MBSA302	150mm	02	22.37
150MBSA303	150mm	03	23.68
96IBSA300	6.0"	00	11.65
96IBSA301	6.0"	01	12.94
96IBSA302	6.0"	02	22.15
96IBSA303	6.0"	03	23.45
200MBSA300	200mm	00	10.85
200MBSA301	200mm	01	11.82
200MBSA302	200mm	02	18.71
200MBSA303	200mm	03	19.77
128IBSA300	8.0"	00	10.79
128IBSA301	8.0"	01	11.75
128IBSA302	8.0"	02	18.60
128IBSA303	8.0"	03	19.65
144IBSA300	9.0"	00	10.51
144IBSA301	9.0"	01	11.37
144IBSA302	9.0"	02	17.50
144IBSA303	9.0"	03	18.38
250MBSA300	250mm	00	9.11
250MBSA301	250mm	01	9.93
250MBSA302	250mm	02	15.72
250MBSA303	250mm	03	16.61

N.B. * Other pitch sizes are available upon request

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - SOLID STUD

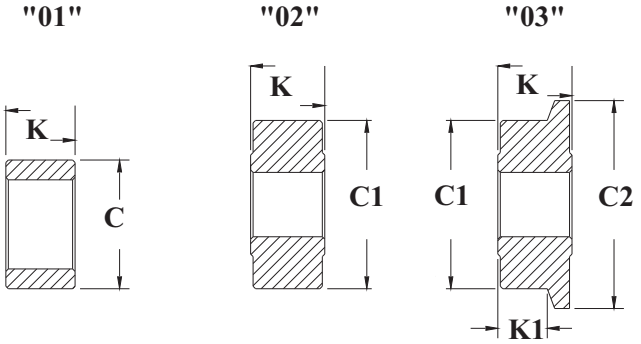
SOLID STUD



Chain Series	Stud Dia. A	Bush Dia. B	Roller Type	Inside Width D	Between Outers E	Outer Bar Width F	Inner Bar Width G	Side Bar Height H	Stud Length I
Series "0" 33.4 kN / 7,500 lbs	14	18	*	15	26	4	4	26	38
Series "1" 67 kN / 15,000 lbs	19	23.6	*	19	33	4	5	40	46.5
Series "2" 134 kN / 30,000 lbs	27	33	*	25.4	42	6.3	6.3	50	62
Series "3" 200 kN / 45,000 lbs	32	38.1	*	38.1	58	8.3	8.3	65	82
Series "4" 267 kN / 60,000 lbs	23	38.1	*	38.1	59	8.3	9.2	65	83
Series "5" 400 kN / 90,000 lbs	29.4	38.1	*	38.1	67	10.3	12.3	65	95

*For Roller details (00, 01, 02, 03) use Roller Detail section below.

STANDARD ROLLER TYPES - ("00" = ROLLERLESS)



Chain Series	Roller Type							
	01		02		03			
	K	C	K	C1	K	K1	C1	C2
Series "0" 26.7 kN / 6,000 lbs	14	25.4	14	31.8	14	11	31.8	40
Series "1" 54 kN / 12,000 lbs	18	38.1	18	47.6	18	13	47.6	60
Series "2" 107 kN / 24,000 lbs	24	47.6	24	66.7	24	17	66.7	85
Series "3" 200 kN / 45,000 lbs	37	47.6	37	88.9	37	28	88.9	114
Series "4" 267 kN / 60,000 lbs	37	47.6	37	88.9	37	28	88.9	114
Series "5" 400 kN / 90,000 lbs	37	47.6	37	88.9	37	28	88.9	114

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - SOLID STUD

Chain Reference	Pitch in. mm *	Roller Type	Approx. Weight Kgs/M
Series "0"			
33 kN / 7,500 lbs			
24IBSB000	1.5"	00	3.54
50MBSB000	50mm	00	2.94
50MBSB001	50mm	01	3.34
50MBSB002	50mm	02	3.61
50MBSB003	50mm	03	4.52
32IBSB000	2.0"	00	3.07
32IBSB001	2.0"	01	3.46
32IBSB002	2.0"	02	3.95
32IBSB003	2.0"	03	4.45
75MBSB000	75mm	00	2.62
75MBSB001	75mm	01	2.89
75MBSB002	75mm	02	3.21
75MBSB003	75mm	03	3.53
48IBSB000	3.0"	00	2.59
48IBSB001	3.0"	01	2.86
48IBSB002	3.0"	02	3.19
48IBSB003	3.0"	03	3.51
100MBSB000	100mm	00	2.39
100MBSB001	100mm	01	2.59
100MBSB002	100mm	02	2.82
100MBSB003	100mm	03	3.07
64IBSB000	4.0"	00	2.36
64IBSB001	4.0"	01	2.56
64IBSB002	4.0"	02	2.80
64IBSB003	4.0"	03	3.05
150MBSB000	150mm	00	2.15
150MBSB001	150mm	01	2.28
150MBSB002	150mm	02	2.45
150MBSB003	150mm	03	2.61
96IBSB000	6.0"	00	2.12
96IBSB001	6.0"	01	2.25
96IBSB002	6.0"	02	2.42
96IBSB003	6.0"	03	2.58
Series "1"			
67 kN / 15,000 lbs			
50MBSB100	50mm	00	6.38
32IBSB100	2.0"	00	6.28
75MBSB100	75mm	00	5.18
75MBSB101	75mm	01	6.50
75MBSB102	75mm	02	7.76
75MBSB103	75mm	03	8.17
48IBSB100	3.0"	00	5.14
48IBSB101	3.0"	01	6.44
48IBSB102	3.0"	02	7.64
48IBSB103	3.0"	03	8.04
100MBSB100	100mm	00	4.61
100MBSB101	100mm	01	5.60
100MBSB102	100mm	02	6.47
100MBSB103	100mm	03	6.77
64IBSB100	4.0"	00	4.57
64IBSB101	4.0"	01	5.55
64IBSB102	4.0"	02	6.44
64IBSB103	4.0"	03	6.74
150MBSB100	150mm	00	3.98
150MBSB101	150mm	01	4.64
150MBSB102	150mm	02	5.27
150MBSB103	150mm	03	5.45
96IBSB100	6.0"	00	4.00
96IBSB101	6.0"	01	4.65
96IBSB102	6.0"	02	5.25
96IBSB103	6.0"	03	5.45

Chain Reference	Pitch in. mm *	Roller Type	Approx. Weight Kgs/M
Series "2"			
134 kN / 30,000 lbs			
100MBSB200	100mm	00	9.45
100MBSB201	100mm	01	11.20
100MBSB202	100mm	02	14.45
100MBSB203	100mm	03	15.45
64IBSB200	4.0"	00	9.32
64IBSB201	4.0"	01	11.04
64IBSB202	4.0"	02	14.24
64IBSB203	4.0"	03	15.20
150MBSB200	150mm	00	8.20
150MBSB201	150mm	01	9.37
150MBSB202	150mm	02	11.20
150MBSB203	150mm	03	11.80
96IBSB200	6.0"	00	7.92
96IBSB201	6.0"	01	9.07
96IBSB202	6.0"	02	11.20
96IBSB203	6.0"	03	11.85
200MBSB200	200mm	00	7.50
200MBSB201	200mm	01	8.38
200MBSB202	200mm	02	9.70
200MBSB203	200mm	03	10.20
128IBSB200	8.0"	00	7.21
128IBSB201	8.0"	01	8.07
128IBSB202	8.0"	02	9.67
128IBSB203	8.0"	03	10.16
144IBSB200	9.0"	00	6.98
144IBSB201	9.0"	01	7.75
144IBSB202	9.0"	02	9.15
144IBSB203	9.0"	03	9.60
250MBSB200	250mm	00	7.00
250MBSB201	250mm	01	7.70
250MBSB202	250mm	02	8.90
250MBSB203	250mm	03	9.20
Series "3"			
200 kN / 45,000 lbs			
150MBSB300	150mm	00	13.90
150MBSB301	150mm	01	15.20
150MBSB302	150mm	02	24.40
150MBSB303	150mm	03	25.95
96IBSB300	6.0"	00	13.70
96IBSB301	6.0"	01	14.99
96IBSB302	6.0"	02	24.06
96IBSB303	6.0"	03	25.55
200MBSB300	200mm	00	12.50
200MBSB301	200mm	01	13.48
200MBSB302	200mm	02	20.42
200MBSB303	200mm	03	21.44
128IBSB300	8.0"	00	12.20
128IBSB301	8.0"	01	13.16
128IBSB302	8.0"	02	20.10
128IBSB303	8.0"	03	21.10
144IBSB300	9.0"	00	11.80
144IBSB301	9.0"	01	12.66
144IBSB302	9.0"	02	18.75
144IBSB303	9.0"	03	19.70
250MBSB300	250mm	00	11.50
250MBSB301	250mm	01	12.29
250MBSB302	250mm	02	16.40
250MBSB303	250mm	03	17.20

N.B. * Other pitch sizes are available upon request

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - SOLID STUD

Chain Reference	Pitch in. mm *	Roller Type	Approx. Weight Kgs/M
Series "4"			
267 kN / 60,000 lbs			
150MBSB400	150mm	00	13.54
150MBSB401	150mm	01	14.85
150MBSB402	150mm	02	24.26
150MBSB403	150mm	03	25.63
96IBSB400	6.0"	00	13.42
96IBSB401	6.0"	01	14.71
96IBSB402	6.0"	02	23.78
96IBSB403	6.0"	03	25.13
200MBSB400	200mm	00	12.20
200MBSB401	200mm	01	13.18
200MBSB402	200mm	02	20.18
200MBSB403	200mm	03	21.36
128IBSB400	8.0"	00	12.00
128IBSB401	8.0"	01	12.97
128IBSB402	8.0"	02	19.81
128IBSB403	8.0"	03	20.93
144IBSB400	9.0"	00	11.62
144IBSB401	9.0"	01	12.14
144IBSB402	9.0"	02	18.53
144IBSB403	9.0"	03	19.53
250MBSB400	250mm	00	11.65
250MBSB401	250mm	01	12.43
250MBSB402	250mm	02	14.60
250MBSB403	250mm	03	15.50
166IBSB400	10.0"	00	11.37
166IBSB401	10.0"	01	12.25
166IBSB402	10.0"	02	17.67
166IBSB403	10.0"	03	18.40
300MBSB400	300mm	00	10.83
300MBSB401	300mm	01	11.48
300MBSB402	300mm	02	16.11
300MBSB403	300mm	03	16.87
192IBSB400	12.0"	00	10.77
192IBSB401	12.0"	01	11.42
192IBSB402	12.0"	02	15.98
192IBSB403	12.0"	03	16.73

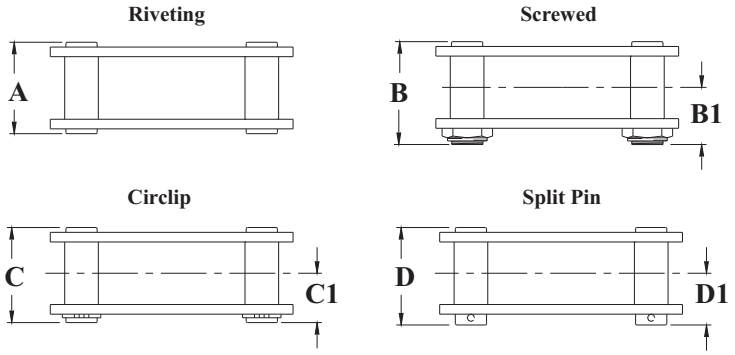
Chain Reference	Pitch in. mm *	Roller Type	Approx. Weight Kgs/M
Series "5"			
400 kN / 90,000 lbs			
150MBSB500	150mm	00	20.00
150MBSB501	150mm	01	21.31
150MBSB502	150mm	02	30.60
150MBSB503	150mm	03	31.93
96IBSB500	6.0"	00	19.62
96IBSB501	6.0"	01	20.91
96IBSB502	6.0"	02	30.12
96IBSB503	6.0"	03	31.43
200MBSB500	200mm	00	17.60
200MBSB501	200mm	01	18.58
200MBSB502	200mm	02	25.79
200MBSB503	200mm	03	26.79
128IBSB500	8.0"	00	17.52
128IBSB501	8.0"	01	18.49
128IBSB502	8.0"	02	25.39
128IBSB503	8.0"	03	26.37
144IBSB500	9.0"	00	16.82
144IBSB501	9.0"	01	17.67
144IBSB502	9.0"	02	23.88
144IBSB503	9.0"	03	24.70
250MBSB500	250mm	00	15.70
250MBSB501	250mm	01	16.48
250MBSB502	250mm	02	22.21
250MBSB503	250mm	03	23.04
166IBSB500	10.0"	00	15.60
166IBSB501	10.0"	01	16.37
166IBSB502	10.0"	02	22.08
166IBSB503	10.0"	03	22.90
300MBSB500	300mm	00	15.65
300MBSB501	300mm	01	16.30
300MBSB502	300mm	02	20.88
300MBSB503	300mm	03	21.50
192IBSB500	12.0"	00	15.40
192IBSB501	12.0"	01	16.05
192IBSB502	12.0"	02	20.65
192IBSB503	12.0"	03	21.30

N.B. * Other pitch sizes are available upon request

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - CONNECTING LINKS

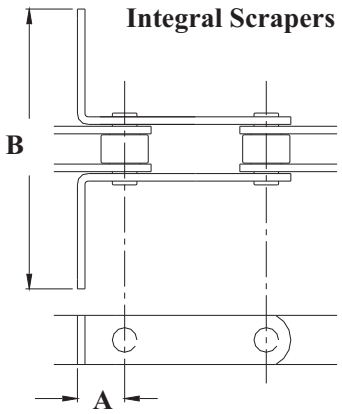
CONNECTING LINKS - HOLLOW & SOLID STUD



Chain Series	Connecting Link Type (maximum sizes)						
	Rivet	Screwed*		Circlip		Split Pin*	
	A	B	B1	C	C1	D	D1
Series "0"	38	49	30	41	22	49	30
Series "1"	46.5	59	36	51	28	59	36
Series "2"	62	76	46	64	33	76	46
Series "3"	82	96	56	N/A	N/A	96	56
Series "4"	83	96	56	N/A	N/A	96	56
Series "5"	95	108	60.5	N/A	N/A	108	60.5

* Not available in Hollow Stud versions.

BS STANDARD CONVEYOR CHAIN - INTEGRAL SCRAPERS.



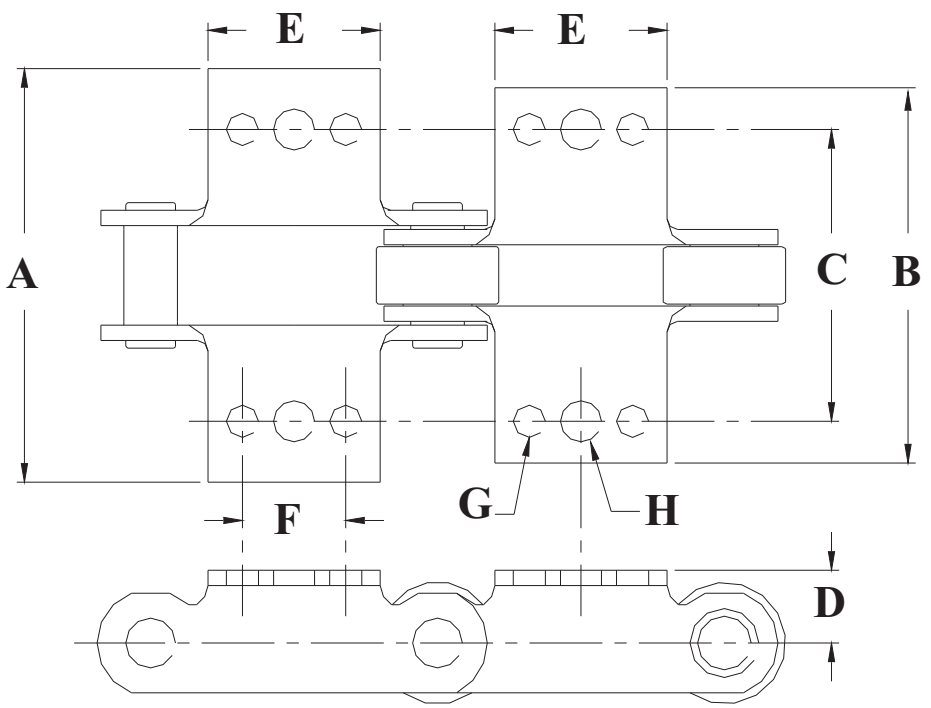
Scraper attachments are often supplied with drilled attachment holes upon request.

Welded scraper attachments are available in any size as required, with or without drilled attachment holes.

Scraper chains can be supplied dipped in a vegetable based oil upon request.

	Scraper Attachments - Integral Type					
	Chain Series					
	0	1	2	3	4	5
A (max)	25	25	45	50	55	60
B	Box Width less 10 mm					

"K" ATTACHMENTS - INTEGRAL TYPE



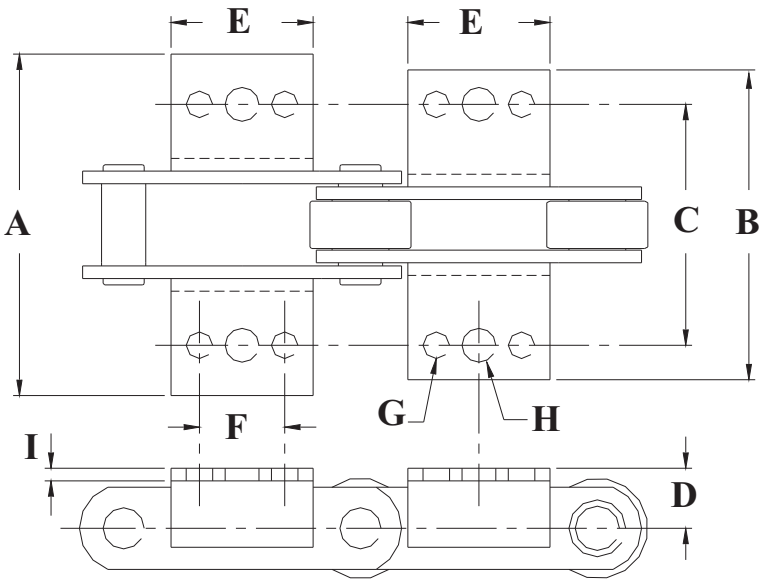
Chain Series	"K" Attachment Details - Integral Type													
	Pitch inches	A	B	C	D	E			F			G	H	Weight each kgs
						K1	K2	K3	K1	K2	K3			
Series "0"	2.0	118	107	76.2	19	38.1	38.1	N/A	N/A	22.2	N/A	9.4	10.7	0.05
	3.0	118	107	76.2	19	38.1	38.1	N/A	N/A	22.2	N/A	9.4	10.7	0.05
	4.0	118	107	76.2	19	N/A	N/A	64	N/A	N/A	38.1	9.4	10.7	0.08
	6.0	118	107	76.2	19	N/A	N/A	114	N/A	N/A	57.2	9.4	10.7	0.14
Series "1"	3.0	118	115	88.9	31.8	38.1	N/A	N/A	N/A	N/A	N/A	N/A	14	0.08
	4.0	118	115	88.9	31.8	N/A	N/A	64	N/A	N/A	31.8	10.7	14	0.13
	6.0	118	115	88.9	31.8	N/A	N/A	114	N/A	N/A	57.2	10.7	14	0.24

ALTERNATIVE "K" TYPE ATTACHMENTS:
The integral "K" type atachments shown above are the standard sizes available. These can not be varied.
Welded "K" type attachments are available for all pitch sizes. Please see the details shown on page 59
If you still have any queires, then **PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - "K" TYPE ATTACHMENTS

"K" ATTACHMENTS - WELDED TYPE



Chain Series	"K" Attachment Details - Welded Type														
	Pitch inches	A	B	C	D	E			F			G	H	I	Kgs/ each
						K1	K2	K3	K1	K2	K3				
Series "0"	3.0	114	103	76.2	19	28	43	N/A	N/A	22.2	N/A	9.4	10.7	4	0.08
	4.0	114	103	76.2	19	N/A	N/A	56	N/A	N/A	31.8	9.4	10.7	4	0.10
	6.0	114	103	76.2	19	N/A	N/A	84	N/A	N/A	57.2	9.4	10.7	4	0.16
Series "1"	3.0	122	119	88.9	31.8	28	N/A	N/A	N/A	N/A	N/A	N/A	14	5	0.08
	4.0	122	119	88.9	31.8	N/A	N/A	56	N/A	N/A	31.8	10.7	14	5	0.16
	6.0	122	119	88.9	31.8	N/A	N/A	84	N/A	N/A	57.2	10.7	14	5	0.23
Series "2"	4.0	145	140	108	38.1	56	56	N/A	N/A	31.8	N/A	12.4	15.5	6	0.30
	6.0	145	140	108	38.1	N/A	N/A	84	N/A	N/A	57.2	12.4	15.5	6	0.45
	8.0	145	140	108	38.1	N/A	127	N/A	N/A	88.9	N/A	12.4	N/A	6	0.62
Series "3" & "4"	6.0	197	197	146	50.8	70	70	N/A	N/A	38.1	N/A	14	17	8	0.58
	8.0	197	197	146	50.8	N/A	112	N/A	N/A	76.2	N/A	14	N/A	8	0.81
	9.0	197	197	146	50.8	N/A	152	N/A	N/A	88.9	N/A	14	N/A	8	1.27
Series "5"	6.0	248	223	171.5	57	70	70	N/A	N/A	38.1	N/A	19.8	19.8	10	0.83
	8.0	248	223	171.5	57	N/A	127	N/A	N/A	88.9	N/A	19.8	N/A	10	1.51
	9.0	248	223	171.5	57	N/A	152	N/A	N/A	88.9	N/A	19.8	N/A	10	1.79

ALTERNATIVE "K" TYPE ATTACHMENTS:

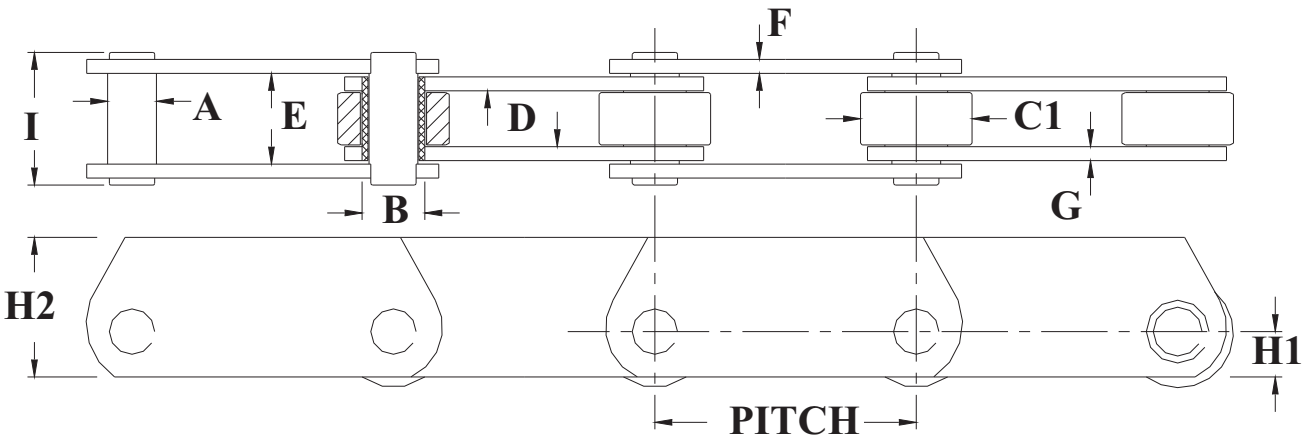
The "K" type atachments shown above are the standard sizes available. These can be varied upon request.

Welded "K" type attachments are available for all pitch sizes. If you have a specific requirement not covered by the above then **PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN - DEEP LINK CONSTRUCTION

DEEP LINK



Deep Link Chain Details						
	Chain Series					
	0	1	2	3	4	5
H1	13	20	25	32.5	32.5	32.5
H2	40	50	70	80	80	80
*Extra Kgs / M	0.95	0.93	2.05	2.10	2.13	2.80

* Approximate - based on 4" pitch.

Dimension "A" to " I" are identical to the Standard version of each chain series.

Deep Link Chains are also available with Hollow Studs and with increased breaking loads of up to 200% of the standard breaking load.

Deep Link Chain References:

For Hollow Stud Deep Link Chains, replace "A" with "C".
For Solid Stud Deep Link Chains, replace "B" with "D".

e.g. 48IBSB002 - 3" pitch, solid stud, series "0", 31,8 mm diameter plain hardened steel roller standard conveyor chain,

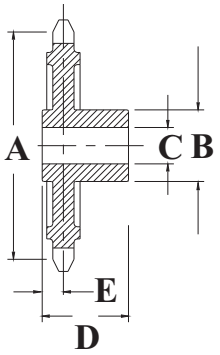
becomes: 48IBSD002 - 3" pitch, solid stud, series "0", 31,8 mm diameter plain hardened steel roller deep link conveyor chain.

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN SPROCKETS

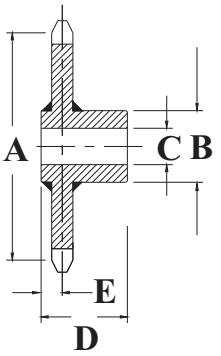
TYPE "A"

Cast Iron

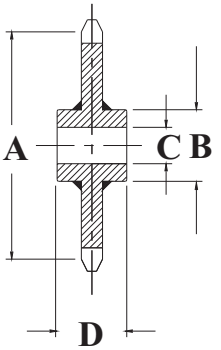


TYPE "B" - FABRICATED STEEL

One Sided Boss



Central Boss



Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
"0"	2.0"	02	A	8	132.7	76	50	51	12.7	32IBS002/8/0/1
				12	196.3	102	70	51		32IBS002/12/0/1
				16	260.4	114	80	64		32IBS002/16/0/1
"0"	2.0"/50mm	All	B	6 to 14	See page 91	*	*	50	15	On Application
				15 to 21				65		
"0"	3.0"	02	A	8	199.1	102	70	51	12.7	48IBS002/8/0/1
				10	246.6	114	80	64		48IBS002/10/0/1
				12	294.4	114	80	64		48IBS002/12/0/1
				16	390.6	140	100	76		48IBS002/16/0/1
"0"	3.0"	01	A	8	199.1	102	70	51	12.7	48IBS001/8/0/1
				12	294.4	114	80	64		48IBS001/12/0/1
"0"	3.0"/75mm	All	B	6 to 9	See page 91	*	*	50	15	On Application
				10 to 14				65		
				15 to 21				75		
"0"	4.0"	02	A	8	265.5	114	80	64	12.7	64IBS002/8/0/1
				12	392.6	140	95	76		64IBS002/12/0/1
				16	520.8	140	95	76		64IBS002/16/0/1
"0"	4.0"/100mm	All	B	6 to 11	See page 91	*	*	65	15	On Application
				12 to 18				75		
				19 to 21				80		
"0"	6.0"	02	A	8	398.3	140	95	76	12.7	96IBS002/8/0/1
				12	588.8	140	95	76		96IBS002/12/0/1
"0"	6.0"/150mm	All	B	6 to 14	See page 91	*	*	75	15	On Application
				15 to 18				90		
				19 to 21				105		
"1"	3.0"	02	A	8	199.1	114	75	64	15.9	48IBS102/8/0/1
				12	294.4	127	85	64		48IBS102/12/0/1
				16	390.6	140	90	76		48IBS102/16/0/1
"1"	3.0"/75mm	All	B	6 to 14	See page 91	*	*	65	18	On Application
				15 to 18				75		
				19 to 21				100		
"1"	4.0"	02	A	8	265.5	127	80	64	15.9	64IBS102/8/0/1
				12	392.6	140	85	76		64IBS102/12/0/1
				16	520.8	152	100	102		64IBS102/16/0/1
"1"	4.0"	01	A	8	265.5	127	80	64	15.9	64IBS101/8/0/1
				12	392.6	140	85	76		64IBS101/12/0/1
"1"	4.0"/100mm	All	B	6 to 11	See page 91	*	*	65	18	On Application
				12 to 14				75		
				15 to 21				100		
"1"	6.0"	02	A	8	398.3	140	85	76	15.9	96IBS102/8/0/1
				12	588.8	165	100	76		96IBS102/12/0/1
				16	781.2	165	100	102		96IBS102/16/0/1
"1"	6.0"/150mm	All	B	6 to 11	See page 91	*	*	75	18	On Application
				12 to 18				100		
				19 to 21				115		

*** N.B. Boss & Maximum Bore Diameters are dependent upon shaft size and torque for each application - PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

BS STANDARD CONVEYOR CHAIN SPROCKETS

Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
"2"	4.0"	02	A	8	265.5	150	95	83	19.1	64IBS202/8/0/1
				12	392.6	165	100	90		64IBS202/12/0/1
				14	456.6	180	110	95		64IBS202/14/0/1
				16	520.8	190	120	102		64IBS202/16/0/1
"2"	4.0" / 100mm	All	B	6 to 11	See page 91	*	*	85	25	On Application
				12 to 14				90		
				15 to 18				100		
				19 to 21				105		
"2"	6.0"	02	A	8	398.2	165	100	90	19.1	96IBS202/8/0/1
				10	493.2	180	110	102		96IBS202/10/0/1
				12	588.8	190	120	102		96IBS202/12/0/1
				16	781.2	215	130	114		96IBS202/16/0/1
"2"	6.0" / 150mm	All	B	6 to 9	See page 91	*	*	90	25	On Application
				10 to 14				100		
				15 to 21				115		
"2"	8.0"	02	A	8	531.0	190	120	102	19.1	128IBS202/8/0/1
				10	657.6	215	130	114		128IBS202/10/0/1
				12	785.1	215	130	114		128IBS202/12/0/1
				14	913.2	215	130	114		128IBS202/14/0/1
"2"	8.0" / 200mm	All	B	6 to 11	See page 91	*	*	100	25	On Application
				12 to 14				115		
				15 to 18				130		
"2"	9.0"	02	A	8	597.4	185	110	102	19.1	144IBS202/8/0/1
"2"	9.0" / 10.0" & 250mm	All	B	6 to 9	See page 91	*	*	100	25	On Application
				10 to 14				115		
"3"	6.0"/ 150mm	All	B	6 to 9	See page 91	*	*	75	30	On Application
				10 to 11				85		
				12 to 14				95		
				15 to 18				105		
"3"	8.0"/ 200mm	All	B	6 to 9	See page 91	*	*	85	30	On Application
				10 to 11				95		
				12 to 14				105		
				15 to 18				115		
"3"	9.0"	All	B	6 to 9	See page 91	*	*	85	30	On Application
				10 to 11				105		
				12 to 14				115		
"3"	10.0" / 250mm	All	B	6 to 9	See page 91	*	*	95	30	On Application
				10 to 11				105		
				12 to 14				125		
"4"	6.0"/ 150mm	All	B	6 to 9	See page 91	*	*	85	30	On Application
				10 to 11				95		
				12 to 14				105		
				15 to 18				115		
"4"	8.0"/ 200mm	All	B	6 to 9	See page 91	*	*	95	30	On Application
				10 to 11				105		
				12 to 14				115		
				15 to 18				125		
"4"	9.0"	All	B	6 to 9	See page 91	*	*	95	30	On Application
				10 to 11				115		
				12 to 14				125		
"4"	10.0" / 250mm	All	B	6 to 9	See page 91	*	*	105	30	On Application
				10 to 11				115		
				12 to 14				135		
"4"	120" / 300mm	All	B	6 to 9	See page 91	*	*	115	30	On Application
				10 to 11				125		
				12 to 14				145		

"5"	**Dimensions as for Series "4" sprockets except add 10mm to Boss Width dimension**

*** N.B. Boss & Maximum Bore Diameters are dependent upon shaft size and torque for each application - PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

ISO - 1977 STANDARD CONVEYOR CHAINS (BS 4116, DIN 8167 & 8168)

CHAIN SELECTION:
The following few pages set out the standard chains available in this series with sections for:
1. Hollow Stud Chain. 2. Solid Stud Chain. 3. Standard Attachments. 4. Deep Link Chain.
We have made no attempt to give detail of chain selection procedures in this catalogue.
PLEASE ASK US FOR FREE ADVICE.

Chain Series	Breaking Load	
	Hollow Stud (DIN 8168)	Solid Stud (DIN 8167)
MC28 / M28	28 kN / 6,295 lbs	28 kN / 6,295 lbs
M40	N / A	40 kN / 8,992 lbs
MC56 / M56	56kN / 12,589 lbs	56kN / 12,589 lbs
M80	N / A	80 kN / 17,984 lbs
MC112 / M112	112kN / 25,177 lbs	112kN / 25,177 lbs
M160	N / A	160 kN / 35,968 lbs
MC224 / M224	224 kN / 50,355 lbs	224 kN / 50,355 lbs
M315	N / A	315 kN / 70,812 lbs
M450	N / A	450 kN / 101,160 lbs
M630	N / A	630 kN / 141,623 lbs
M900	N / A	900 kN / 202,319 lbs

N.B. 1 kN = 101.97 kgs.

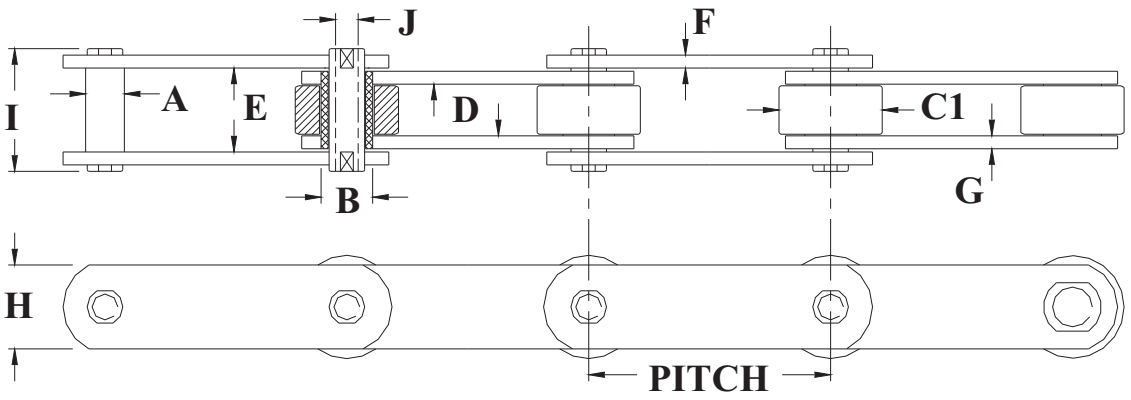
ALTERNATIVE MATERIALS & FINISH: All of the above chains can be supplied using alternative materials or with special coatings e.g.

1. All Components **zinc plated** to provide moderate corrosion resistance.
2. Pins, bushes, rollers, sidebars and / or attachments in **stainless steel** for high corrosion resistance. The grades of stainless steel can be varied dependant upon the unique conditions of the application.
3. Rollers fitted with **oilite bushes** to aid lubrication.
3. Rollers fitted with roller or needle **bearings** to reduce the coefficient of friction.
4. Rollers manufactured in **engineering plastic** to reduce corrosion and noise.
5. Pins, bushes & rollers supplied with **semi-permanent lubricant coatings** such as graphite.
PLEASE ASK US FOR FREE ADVICE.

CONVEYOR CHAINS

ISO - 1977 STANDARD CONVEYOR CHAIN - HOLLOW STUD (DIN 8168)

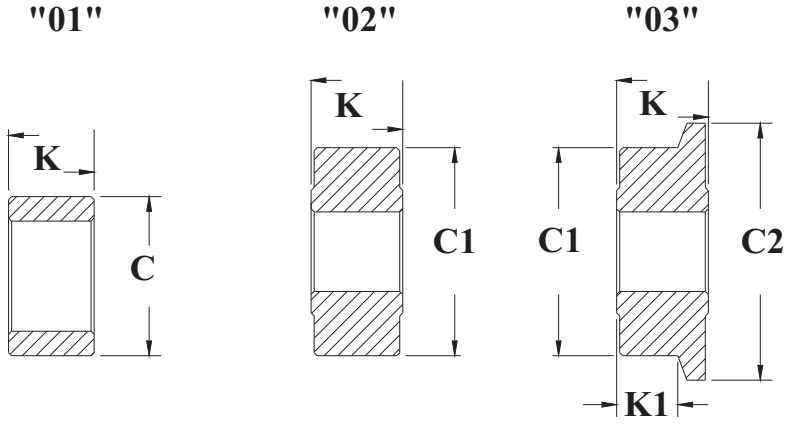
HOLLOW STUD



Chain Series	Stud Dia	Bush Dia.	Roller Type	Inside Width	Between Outers	Outer Bar Width	Inner Bar Width	Side Bar Height	Max. Stud Length	Hollow Stud Bore
	A	B		D	E	F	G	H	I	J
"MC28" 28 kN / 6,295 lbs	13	17.5	*	19	29	3.5	3.5	25	41	8.2
"MC56" 56 kN / 12,589 lbs	15.5	21	*	23	33	4	4	35	48	10.2
"MC112" 112 kN / 25,177 lbs	22	29	*	32	46	6	6	50	67	14.3
"MC224" 224 kN / 50,355 lbs	31	41	*	42	61	8	8	70	90	20.3

*For Roller details (00, 01, 02, 03) use Roller Detail section below.

STANDARD ROLLER TYPES - ("00" = ROLLERLESS)



Chain Series	Roller Type							
	01		02		03			
	K	C	K	C1	K	K1	C1	C2
"MC28" 28 kN / 6,295 lbs	18	24	18	36	18	13.5	36	45
"MC56" 56 kN / 12,589 lbs	22	30	22	50	22	17	50	60
"MC112" 112 kN / 25,177 lbs	30	42	30	70	30	23	70	85
"MC224" 224 kN / 50,355 lbs	40	60	40	100	40	30	100	120

CONVEYOR CHAINS

ISO - 1977 STANDARD CONVEYOR CHAIN - HOLLOW STUD (DIN 8168)

Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
MC28 28kN / 6,295 lbs			
MC28-00-63	63 mm	00	2.5
MC28-01-63	63 mm	01	3.0
MC28-02-63	63 mm	02	3.9
MC28-03-63	63 mm	03	4.3
MC28-00-80	80 mm	00	2.3
MC28-01-80	80 mm	01	2.8
MC28-02-80	80 mm	02	3.5
MC28-03-80	80 mm	03	3.8
MC28-00-100	100 mm	00	2.1
MC28-01-100	100 mm	01	2.6
MC28-02-100	100 mm	02	3.0
MC28-03-100	100 mm	03	3.3
MC28-00-125	125 mm	00	2.0
MC28-01-125	125 mm	01	2.4
MC28-02-125	125 mm	02	2.7
MC28-03-125	125 mm	03	2.9
MC28-00-160	160 mm	00	1.9
MC28-01-160	160 mm	01	2.2
MC28-02-160	160 mm	02	2.4
MC28-03-160	160 mm	03	2.5

M56 56 kN / 12,589 lbs			
MC56-00-80	80 mm	00	3.5
MC56-01-80	80 mm	01	4.9
MC56-02-80	80 mm	02	5.7
MC56-03-80	80 mm	03	6.0
MC56-00-100	100 mm	00	3.3
MC56-01-100	100 mm	01	4.4
MC56-02-100	100 mm	02	5.0
MC56-03-100	100 mm	03	5.2
MC56-00-125	125 mm	00	3.1
MC56-01-125	125 mm	01	4.0
MC56-02-125	125 mm	02	4.5
MC56-03-125	125 mm	03	4.6
MC56-00-160	160 mm	00	2.9
MC56-01-160	160 mm	01	3.6
MC56-02-160	160 mm	02	4.0
MC56-03-160	160 mm	03	4.1
MC56-00-200	200 mm	00	2.7
MC56-01-200	200 mm	01	3.3
MC56-02-200	200 mm	02	3.6
MC56-03-200	200 mm	03	3.7
MC56-00-250	250 mm	00	2.6
MC56-01-250	250 mm	01	3.1
MC56-02-250	250 mm	02	3.3
MC56-03-250	250 mm	03	3.4

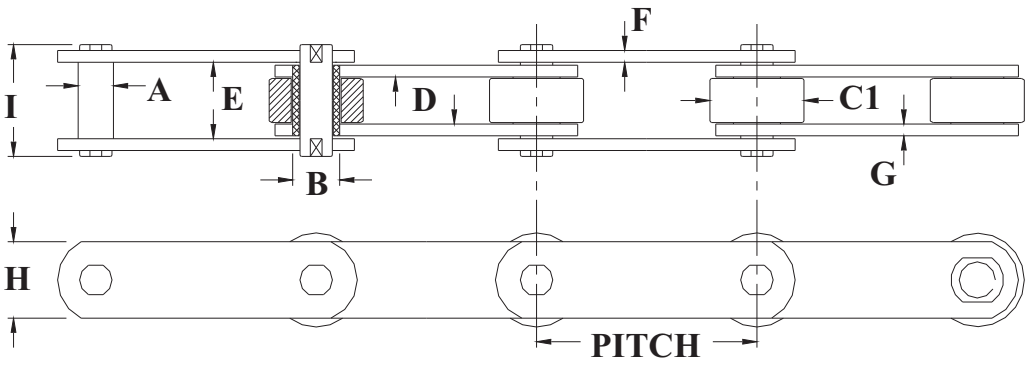
Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
MC112 112 kN / 25,177 lbs			
MC112-00-100	100 mm	00	8.5
MC112-01-100	100 mm	01	9.9
MC112-02-100	100 mm	02	12.9
MC112-03-100	100 mm	03	13.5
MC112-00-125	125 mm	00	7.6
MC112-01-125	125 mm	01	8.9
MC112-02-125	125 mm	02	11.3
MC112-03-125	125 mm	03	11.7
MC112-00-160	160 mm	00	6.9
MC112-01-160	160 mm	01	8.0
MC112-02-160	160 mm	02	9.9
MC112-03-160	160 mm	03	10.2
MC112-00-200	200 mm	00	6.5
MC112-01-200	200 mm	01	7.3
MC112-02-200	200 mm	02	8.8
MC112-03-200	200 mm	03	9.1
MC112-00-250	250 mm	00	6.1
MC112-01-250	250 mm	01	6.8
MC112-02-250	250 mm	02	8.0
MC112-03-250	250 mm	03	8.2
MC112-00-315	315 mm	00	5.3
MC112-01-315	315 mm	01	5.8
MC112-02-315	315 mm	02	6.8
MC112-03-315	315 mm	03	6.9

MC224 224 kN / 50,355 lbs			
MC224-00-160	160 mm	00	13.6
MC224-01-160	160 mm	01	16.4
MC224-02-160	160 mm	02	27.0
MC224-03-160	160 mm	03	28.7
MC224-00-200	200 mm	00	12.6
MC224-01-200	200 mm	01	13.5
MC224-02-200	200 mm	02	22.0
MC224-03-200	200 mm	03	23.4
MC224-00-250	250 mm	00	11.9
MC224-01-250	250 mm	01	12.5
MC224-02-250	250 mm	02	19.4
MC224-03-250	250 mm	03	20.5
MC224-00-315	315 mm	00	11.2
MC224-01-315	315 mm	01	11.8
MC224-02-315	315 mm	02	17.2
MC224-03-315	315 mm	03	18.0
MC224-00-400	400 mm	00	9.4
MC224-01-400	400 mm	01	9.8
MC224-02-400	400 mm	02	15.7
MC224-03-400	400 mm	03	16.6

N.B. * Other pitch sizes are available on request

CONVEYOR CHAINS

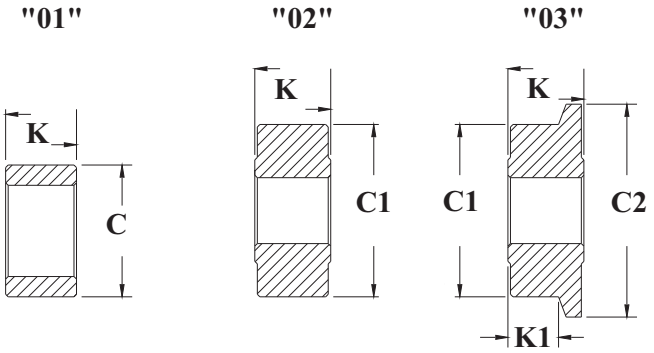
ISO - 1977 STANDARD CONVEYOR CHAIN - SOLID STUD (DIN 8167)



Chain Series	Stud Dia. "A"	Bush Dia. "B"	Roller Type	Inside Width "D"	Between Outers "E"	Outer Bar Width "F"	Inner Bar Width "G"	Side Bar Height "H"	Max. Stud Length "I"
"M28" 28 kN / 6,295 lbs	7	10	*	17	25	3	3	20	36
"M40" 40 kN / 8,992 lbs	8.5	12.5	*	19	28	4	4	25	44
"M56" 56 kN / 12,589 lbs	10	15	*	24	33	4	4	30	51
"M80" 80 kN / 17,984 lbs	12	18	*	28	39	5	5	35	61
"M112" 112 kN / 25,177 lbs	15	21	*	32	45	6	6	40	71
"M160" 160 kN / 35,968 lbs	18	25	*	37	52	7	7	50	83
"M224" 224 kN / 50,355 lbs	21	30	*	43	60	8	8	60	96
"M315" 315 kN / 70,812 lbs	25	36	*	48	70	10	10	70	108
"M450" 450 kN / 101,160 lbs	30	42	*	56	83	12	12	80	125
"M630" 630 kN / 141,623 lbs	36	50	*	66	97	14	14	100	145
"M900" 900 kN / 202,319 lbs	44	60	*	78	113	16	16	120	168

*For Roller details (00, 01, 02, 03) use Roller Detail section below.

STANDARD ROLLER TYPES - ("00" = ROLLERLESS)



Chain Series	Roller Type							
	01		02		03			
	K	C	K	C1	K	K1	C1	C2
"M28" 28 kN / 6,295 lbs	16	15	16	30	16	12	30	40
"M40" 40 kN / 8,992 lbs	18	18	18	36	18	14	36	42
"M56" 56 kN / 12,589 lbs	22	21	22	42	22	17	42	50
"M80" 80 kN / 17,984 lbs	26	25	26	50	26	20	50	60
"M112" 112 kN / 25,177 lbs	30	30	30	60	30	22.5	60	70
"M160" 160 kN / 35,968 lbs	35	36	35	70	35	26	70	85
"M224" 224 kN / 50,355 lbs	41	42	41	85	42	31	85	100
"M315" 315 kN / 70,812 lbs	46	50	46	100	46	33.5	100	120
"M450" 450 kN / 101,160 lbs	54	60	54	120	54	38.5	120	140
"M630" 630 kN / 141,623 lbs	64	70	64	140	64	46.5	140	170
"M900" 900 kN / 202,319 lbs	76	85	76	170	76	55	170	210

CONVEYOR CHAINS

ISO - 1977 STANDARD CONVEYOR CHAIN - SOLID STUD (DIN 8167)

Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
M28 28kN / 6,295 lbs			
M28-00-63	63 mm	00	1.5
M28-01-63	63 mm	01	1.6
M28-02-63	63 mm	02	2.7
M28-03-63	63 mm	03	2.9
M28-00-80	80 mm	00	1.4
M28-01-80	80 mm	01	1.5
M28-02-80	80 mm	02	2.4
M28-03-80	80 mm	03	2.5
M28-00-100	100 mm	00	1.3
M28-01-100	100 mm	01	1.4
M28-02-100	100 mm	02	2.1
M28-03-100	100 mm	03	2.2
M28-00-125	125 mm	00	1.2
M28-01-125	125 mm	01	1.3
M28-02-125	125 mm	02	1.9
M28-03-125	125 mm	03	2.0
M28-00-160	160 mm	00	1.1
M28-01-160	160 mm	01	1.2
M28-02-160	160 mm	02	1.7
M28-03-160	160 mm	03	1.8
M40 40 kN / 8,992 lbs			
M40-00-63	63 mm	00	2.3
M40-01-63	63 mm	01	2.6
M40-02-63	63 mm	02	4.5
M40-03-63	63 mm	03	4.7
M40-00-80	80 mm	00	2.0
M40-01-80	80 mm	01	2.2
M40-02-80	80 mm	02	3.8
M40-03-80	80 mm	03	4.0
M40-00-100	100 mm	00	1.9
M40-01-100	100 mm	01	2.2
M40-02-100	100 mm	02	3.4
M40-03-100	100 mm	03	3.5
M40-00-125	125 mm	00	1.8
M40-01-125	125 mm	01	2.0
M40-02-125	125 mm	02	3.0
M40-03-125	125 mm	03	3.1
M40-00-160	160 mm	00	1.7
M40-01-160	160 mm	01	1.9
M40-02-160	160 mm	02	2.6
M40-03-160	160 mm	03	2.7
M40-00-200	200 mm	00	1.6
M40-01-200	200 mm	01	1.8
M40-02-200	200 mm	02	2.4
M40-03-200	200 mm	03	2.5
M56 56 kN / 12,589 lbs			
M56-00-80	80 mm	00	3.0
M56-01-80	80 mm	01	3.4
M56-02-80	80 mm	02	5.9
M56-03-80	80 mm	03	6.2
M56-00-100	100 mm	00	2.8
M56-01-100	100 mm	01	3.1
M56-02-100	100 mm	02	5.1
M56-03-100	100 mm	03	5.4
M56-00-125	125 mm	00	2.6
M56-01-125	125 mm	01	2.9
M56-02-125	125 mm	02	4.5
M56-03-125	125 mm	03	4.7

Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
M56 continued			
M56-00-160	160 mm	00	2.5
M56-01-160	160 mm	01	2.7
M56-02-160	160 mm	02	3.9
M56-03-160	160 mm	03	4.1
M56-00-200	200 mm	00	2.4
M56-01-200	200 mm	01	2.5
M56-02-200	200 mm	02	3.5
M56-03-200	200 mm	03	3.7
M80 80 kN / 17,984 lbs			
M80-00-80	80 mm	00	4.7
M80-01-80	80 mm	01	5.3
M80-02-80	80 mm	02	9.4
M80-03-80	80 mm	03	10.0
M80-00-100	100 mm	00	4.3
M80-01-100	100 mm	01	4.8
M80-02-100	100 mm	02	8.0
M80-03-100	100 mm	03	8.5
M80-00-125	125 mm	00	4.0
M80-01-125	125 mm	01	4.4
M80-02-125	125 mm	02	7.0
M80-03-125	125 mm	03	7.4
M80-00-160	160 mm	00	3.7
M80-01-160	160 mm	01	4.0
M80-02-160	160 mm	02	6.1
M80-03-160	160 mm	03	6.4
M80-00-200	200 mm	00	3.5
M80-01-200	200 mm	01	3.8
M80-02-200	200 mm	02	5.4
M80-03-200	200 mm	03	5.7
M80-00-250	250 mm	00	3.4
M80-01-250	250 mm	01	3.6
M80-02-250	250 mm	02	4.9
M80-03-250	250 mm	03	5.1
M112 112 kN / 25,177 lbs			
M11200-80	80 mm	00	6.8
M112-01-80	80 mm	01	7.9
M112-02-80	80 mm	02	14.6
M112-03-80	80 mm	03	15.3
M112-00-100	100 mm	00	6.2
M112-01-100	100 mm	01	7.1
M112-02-100	100 mm	02	12.4
M112-03-100	100 mm	03	13.0
M112-00-125	125 mm	00	5.7
M112-01-125	125 mm	01	6.4
M112-02-125	125 mm	02	10.7
M112-03-125	125 mm	03	11.2
M112-00-160	160 mm	00	5.3
M112-01-160	160 mm	01	5.9
M112-02-160	160 mm	02	9.2
M112-03-160	160 mm	03	9.6
M112-00-200	200 mm	00	5.0
M112-01-200	200 mm	01	5.5
M112-02-200	200 mm	02	8.1
M112-03-200	200 mm	03	8.4
M112-00-250	250 mm	00	4.8
M112-01-250	250 mm	01	5.5
M112-02-250	250 mm	02	8.1
M112-03-250	250 mm	03	8.4

N.B. * Other pitch sizes are available upon request

CONVEYOR CHAINS

ISO - 1977 STANDARD CONVEYOR CHAIN - SOLID STUD (DIN 8167)

Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
M160 160 kN / 35,968 lbs			
M160-00-100	100 mm	00	9.7
M160-01-100	100 mm	01	11.2
M160-02-100	100 mm	02	19.5
M160-03-100	100 mm	03	20.4
M160-00-125	125 mm	00	8.9
M160-01-125	125 mm	01	10.1
M160-02-125	125 mm	02	16.7
M160-03-125	125 mm	03	17.5
M160-00-160	160 mm	00	8.2
M160-01-160	160 mm	01	9.2
M160-02-160	160 mm	02	14.3
M160-03-160	160 mm	03	14.9
M160-00-200	200 mm	00	7.6
M160-01-200	200 mm	01	8.4
M160-02-200	200 mm	02	12.5
M160-03-200	200 mm	03	13.0
M160-00-250	250 mm	00	7.3
M160-01-250	250 mm	01	7.9
M160-02-250	250 mm	02	11.1
M160-03-250	250 mm	03	11.5
M224 224 kN / 50,355 lbs			
M224-00-125	125 mm	00	13.1
M224-01-125	125 mm	01	14.9
M224-02-125	125 mm	02	26.6
M224-03-125	125 mm	03	27.8
M224-00-160	160 mm	00	11.9
M224-01-160	160 mm	01	13.3
M224-02-160	160 mm	02	22.4
M224-03-160	160 mm	03	23.4
M224-00-200	200 mm	00	11.1
M224-01-200	200 mm	01	12.2
M224-02-200	200 mm	02	19.5
M224-03-200	200 mm	03	20.3
M224-00-250	250 mm	00	10.3
M224-01-250	250 mm	01	11.2
M224-02-250	250 mm	02	17.1
M224-03-250	250 mm	03	17.7
M224-00-315	315 mm	00	9.8
M224-01-315	315 mm	01	10.5
M224-02-315	315 mm	02	15.1
M224-03-315	315 mm	03	15.7
M224-00-400	400 mm	00	9.3
M224-01-400	400 mm	01	9.9
M224-02-400	400 mm	02	13.5
M224-03-400	400 mm	03	13.9
M315 315 kN / 70,812 lbs			
M315-00-160	160 mm	00	18.3
M315-01-160	160 mm	01	20.5
M315-02-160	160 mm	02	34.4
M315-03-160	160 mm	03	36.1
M315-00-200	200 mm	00	16.7
M315-01-200	200 mm	01	18.6
M315-02-200	200 mm	02	29.6
M315-03-200	200 mm	03	31.0
M315-00-250	250 mm	00	15.6
M315-01-250	250 mm	01	17.1
M315-02-250	250 mm	02	25.9
M315-03-250	250 mm	03	27.1

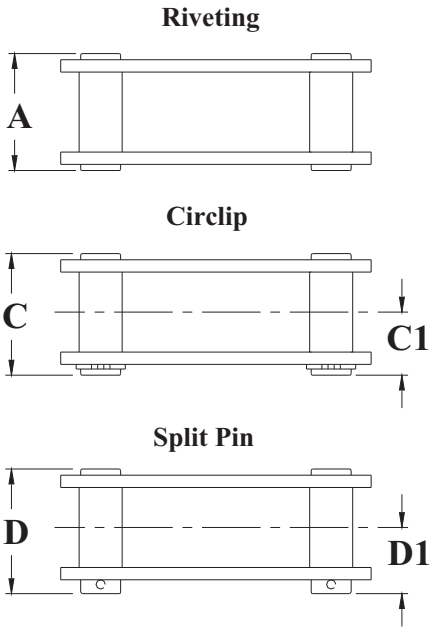
N.B. * Other pitch sizes are available upon request

Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
M315 continued			
M315-00-315	315 mm	00	14.6
M315-01-315	315 mm	01	15.8
M315-02-315	315 mm	02	22.9
M315-03-315	315 mm	03	23.7
M315-00-400	400 mm	00	13.9
M315-01-400	400 mm	01	14.8
M315-02-400	400 mm	02	20.3
M315-03-400	400 mm	03	21.2
M450 450 kN / 101,160 lbs			
M450-00-200	200 mm	00	24.2
M450-01-200	200 mm	01	27.5
M450-02-200	200 mm	02	46.0
M450-03-200	200 mm	03	47.8
M450-00-250	250 mm	00	22.4
M450-01-250	250 mm	01	25.0
M450-02-250	250 mm	02	39.8
M450-03-250	250 mm	03	41.4
M450-00-315	315 mm	00	20.9
M450-01-315	315 mm	01	22.9
M450-02-315	315 mm	02	34.7
M450-03-315	315 mm	03	36.0
M450-00-400	400 mm	00	19.7
M450-01-400	400 mm	01	21.3
M450-02-400	400 mm	02	30.6
M450-03-400	400 mm	03	31.5
M630 630 kN / 141,623 lbs			
M630-00-250	250 mm	00	34.8
M630-01-250	250 mm	01	39.6
M630-02-250	250 mm	02	62.8
M630-03-250	250 mm	03	65.7
M630-00-315	315 mm	00	32.2
M630-01-315	315 mm	01	35.4
M630-02-315	315 mm	02	54.3
M630-03-315	315 mm	03	56.5
M630-00-400	400 mm	00	30.3
M630-01-400	400 mm	01	32.7
M630-02-400	400 mm	02	47.8
M630-03-400	400 mm	03	49.5
M630-00-500	500 mm	00	28.4
M630-01-500	500 mm	01	30.4
M630-02-500	500 mm	02	42.4
M630-03-500	500 mm	03	43.8
M900 900 kN / 202,319 lbs			
M900-00-250	250 mm	00	51.2
M900-01-250	250 mm	01	58.0
M900-02-250	250 mm	02	100.0
M900-03-250	250 mm	03	106.0
M900-00-315	315 mm	00	47.0
M900-01-315	315 mm	01	52.3
M900-02-315	315 mm	02	85.7
M900-03-315	315 mm	03	90.2
M900-00-400	400 mm	00	43.5
M900-01-400	400 mm	01	47.7
M900-02-400	400 mm	02	74.0
M900-03-400	400 mm	03	77.4
M900-00-500	500 mm	00	40.8
M900-01-500	500 mm	01	44.2
M900-02-500	500 mm	02	65.3
M900-03-500	500 mm	03	68.1

CONVEYOR CHAINS

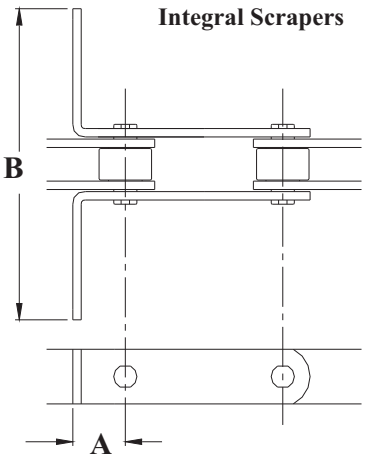
ISO - 1977 STANDARD CONVEYOR CHAIN - CONNECTING LINKS

CONNECTING LINKS - HOLLOW & SOLID STUD



Chain Series	Connecting Link Type (Maximum sizes)				
	Rivet	Circlip		Split Pin	
	A	C	C1	D	D1
MC28	41	46.5	26	N/A	N/A
MC56	48	51	27	N/A	N/A
MC112	67	70	36.5	N/A	N/A
MC224	90	93	48	N/A	N/A
M28	36	42	24	N/A	N/A
M40	44	50	28	N/A	N/A
M56	51	58.5	33	61.5	36
M80	61	70.5	40	73.5	43
M112	71	83.5	48	85.5	50
M160	83	97.5	56	99.5	58
M224	96	N/A	N/A	115	67
M315	108	N/A	N/A	131	77
M450	125	N/A	N/A	154.5	92
M630	145	N/A	N/A	179.5	107
M900	168	N/A	N/A	211	127

ISO STANDARD CONVEYOR CHAIN - INTEGRAL SCRAPERS.



Scraper attachments are often supplied with drilled attachments holes upon request.

Welded scraper attachments are available in any size as required, with or without drilled attachment holes.

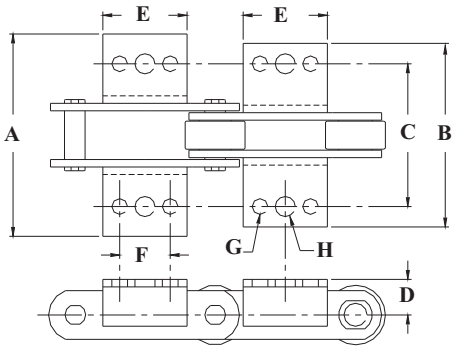
Scraper chains can be supplied dipped in a vegetable based oil upon request.

	Scraper Attachments - Integral Type								
	Chain Series								
	M20	**M28**	**M40**	**M56**	**M80**	**M112**	**M160**	**M224**	**M315**
A	15	15	30	30	30	30	35	40	50
B	Box Width less 10 mm								

CONVEYOR CHAINS

ISO - 1977 STANDARD CONVEYOR CHAIN - K TYPE ATTACHMENTS

"K" ATTACHMENTS - WELDED TYPE



Chain Series	"K" Attachment Details - Welded Type														
	Pitch	A	B	C	D	E			F			G	H	I	Kgs/
	mm	max	max			K1	K2	K3	K1	K2	K3				each
M28	63						N/A	N/A	N/A	N/A	N/A				0.03
	80						40	N/A	N/A	20	N/A				0.06
	100	90	90	60	25	25	55	55	N/A	40	40	7	7	3	0.07
	125						70	70	N/A	50	50				0.08
	160						80	80	N/A	50	50				0.14
M40	63						N/A	N/A	N/A	N/A	N/A				0.03
	80						40	N/A	N/A	20	N/A				0.06
	100	112	112	70	25	20	60	65	N/A	40	40	9	9	3	0.08
	125						85	85	N/A	65	65				0.15
	160						85	85	N/A	65	65				0.15
M56	80						N/A	N/A	N/A	N/A	N/A				0.05
	100						50	N/A	N/A	25	N/A				0.12
	125	140	140	88	30	22	75	75	N/A	50	50	11	11	4	0.18
	160						110	110	N/A	85	85				0.27
	200						110	110	N/A	85	85				0.27
M80	80						N/A	N/A	N/A	N/A	N/A				0.05
	100						N/A	N/A	N/A	N/A	N/A				0.05
	125	160	160	96	35	22	75	N/A	N/A	50	N/A	11	11	4	0.18
	160						110	110	N/A	85	85				0.27
	200						150	150	N/A	125	125				0.36
	250						150	150	N/A	125	125				0.36
M112	80						N/A	N/A	N/A	N/A	N/A				0.13
	100						N/A	N/A	N/A	N/A	N/A				0.13
	125	184	184	110	40	28	65	N/A	N/A	35	N/A	14	14	6	0.30
	160						95	95	N/A	65	65				0.44
	200						130	130	N/A	100	100				0.59
	250						130	130	N/A	100	100				0.59
M160	100						N/A	N/A	N/A	N/A	N/A				0.14
	125						N/A	N/A	N/A	N/A	N/A				0.14
	160	200	200	124	45	30	80	N/A	N/A	50	N/A	14	14	6	0.37
	200						115	115	N/A	85	85				0.53
	250						175	175	N/A	145	145				0.8
M224	125						N/A	N/A	N/A	N/A	N/A				0.25
	160						N/A	N/A	N/A	N/A	N/A				0.25
	200	228	228	140	55	35	100	N/A	N/A	65	N/A	18	18	8	0.71
	250						160	160	N/A	125	125				1.13
	315						225	225	N/A	190	190				1.6
	400						225	225	N/A	190	190				1.6
M315	160						N/A	N/A	N/A	N/A	N/A				0.27
	200						85	N/A	N/A	50	N/A				0.66
	250	250	250	160	65	35	135	135	N/A	100	100	18	18	9	1.04
	315						190	190	N/A	155	155				1.46
	400						190	190	N/A	155	155				1.46
M450	200						N/A	N/A	N/A	N/A	N/A				0.37
	250	280	280	180	75	40	125	N/A	N/A	85	N/A	18	18	9	1.17
	315						195	195	N/A	155	155				1.82
	400						280	280	N/A	240	240				2.62
M630 & M900	Attachment details determined by the needs of the application - please enquire.														

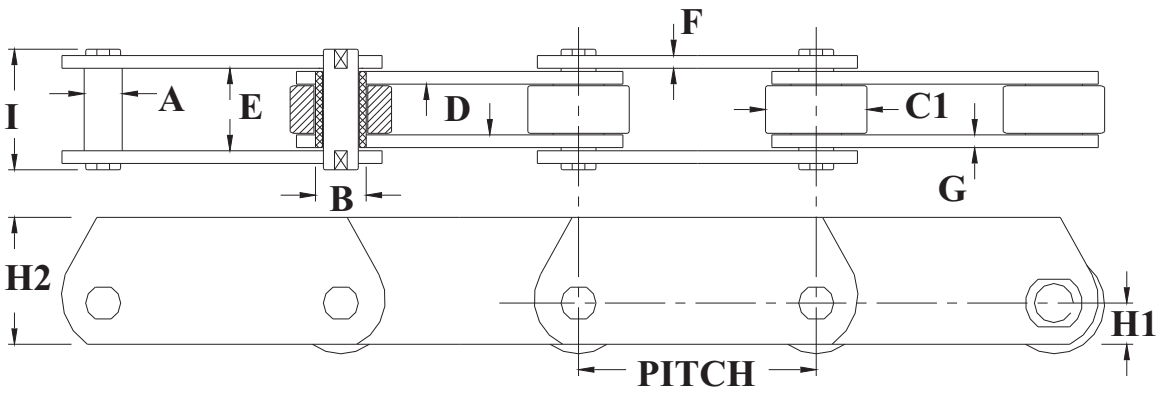
ALTERNATIVE "K" TYPE ATTACHMENTS:

The "K" type atachments shown above are the standard sizes available. These can be varied upon request.
Welded "K" type attachments can be supplied at any pitch spacing on one or both sides of chain.
Welded "K" type attachments are available for all pitch sizes. If you have a specific requirement not covered by the above then **PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

ISO - 1977 STANDARD CONVEYOR CHAIN - DEEP LINK CONSTRUCTION

DEEP LINK



Deep Link Chain Details											
	Chain Series										
	M28	**M40**	**M56**	**M80**	**M112**	**M160**	**M224**	**M315**	**M450**	**M630**	**M900**
H1	10	12.5	15	17.5	20	25	30	35	40	50	60
H2	30	35	45	50	60	70	90	100	120	140	180
Extra Kgs / M	*0.5	*0.8	*1.1	*1.5	*2.3	**2.6	**4.7	**6.1	***11.1	***13.0	***26.8

* Approximate - based on 100 mm pitch
** Approximate - based on 160 mm pitch
*** Approximate - based on 315 mm pitch

Dimension "A" to " I" are identical to the Standard version of each chain series.

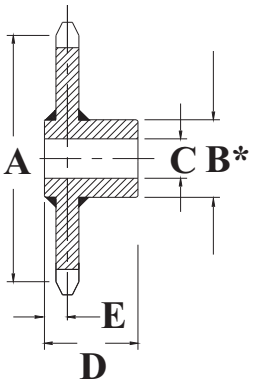
Deep Link Chains are also available with Hollow Studs ("MC" Series) - Please enquire for details.

CONVEYOR CHAINS

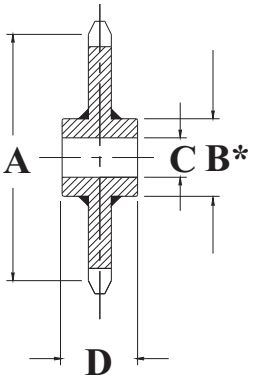
ISO - 1977 STANDARD SPROCKETS

TYPE "B" - FABRICATED STEEL

One Sided Boss



Central Boss



* Dimensions B & C will vary depending upon shaft diameters and torque requirements - please enquire.

Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
M28/ MC28/ M40	63 mm	All	B	6 to 10	See page 91	*	*	50	15	On Application
				11 to 16				60		
				17 to 24				75		
				25 to 40				100		
M28/ MC28/ M40	80 mm	All	B	6 to 9	See page 91	*	*	50	15	On Application
				11 to 14				65		
				14 to 25				75		
M28/ MC28/ M40	100 mm	All	B	6 to 11	See page 91	*	*	65	15	On Application
				12 to 18				75		
				19 to 21				80		
				22 to 25				90		
M28/ MC28/ M40	125 mm	All	B	6 to 11	See page 91	*	*	65	15	On Application
				12 to 18				75		
				19 to 21				90		
M28/ MC28/ M40	160 mm	All	B	6 to 14	See page 91	*	*	75	15	On Application
				15 to 18				90		
				19 to 21				105		
M56/ MC56	80 mm	All	B	6 to 9	See page 91	*	*	50	20	On Application
				10 to 11				60		
				12 to 18				65		
				19 to 21				80		
M56/ MC56	100 mm	All	B	6 to 9	See page 91	*	*	60	20	On Application
				10 to 11				65		
				12 to 14				70		
				15 to 18				80		
M56/ MC56	125 mm	All	B	6 to 11	See page 91	*	*	65	20	On Application
				12 to 14				80		
				15 to 21				100		
M56/ MC56	160 mm	All	B	6 to 11	See page 91	*	*	75	20	On Application
				12 to 18				85		
				19 to 21				100		

*** N.B. Boss & Maximum Bore Diameters are dependent upon shaft size and torque for each application - PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

ISO - 1977 STANDARD SPROCKETS

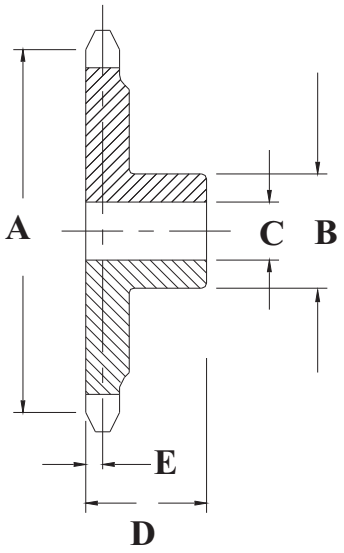
Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
M80	80 mm	All	B	6 to 9	See page 91	*	*	50	22	On Application
				10 to 14				60		
				15 to 25				65		
M80	100 mm	All	B	6 to 9	See page 91	*	*	60	22	On Application
				10 to 11				65		
				12 to 18				70		
				19 to 21				80		
M80	125 mm	All	B	6 to 9	See page 91	*	*	65	22	On Application
				10 to 14				75		
				15 to 18				80		
				19 to 21				90		
M80	160 mm	All	B	6 to 9	See page 91	*	*	70	22	On Application
				10 to 14				85		
				15 to 18				90		
				19 to 21				100		
M112/ MC112	100 mm	All	B	6 to 11	See page 91	*	*	70	25	On Application
				12 to 14				75		
				15 to 18				80		
				19 to 21				90		
M112/ MC112	125 mm	All	B	6 to 9	See page 91	*	*	70	25	On Application
				10 to 11				75		
				12 to 14				80		
				15 to 18				90		
M112/ MC112	160 mm	All	B	6 to 9	See page 91	*	*	75	25	On Application
				10 to 11				80		
				12 to 14				85		
				15 to 18				100		
M112/ MC112	200 mm	All	B	6 to 9	See page 91	*	*	90	25	On Application
				10 to 14				100		
				15 to 18				115		
M160	100 mm	All	B	6 to 11	See page 91	*	*	65	30	On Application
				12 to 14				70		
				15 to 18				85		
				19 to 21				90		
M160	125 mm	All	B	6 to 11	See page 91	*	*	70	30	On Application
				12 to 14				80		
				15 to 18				90		
				19 to 21				105		
M160	160 mm	All	B	6 to 9	See page 91	*	*	80	30	On Application
				10 to 11				85		
				12 to 14				90		
				15 to 18				105		
M160	200 mm	All	B	6 to 9	See page 91	*	*	85	30	On Application
				10 to 11				90		
				12 to 14				100		
				15 to 18				120		
M160	250 mm	All	B	6 to 9	See page 91	*	*	90	30	On Application
				10 to 11				105		
				12 to 14				120		
				15 to 18				135		
M224/ MC224	125 mm	All	B	6 to 11	See page 91	*	*	75	30	On Application
				12 to 14				80		
				15 to 18				90		
				19 to 21				105		
M224/ MC224	160 mm	All	B	6 to 11	See page 91	*	*	85	30	On Application
				12 to 14				90		
				15 to 18				105		
M224/ MC224	200 mm	All	B	6 to 9	See page 91	*	*	85	30	On Application
				10 to 11				90		
				12 to 14				100		
				15 to 18				120		
M224/ MC224	250 mm	All	B	6 to 9	See page 91	*	*	90	30	On Application
				10 to 11				105		
				12 to 14				120		
				15 to 18				140		
M224/ MC224	315 mm	All	B	6 to 9	See page 91	*	*	105	30	On Application
				10 to 11				120		
				12 to 14				130		

*** N.B. Boss & Maximum Bore Diameters are dependent upon shaft size and torque for each application - PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

ISO - 1977 STANDARD SPROCKETS

Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
M315	160 mm	All	B	6 to 14	See page 91	*	*	115	35	On Application
				15 to 18				130		
				19 to 21				140		
M315	200 mm	All	B	6 to 14	See page 91	*	*	115	35	On Application
				15 to 18				130		
				19 to 21				150		
M315	250 mm	All	B	6 to 11	See page 91	*	*	115	35	On Application
				12 to 14				125		
				15 to 18				150		
M315	315 mm	All	B	6 to 9	See page 91	*	*	130	35	On Application
				10 to 11				140		
				12 to 14				150		
M450	200 mm	All	B	6 to 14	See page 91	*	*	125	40	On Application
				15 to 18				140		
				19 to 21				150		
M450	250 mm	All	B	6 to 9	See page 91	*	*	130	40	On Application
				10 to 11				140		
				12 to 14				150		
				15 to 18				160		
M450	315 mm	All	B	6 to 9	See page 91	*	*	150	40	On Application
				10 to 11				160		
				12 to 14				170		
M450	400 mm	All	B	6 to 9	See page 91	*	*	160	40	On Application
				10 to 14				180		
M630	250 mm	All	B	6 to 9	See page 91	*	*	160	45	On Application
				10 to 11				170		
				12 to 14				180		
M630	315 mm	All	B	6 to 9	See page 91	*	*	160	45	On Application
				10 to 11				180		
				12 to 14				200		
M630	400 mm	All	B	6 to 9	See page 91	*	*	170	45	On Application
				10 to 11				190		
				12 to 14				215		
M900	Sprocket details dependent upon application - Please enquire.									On Application



TYPE "A" ONE PIECE SPROCKETS

One piece sprockets are available for ISO chains M20 to M315.
If you require a sprocket of this type then please enquire for details.

CONVEYOR CHAINS

FV STANDARD CONVEYOR CHAINS (DIN 8165)

CHAIN SELECTION:
The following few pages set out the standard chains available in this series with sections for:
1. Hollow Stud Chain. 2. Solid Stud Chain 3. Standard Attachments. 4. Deep Link Chain.
We have made no attempt to give detail of chain selection procedures in this catalogue.
PLEASE ASK US FOR FREE ADVICE.

Chain Series	Breaking Load	
	Hollow Stud (DIN 8165)	Solid Stud (DIN 8165)
FV40		40 kN / 8,992 lbs
FV63	46 kN / 10,340 lbs	63 kN / 14,162 lbs
FV90	73 kN / 16,410 lbs	90 kN / 20,231 lbs
FV112	90 kN / 20,231 lbs	112 kN / 25,177 lbs
FV140	110 kN / 24,727 lbs	140 kN / 31,471 lbs
FV180	145 kN / 32,595 lbs	180 kN / 40,463 lbs
FV250	215 kN / 48,331lbs	250 kN / 56,199 lbs
FV315	290 kN / 65,191lbs	315 kN / 70,811 lbs
FV400	333 kN / 74,858 lbs	400 kN / 89,919 lbs
FV500	440 kN / 98,911 lbs	500 kN / 112,399 lbs
FV630	520 kN / 116,895 lbs	630 kN / 141,623 lbs

N.B. 1 kN = 101.97 kgs.

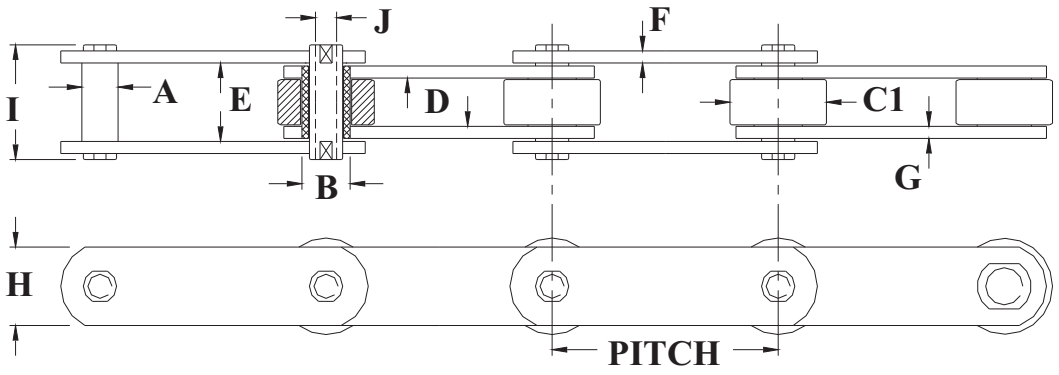
ALTERNATIVE MATERIALS & FINISH: All of the above chains can be supplied using alternative materials or with special coatings e.g.

1. All Components **zinc plated** to provide moderate corrosion resistance.
2. Pins, bushes, rollers, sidebars and / or attachments in **stainless steel** for high corrosion resistance. The grades of stainless steel can be varied dependant upon the unique conditions of the application.
3. Rollers fitted with **oilite bushes** to aid lubrication.
3. Rollers fitted with **roller or needle bearings** to reduce the coefficient of friction.
4. Rollers manufactured in **engineering plastic** to reduce corrosion and noise.
5. Pins, bushes & rollers supplied with **semi-permanent lubricant coatings** such as graphite.
PLEASE ASK US FOR FREE ADVICE.

CONVEYOR CHAINS

FV STANDARD CONVEYOR CHAIN - HOLLOW STUD (DIN 8165)

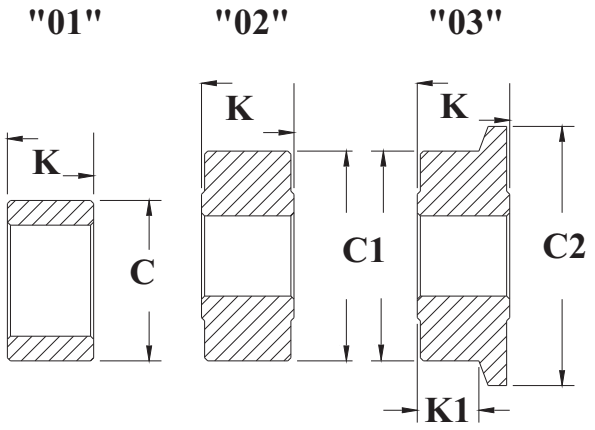
HOLLOW STUD



Chain Series	Stud Dia	Bush Dia.	Roller Type	Inside Width	Between Outers	Outer Bar Width	Inner Bar Width	Side Bar Height	Max. Stud Length	Hollow Stud Bore
	A	B		D	E	F	G	H	I	J
FV63 46kN / 10,340 lbs	12	18	*	22	31	4	4	30	46	8.2
FV90 73 kN / 16,410 lbs	14	20	*	25	36	5	5	35	53	10.2
FV112 90 kN / 20,231 lbs	16	22	*	30	43	6	6	40	63	11.2
FV140 110 kN / 24,727 lbs	18	26	*	35	48	6	6	45	68	12.2
FV180 145 kN / 32,595 lbs	20	30	*	45	62.5	8	8	50	86	14.2
FV250 215 kN / 48,331 lbs	26	36	*	55	73	8	8	60	98	18.2
FV315 290 kN / 65,191 lbs	30	42	*	65	87	10	10	70	117	20.2
FV400 333 kN / 74,858 lbs	32	44	*	70	97	12	12	70	131	22.2
FV500 440 kN / 98,911 lbs	36	50	*	80	107	12	12	80	141	26.2
FV630 520 kN / 116,895 lbs	42	56	*	90	117	12	12	100	153	30.2

*For Roller details (00, 01, 02, 03) use Roller Detail section below.

STANDARD ROLLER TYPES - ("00" = ROLLERLESS)



Chain Series	Roller Type							
	01		02		03			
	K	C	K	C1	K	K1	C1	C2
FV63	21	26	21	40	21	15.5	50	60
FV90	24	30	24	48	24	18.5	63	73
FV112	29	32	29	55	29	22	72	87
FV140	34	36	34	60	34	26	80	95
FV180	44	42	44	70	44	35	100	120
FV250	54	50	54	80	54	42	125	145
FV315	64	60	64	90	64	50	140	170
FV400	68	60	68	100	68	54	150	185
FV500	78	70	78	110	78	60	160	195
FV630	88	80	88	120	88	66	170	210

CONVEYOR CHAINS

FV STANDARD CONVEYOR CHAIN - HOLLOW STUD (DIN 8165)

Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
FV63 46kN / 10,340 lbs			
FVA63-00-63	63 mm	00	3.5
FVA63-01-63	63 mm	01	4.1
FVA63-02-63	63 mm	02	6.0
FVA63-00-100	100 mm	00	2.9
FVA63-01-100	100 mm	01	3.3
FVA63-02-100	100 mm	02	4.5
FVA63-03-100	100 mm	03	5.6
FVA63-00-125	125 mm	00	2.6
FVA63-01-125	125 mm	01	3.0
FVA63-02-125	125 mm	02	3.9
FVA63-03-125	125 mm	03	4.8
FVA63-00-160	160 mm	00	2.5
FVA63-01-160	160 mm	01	2.7
FVA63-02-160	160 mm	02	3.5
FVA63-03-160	160 mm	03	4.1
FV90 73kN / 16,410 lbs			
FVA90-00-63	63 mm	00	5.7
FVA90-01-63	63 mm	01	6.8
FVA90-02-63	63 mm	02	10.0
FVA90-00-100	100 mm	00	4.7
FVA90-01-100	100 mm	01	5.4
FVA90-02-100	100 mm	02	7.4
FVA90-03-100	100 mm	03	9.6
FVA90-00-125	125 mm	00	4.4
FVA90-01-125	125 mm	01	4.9
FVA90-02-125	125 mm	02	6.5
FVA90-03-125	125 mm	03	8.3
FVA90-00-160	160 mm	00	3.9
FVA90-01-160	160 mm	01	4.3
FVA90-02-160	160 mm	02	5.6
FVA90-03-160	160 mm	03	7.0
FVA90-00-200	160 mm	00	3.5
FVA90-01-200	160 mm	01	3.9
FVA90-02-200	160 mm	02	4.9
FVA90-03-200	160 mm	03	6.0
FV112 90kN / 20,231 lbs			
FVA112-00-100	100 mm	00	6.1
FVA112-01-100	100 mm	01	7.0
FVA112-02-100	100 mm	02	10.5
FVA112-03-100	100 mm	03	14.3
FVA112-00-125	125 mm	00	5.9
FVA112-01-125	125 mm	01	6.6
FVA112-02-125	125 mm	02	9.4
FVA112-03-125	125 mm	03	12.4
FVA112-00-160	160 mm	00	5.3
FVA112-01-160	160 mm	01	5.9
FVA112-02-160	160 mm	02	8.1
FVA112-03-160	160 mm	03	10.4
FVA112-00-200	200 mm	00	5.0
FVA112-01-200	200 mm	01	5.5
FVA112-02-200	200 mm	02	7.3
FVA112-03-200	200 mm	03	9.2
FVA112-00-250	200 mm	00	4.7
FVA112-01-250	200 mm	01	5.1
FVA112-02-250	200 mm	02	6.5
FVA112-03-250	200 mm	03	8.1

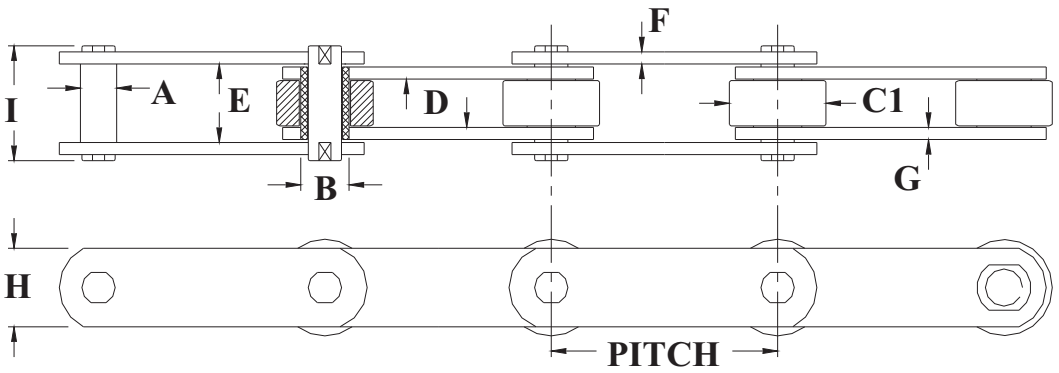
Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
FV140 110kN / 24,727 lbs			
FVA140-00-100	100 mm	00	7.4
FVA140-01-100	100 mm	01	8.7
FVA140-02-100	100 mm	02	13.3
FVA140-00-125	125 mm	00	6.8
FVA140-01-125	125 mm	01	7.4
FVA140-02-125	125 mm	02	10.2
FVA140-03-125	125 mm	03	13.5
FVA140-00-160	160 mm	00	6.6
FVA140-01-160	160 mm	01	7.4
FVA140-02-160	160 mm	02	10.2
FVA140-03-160	160 mm	03	13.5
FVA140-00-200	200 mm	00	5.8
FVA140-01-200	200 mm	01	6.5
FVA140-02-200	200 mm	02	8.8
FVA140-03-200	200 mm	03	11.4
FVA140-00-250	250 mm	00	5.5
FVA140-01-250	250 mm	01	6.0
FVA140-02-250	250 mm	02	7.9
FVA140-03-250	250 mm	03	10.0
FV180 145kN / 32,595 lbs			
FVA180-00-125	125 mm	00	10.7
FVA180-01-125	125 mm	01	12.5
FVA180-02-125	125 mm	02	19.2
FVA180-00-160	160 mm	00	9.7
FVA180-01-160	160 mm	01	11.2
FVA180-02-160	160 mm	02	16.3
FVA180-03-160	160 mm	03	22.2
FVA180-00-200	200 mm	00	9.1
FVA180-01-200	200 mm	01	10.0
FVA180-02-200	200 mm	02	14.4
FVA180-03-200	200 mm	03	19.1
FVA180-00-250	250 mm	00	8.5
FVA180-01-250	250 mm	01	9.5
FVA180-02-250	250 mm	02	12.7
FVA180-03-250	250 mm	03	16.9
FVA180-00-315	315 mm	03	8.2
FVA180-01-315	315 mm	01	9.0
FVA180-02-315	315 mm	02	11.6
FVA180-03-315	315 mm	03	14.5
FV250 215kN / 48,331 lbs			
FVA250-00-160	160 mm	00	13.0
FVA250-01-160	160 mm	01	15.5
FVA250-02-160	160 mm	02	23.4
FVA250-03-160	160 mm	03	39.9
FVA250-00-200	200 mm	00	11.8
FVA250-01-200	200 mm	01	13.8
FVA250-02-200	200 mm	02	20.6
FVA250-03-200	200 mm	03	33.3
FVA250-00-250	250 mm	00	10.8
FVA250-01-250	250 mm	01	12.4
FVA250-02-250	250 mm	02	17.4
FVA250-03-250	250 mm	03	28.0
FVA250-00-315	315 mm	00	10.0
FVA250-01-315	315 mm	01	11.2
FVA250-02-315	315 mm	02	15.2
FVA250-03-315	315 mm	03	23.6

*** N.B. Alternative chain pitch sizes are available on request.**
Hollow stud chain references for FV315, FV400, FV500 & FV630 available on request.

CONVEYOR CHAINS

FV STANDARD CONVEYOR CHAIN - SOLID STUD (DIN 8165)

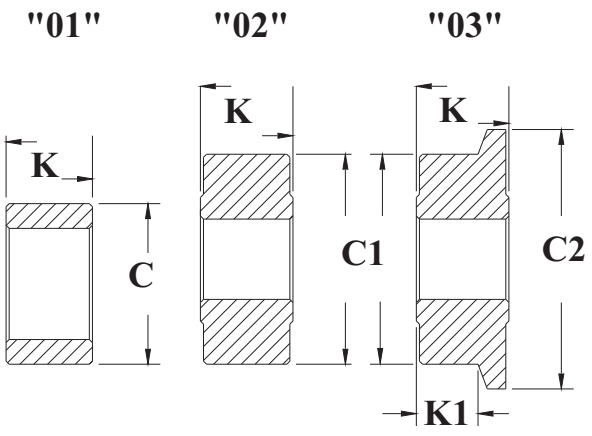
SOLID STUD



Chain Series	Stud Dia. "A"	Bush Dia. "B"	Roller Type	Inside Width "D"	Between Outers "E"	Outer Bar Width "F"	Inner Bar Width "G"	Side Bar Height "H"	Max. Stud Length "I"
FV40 40 kN / 8,992 lbs	10	15	*	18	25	4	4	25	37
FV63 63 kN / 14,162 lbs	12	18	*	22	31	4	4	30	46
FV90 90 kN / 20,231 lbs	14	20	*	25	36	5	5	35	53
FV112 112 kN / 25,177 lbs	16	22	*	30	43	6	6	40	63
FV140 140 kN / 31,471 lbs	18	26	*	35	48	6	6	45	68
FV180 180 kN / 40,463 lbs	20	30	*	45	62.5	8	8	50	86
FV250 250 kN / 56,199 lbs	26	36	*	55	73	8	8	60	98
FV315 315 kN / 70,811 lbs	30	42	*	65	87	10	10	70	117
FV400 400 kN / 89,919 lbs	32	44	*	70	97	12	12	70	131
FV500 500 kN / 112,399 lbs	36	50	*	80	107	12	12	80	141
FV630 630 kN / 141,623 lbs	42	56	*	90	117	12	12	100	153

*For Roller details (00, 01, 02, 03) use Roller Detail section below.

STANDARD ROLLER TYPES - ("00" = ROLLERLESS)



Chain Series	Roller Type							
	01		02		03			
	K	C	K	C1	K	K1	C1	C2
FV40	17	20	17	32	17	12.5	40	48
FV63	21	26	21	40	21	15.5	50	60
FV90	24	30	24	48	24	18.5	63	73
FV112	29	32	29	55	29	22	72	87
FV140	34	36	34	60	34	26	80	95
FV180	44	42	44	70	44	35	100	120
FV250	54	50	54	80	54	42	125	145
FV315	64	60	64	90	64	50	140	170
FV400	68	60	68	100	68	54	150	185
FV500	78	70	78	110	78	60	160	195
FV630	88	80	88	120	88	66	170	210

CONVEYOR CHAINS

FV STANDARD CONVEYOR CHAIN - SOLID STUD (DIN 8165)

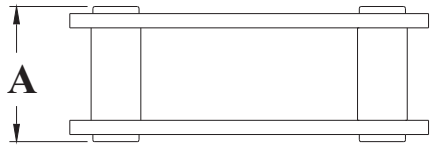
Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
FV40 40kN / 8,992 lbs			
FVB40-00-40	40 mm	00	2.3
FVB40-01-40	40 mm	01	3.1
FVB40-02-40	40 mm	02	4.7
FVB40-00-63	63 mm	00	2.1
FVB40-01-63	63 mm	01	2.4
FVB40-02-63	63 mm	02	3.4
FVB40-03-63	63 mm	03	4.7
FVB40-00-100	100 mm	00	1.8
FVB40-01-100	100 mm	01	2.0
FVB40-02-100	100 mm	02	2.6
FVB40-03-100	100 mm	03	3.4
FV63 63kN / 14,162 lbs			
FVB63-00-63	63 mm	00	3.5
FVB63-01-63	63 mm	01	4.2
FVB63-02-63	63 mm	02	6.1
FVB63-00-100	100 mm	00	3.0
FVB63-01-100	100 mm	01	3.4
FVB63-02-100	100 mm	02	4.6
FVB63-03-100	100 mm	03	5.6
FVB63-00-125	125 mm	00	2.7
FVB63-01-125	125 mm	01	3.1
FVB63-02-125	125 mm	02	4.0
FVB63-03-125	125 mm	03	4.9
FVB63-00-160	160 mm	00	2.5
FVB63-01-160	160 mm	01	2.8
FVB63-02-160	160 mm	02	3.5
FVB63-03-160	160 mm	03	4.2
FV90 90kN / 20,231 lbs			
FVB90-00-63	63 mm	00	5.8
FVB90-01-63	63 mm	01	6.9
FVB90-02-63	63 mm	02	10.1
FVB90-00-100	100 mm	00	4.7
FVB90-01-100	100 mm	01	5.4
FVB90-02-100	100 mm	02	7.4
FVB90-03-100	100 mm	03	9.6
FVB90-00-125	125 mm	00	4.4
FVB90-01-125	125 mm	01	5.0
FVB90-02-125	125 mm	02	6.6
FVB90-03-125	125 mm	03	8.3
FVB90-00-160	160 mm	00	3.9
FVB90-01-160	160 mm	01	4.4
FVB90-02-160	160 mm	02	5.6
FVB90-03-160	160 mm	03	7.0
FVB90-00-200	160 mm	00	3.5
FVB90-01-200	160 mm	01	3.9
FVB90-02-200	160 mm	02	4.9
FVB90-03-200	160 mm	03	6.0
FV112 112kN / 25,177 lbs			
FVB112-00-100	100 mm	00	6.2
FVB112-01-100	100 mm	01	7.1
FVB112-02-100	100 mm	02	10.5
FVB112-03-100	100 mm	03	14.3
FVB112-00-125	125 mm	00	5.9
FVB112-01-125	125 mm	01	6.7
FVB112-02-125	125 mm	02	9.4
FVB112-03-125	125 mm	03	12.4
FVB112-00-160	160 mm	00	5.3
FVB112-01-160	160 mm	01	5.9
FVB112-02-160	160 mm	02	8.1
FVB112-03-160	160 mm	03	10.4
FVB112-00-200	200 mm	00	5.0
FVB112-01-200	200 mm	01	5.5
FVB112-02-200	200 mm	02	7.3
FVB112-03-200	200 mm	03	9.2

Chain Reference	Pitch mm *	Roller Type	Approx. Weight Kgs/M
FV140 140kN / 31,471 lbs			
FVB140-00-100	100 mm	00	7.4
FVB140-01-100	100 mm	01	8.7
FVB140-02-100	100 mm	02	13.3
FVB140-00-125	125 mm	00	6.8
FVB140-01-125	125 mm	01	7.4
FVB140-02-125	125 mm	02	10.2
FVB140-03-125	125 mm	03	13.5
FVB140-00-160	160 mm	00	6.6
FVB140-01-160	160 mm	01	7.4
FVB140-02-160	160 mm	02	10.2
FVB140-03-160	160 mm	03	13.5
FVB140-00-200	200 mm	00	5.8
FVB140-01-200	200 mm	01	6.5
FVB140-02-200	200 mm	02	8.8
FVB140-03-200	200 mm	03	11.4
FVB140-00-250	250 mm	00	5.5
FVB140-01-250	250 mm	01	6.0
FVB140-02-250	250 mm	02	7.9
FVB140-03-250	250 mm	03	10.0
FV180 180kN / 40,463 lbs			
FVB180-00-125	125 mm	00	10.7
FVB180-01-125	125 mm	01	12.5
FVB180-02-125	125 mm	02	19.2
FVB180-00-160	160 mm	00	9.7
FVB180-01-160	160 mm	01	11.2
FVB180-02-160	160 mm	02	16.3
FVB180-03-160	160 mm	03	22.2
FVB180-00-200	200 mm	00	9.1
FVB180-01-200	200 mm	01	10.0
FVB180-02-200	200 mm	02	14.4
FVB180-03-200	200 mm	03	19.1
FVB180-00-250	250 mm	00	8.5
FVB180-01-250	250 mm	01	9.5
FVB180-02-250	250 mm	02	12.7
FVB180-03-250	250 mm	03	16.9
FVB180-00-315	315 mm	03	8.2
FVB180-01-315	315 mm	01	9.0
FVB180-02-315	315 mm	02	11.6
FVB180-03-315	315 mm	03	14.5
FV250 250kN / 56,199 lbs			
FVB250-00-160	160 mm	00	13.0
FVB250-01-160	160 mm	01	15.5
FVB250-02-160	160 mm	02	23.4
FVB250-03-160	160 mm	03	39.9
FVB250-00-200	200 mm	00	11.8
FVB250-01-200	200 mm	01	13.8
FVB250-02-200	200 mm	02	20.6
FVB250-03-200	200 mm	03	33.3
FVB250-00-250	250 mm	00	10.8
FVB250-01-250	250 mm	01	12.4
FVB250-02-250	250 mm	02	17.4
FVB250-03-250	250 mm	03	28.0
FVB250-00-315	315 mm	00	10.0
FVB250-01-315	315 mm	01	11.2
FVB250-02-315	315 mm	02	15.2
FVB250-03-315	315 mm	03	23.6

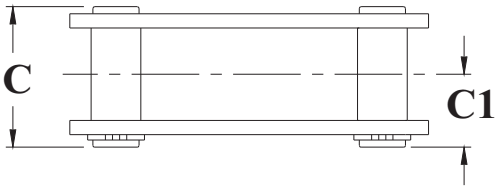
*** N.B. Alternative chain pitch sizes are available on request.**
Solid stud chain references for FVB315, FVB400, FVB500 & FVB630 available on request.

CONNECTING LINKS - HOLLOW & SOLID STUD

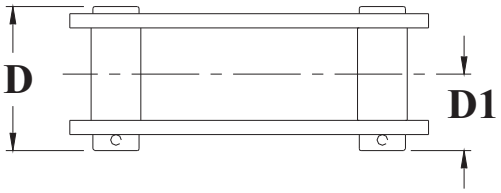
Riveting



Circlip



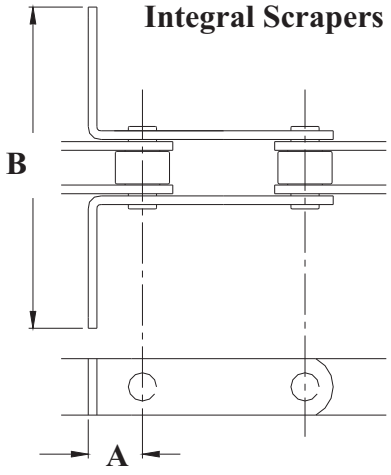
Split Pin



Chain Series	Connecting Link Type (Maximum sizes)				
	Rivet	Circlip		Split Pin	
	A	C	C1	D	D1
Hollow Stud					
FVA63	46	50	27	N/A	N/A
FVA90	53	56.5	30	N/A	N/A
FVA112	63	66.5	35	N/A	N/A
FVA140	68	73	39	N/A	N/A
FVA180	86	92	49	N/A	N/A
FVA250	98	105	56	N/A	N/A
FVA315 to FVA630 Details on request.				N/A	N/A
Solid Stud					
FVB40	37	39.5	21	40.5	22
FVB63	46	50	27	51	28
FVB90	53	56.5	30	57.5	31
FVB112	63	66.5	35	67.5	36
FVB140	68	73	39	74	40
FVB180	86	92	49	93	50
FVB250	98	105	56	106	57
FVB315	117	N/A	N/A	125.5	67
FVB400	131	N/A	N/A	139.5	74
FVB500	141	N/A	N/A	150.5	80
FVB630	153	N/A	N/A	161.5	85

FV STANDARD CONVEYOR CHAIN - INTEGRAL SCRAPERS

Integral Scrapers



Scraper attachments are often supplied with drilled attachment holes upon request.

Welded scraper attachments are available in any size as required, with or without drilled attachment holes.

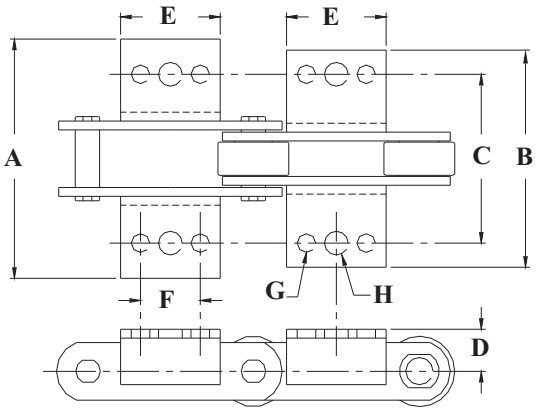
Scraper chains can be supplied dipped in a vegetable based oil upon request.

	Scraper Attachments - Integral Type							
	Chain Series							
	FV40	**FV63**	**FV90**	**FV112**	**FV140**	**FV180**	**FV250**	**FV315**
A	30	30	30	30	30	40	40	50
B	Box Width less 10 mm							

CONVEYOR CHAINS

FV STANDARD CONVEYOR CHAIN (DIN 8165)-"K" TYPE ATTACHMENTS

"K" ATTACHMENTS - WELDED TYPE



Chain Series	"K" Attachment Details - Welded Type												
	Pitch	A	B	C	D	E		F		G	H	I	Kgs/
	mm	max	max			K1	K2	K1	K2				each
	40					N/A	N/A		N/A				
FV40	63	100	100	50	20	31	N/A	N/A	N/A	6.6	6.6	3	0.03
	100						50		30				0.05
	63						N/A		N/A				0.05
	100						50		30				0.09
FV63	125	110	110	68	30	40	60	N/A	40	9	9	3	0.12
	160						70		50				0.14
	63						N/A		N/A				
	100						50		30				0.15
FV90	125	130	130	80	35	N/A	60	N/A	40	9	9	4	0.19
	160						70		50				0.24
	200						80		60				0.27
	250						85		65				0.30
	100						50		30				0.18
	125						65		40				0.23
FV112	160	140	140	100	40	N/A	75	N/A	50	11	11	5	0.28
	200						90		65				0.35
	250						105		80				0.47
	100						55		30				0.28
	125						65		40				0.33
FV140	160	170	170	100	45	N/A	75	N/A	50	11	11	5	0.41
	200						90		65				0.51
	250						105		80				0.69
	125						65		35				0.33
	160						80		50				0.41
FV180	200	190	190	128	45	N/A	95	N/A	65	14	14	6	0.51
	250						110		80				0.69
	315						130		100				0.82
	400						130		100				0.82
	125						N/A		N/A				0.39
	160						80		50				0.62
FV250	200	230	230	138	55	50	95	N/A	65	14	14	7	0.77
	250						110		80				1.04
	315						130		100				1.23
	160						N/A		N/A				0.65
FV315	200	260	260	170	60	50	95	N/A	65	14	14	9	0.83
	250						110		80				1.25
	315						130		100				1.48
FV400, FV500 & FV630	Attachment details determined by the needs of the application - please enquire.												

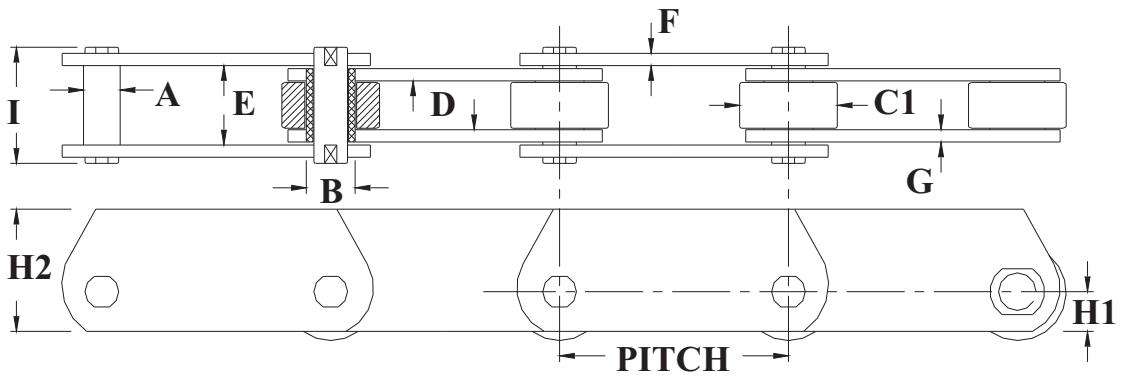
ALTERNATIVE "K" TYPE ATTACHMENTS:

The "K" type atachments shown above are the standard sizes available. These can be varied upon request.
Welded "K" type attachments can be supplied at any pitch spacing on one or both sides of chain.
Welded "K" type attachments are available for all pitch sizes. If you have a specific requirement not covered by the above then **PLEASE ASK US FOR FREE ADVICE.**

CONVEYOR CHAINS

FV STANDARD CONVEYOR CHAIN (DIN 8165)-DEEP LINK CONSTRUCTION

DEEP LINK



	Deep Link Chain Details										
	Chain Series										
	FVT40	**FVT63**	**FVT90**	**FVT112**	**FVT140**	**FVT180**	**FVT250**	**FVT315**	**FVT400**	**FVT500**	**FVT630**
H1	12.5	15	17.5	20	22.5	25	30	35	35	40	50
H2	35	40	45	50	60	70	80	90	90	100	120
Extra Kgs / M	*0.6	*1.0	*1.2	*2.0	*2.9	**4.6	**5.0	**6.4	***5.9	***6.2	***6.3

* Approximate - based on 100 mm pitch
** Approximate - based on 160 mm pitch
*** Approximate - based on 315 mm pitch

Dimension "A" to " I" are identical to the Standard version of each chain series.

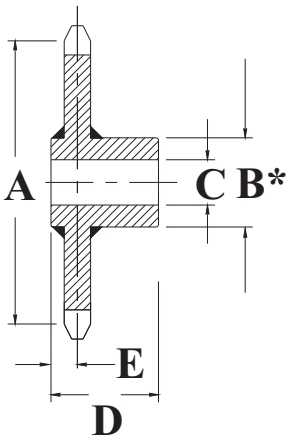
Deep Link Chains are also available with Hollow Studs ("FVA" Series) - Please enquire for details.

SPROCKETS FOR CONVEYOR CHAINS

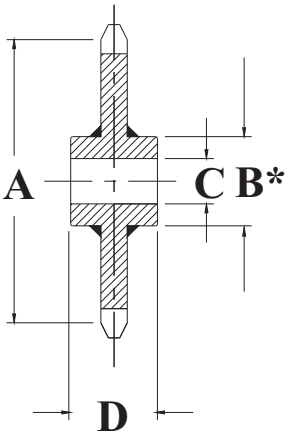
FV CHAIN (DIN 8165) STANDARD SPROCKETS

TYPE "B" - FABRICATED STEEL

One Sided Boss



Central Boss



* Dimensions B & C will vary depending upon shaft diameters and torque requirements - please enquire.

Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
FV40	40 mm	All	B	6 to 16	See page 91	*	*	50	15	On Application
				17 to 24				70		
				25 to 40				90		
FV40	63 mm	All	B	6 to 10	See page 91	*	*	50	15	On Application
				11 to 16				60		
				17 to 24				75		
				25 to 40				100		
FV40	100 mm	All	B	6 to 11	See page 91	*	*	65	15	On Application
				12 to 18				75		
				19 to 21				80		
				22 to 25				90		
FV63/ FV90	63 mm	All	B	6 to 9	See page 91	*	*	55	22	On Application
				10 to 11				60		
				12 to 18				65		
				19 to 21				80		
FV63/ FV90	100 mm	All	B	6 to 9	See page 91	*	*	60	22	On Application
				10 to 11				65		
				12 to 18				70		
				19 to 21				85		
FV63/ FV90	125 mm	All	B	6 to 9	See page 91	*	*	65	22	On Application
				10 to 14				75		
				15 to 18				80		
				19 to 21				90		
FV63/ FV90	160 mm	All	B	6 to 9	See page 91	*	*	70	22	On Application
				10 to 14				85		
				15 to 18				90		
				19 to 21				100		
FV112	100 mm	All	B	6 to 11	See page 91	*	*	70	25	On Application
				12 to 14				75		
				15 to 18				80		
				19 to 21				90		
FV112	125 mm	All	B	6 to 9	See page 91	*	*	70	25	On Application
				10 to 11				75		
				12 to 14				80		
				15 to 18				90		
FV112	160 mm	All	B	6 to 9	See page 91	*	*	75	25	On Application
				10 to 11				80		
				12 to 14				85		
				15 to 18				100		
FV112	200 mm	All	B	6 to 9	See page 91	*	*	90	25	On Application
				10 to 14				100		
				15 to 18				115		

SPROCKETS FOR CONVEYOR CHAINS

FV CHAIN (DIN 8165) STANDARD SPROCKETS

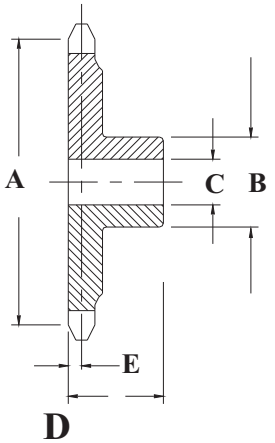
Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
FV140/ FV180	100 mm	All	B	6 to 11	See page 91	*	*	75	30	On Application
				12 to 14				80		
				15 to 18				85		
				19 to 21				100		
FV140/ FV180	125 mm	All	B	6 to 11	See page 91	*	*	75	30	On Application
				12 to 14				80		
				15 to 18				90		
				19 to 21				105		
FV140/ FV180	160 mm	All	B	6 to 9	See page 91	*	*	80	30	On Application
				10 to 11				85		
				12 to 14				90		
				15 to 18				105		
FV140/ FV180	200 mm	All	B	6 to 9	See page 91	*	*	85	30	On Application
				10 to 11				90		
				12 to 14				100		
				15 to 18				120		
FV140/ FV180	250 mm	All	B	6 to 9	See page 91	*	*	90	30	On Application
				10 to 11				105		
				12 to 14				120		
				15 to 18				135		
FV250	125 mm	All	B	6 to 11	See page 91	*	*	75	30	On Application
				12 to 14				80		
				15 to 18				90		
				19 to 21				105		
FV250	160 mm	All	B	6 to 11	See page 91	*	*	85	30	On Application
				12 to 14				90		
				15 to 18				105		
FV250	200 mm	All	B	6 to 9	See page 91	*	*	85	30	On Application
				10 to 11				90		
				12 to 14				100		
				15 to 18				120		
FV250	250 mm	All	B	6 to 9	See page 91	*	*	90	30	On Application
				10 to 11				105		
				12 to 14				120		
				15 to 18				140		
FV250	315 mm	All	B	6 to 9	See page 91	*	*	105	30	On Application
				10 to 11				120		
				12 to 14				130		
FV315	160 mm	All	B	6 to 14	See page 91	*	*	115	35	On Application
				15 to 18				130		
				19 to 21				140		
FV315	200 mm	All	B	6 to 14	See page 91	*	*	115	35	On Application
				15 to 18				130		
				19 to 21				150		
FV315	250 mm	All	B	6 to 11	See page 91	*	*	115	35	On Application
				12 to 14				125		
				15 to 18				150		
FV315	315 mm	All	B	6 to 9	See page 91	*	*	130	35	On Application
				10 to 11				140		
				12 to 14				150		

SPROCKETS FOR CONVEYOR CHAINS

FV CHAIN (DIN 8165) STANDARD SPROCKETS

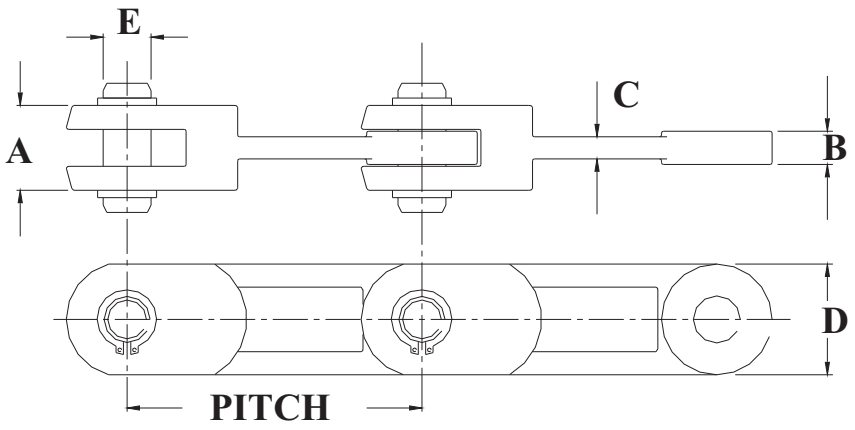
Chain Series	Pitch	Chain Roller Type	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Boss Dia. B	Maximum Bore Dia. C	Boss Width D	E	Sprocket Reference
FV400	200 mm	All	B	6 to 14	See page 91	*	*	125	40	On Application
				15 to 18				140		
				19 to 21				150		
FV400	250 mm	All	B	6 to 9	See page 91	*	*	130	40	On Application
				10 to 11				140		
				12 to 14				150		
				15 to 18				160		
FV400	315 mm	All	B	6 to 9	See page 91	*	*	150	40	On Application
				10 to 11				160		
				12 to 14				170		
FV400	400 mm	All	B	6 to 9	See page 91	*	*	160	40	On Application
				10 to 14				180		
FV500	200 mm	All	B	6 to 14	See page 91	*	*	135	40	On Application
				15 to 18				150		
				19 to 21				165		
FV500	250 mm	All	B	6 to 9	See page 91	*	*	140	40	On Application
				10 to 11				160		
				12 to 14				170		
				15 to 18				190		
FV500	315 mm	All	B	6 to 9	See page 91	*	*	150	40	On Application
				10 to 11				160		
				12 to 14				170		
FV500	400 mm	All	B	6 to 9	See page 91	*	*	160	40	On Application
				10 to 14				180		
FV630	250 mm	All	B	6 to 9	See page 91	*	*	160	45	On Application
				10 to 11				180		
				12 to 14				200		
FV630	315 mm	All	B	6 to 9	See page 91	*	*	150	45	On Application
				10 to 11				160		
				12 to 14				170		
FV630	400 mm	All	B	6 to 9	See page 91	*	*	160	45	On Application
				10 to 11				180		
				12 to 14				200		

TYPE "A" ONE PIECE SPROCKETS



One piece sprockets are available for FV chains FV40 to FV250.
If you require a sprocket of this type then please enquire for details.

FORGED LINK - STANDARD DESIGN "A".



Chain Reference	Pitch mm	Link Width A	Link Width B	Link Width C	Link Height D	Pin Diameter E	Available Styles	*Average Breaking Load (kgs)
F1101	101.6	24	8	6	36	14	A	10,000
F1102	101.6	30	12	8	36	14	A	15,000
F2101	102.0	25	8	6	36	14	A	10,000
F1103	142.0	24	8	6	50	20	A	13,000
F1104	142.0	42	19	13	50	25	A / B / C	27,000
F2102	142.0	56	25	18	50	25	A	35,000
F1105	142.0	62	28	16	50	25	A / B / C	42,000
F1106	150.0	24	8	6	50	20	A	13,000
F1107	150.0	42	15	13	47	25	A	27,000
F2103	160.0	42	20	12	45	20	A	28,000
F1108	160.0	50	23	12	50	25	A / B / C / D	34,000
F2105	200.0	54	26	15	50	25	A	35,000
F2106	200.0	52	25	18	50	25	D	35,000
F2107	200.0	60	25	18	50	25	D	38,000
F2108	200.0	70	30	20	60	30	D	50,000
F1109	200.0	66	33	18	60	28	A	55,000
F3216	216.0	64	26	20	73	35	A	
F2110	250.0	66	33	18	60	28	A	55,000
F2111	250.0	70	30	20	60	30	D	50,000
F1110	250.0	70	31	20	75	34	A	75,000
F2112	250.0	86	43	20	80	40	E	100,000
F1111	260.0	70	31	20	75	34	A	75,000

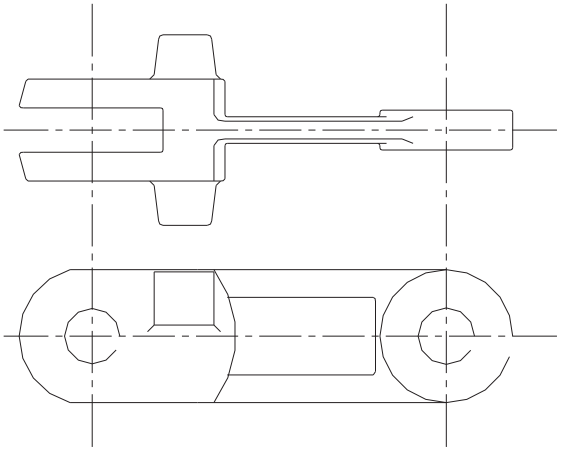
* Average Breaking Load is calculated based upon the use of through hardened steel links.

ALTERNATIVE MATERIALS: The chains listed above are available in three standard material configurations:
1. Carbon Steel 2. Manganese Chrome Steel. 3. Nickel Chrome Steel.
Other materials are available upon request, **PLEASE ASK FOR FREE ADVICE.**

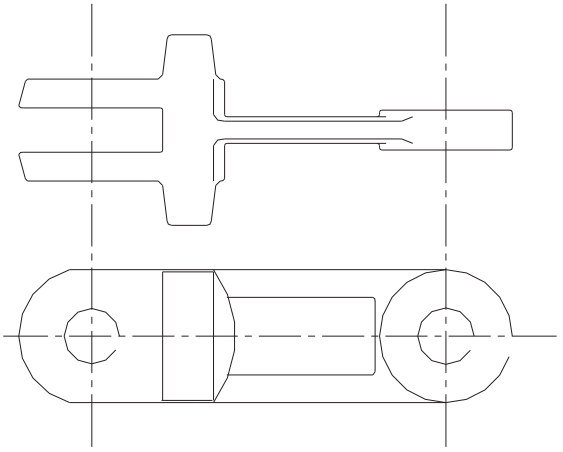
CONVEYOR CHAINS

FORGED LINK CHAIN - ALTERNATIVE LINK DESIGNS

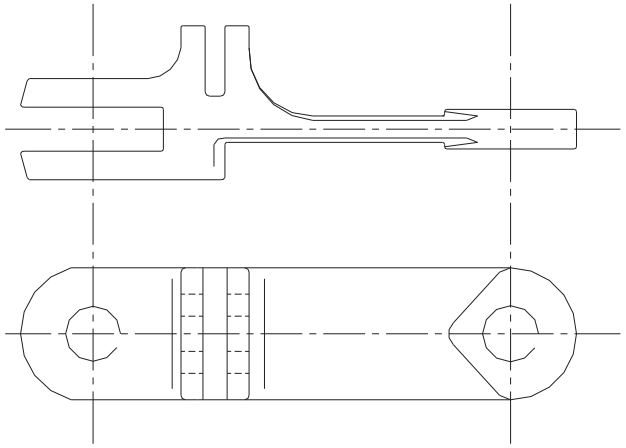
STYLE B



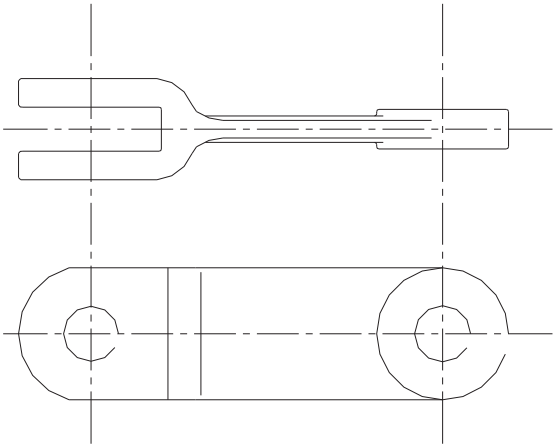
STYLE C



STYLE D



STYLE E



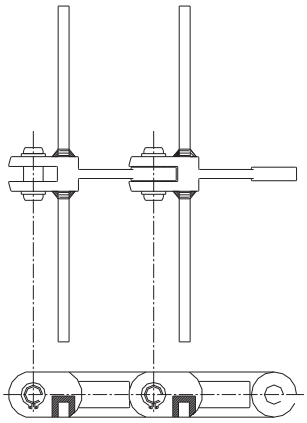
Links can be supplied in Alloy Steel with a press fit inserted bush giving increased wear resistance and extended chain life - PLEASE ASK US FOR FREE ADVICE.

ATTACHMENTS: General details of available Scraper Attachments appear on the next page. Alternative configurations are available such as attachments between two chains and strengthening struts inside attachments frames - PLEASE ASK US FOR FREE ADVICE.

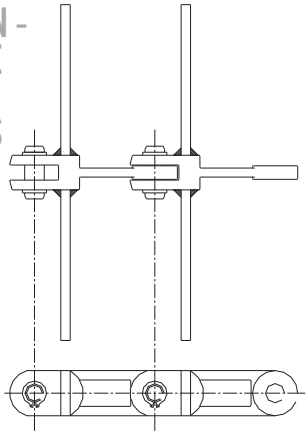
CONVEYOR CHAINS

FORGED LINK CHAIN - ALTERNATIVE SCRAPER ATTACHMENT DESIGNS

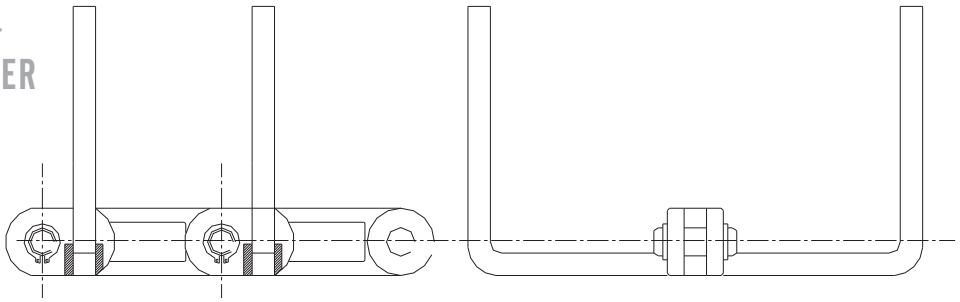
FORGED CHAIN - SQUARE BAR TYPE SCRAPER ATTACHMENTS



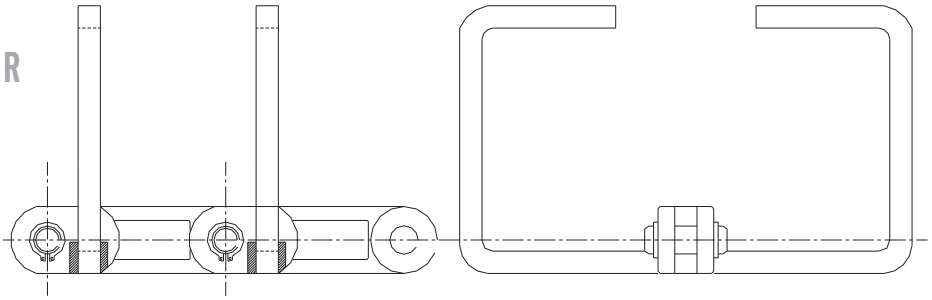
FORGED CHAIN - FLAT BAR TYPE SCRAPER ATTACHMENTS



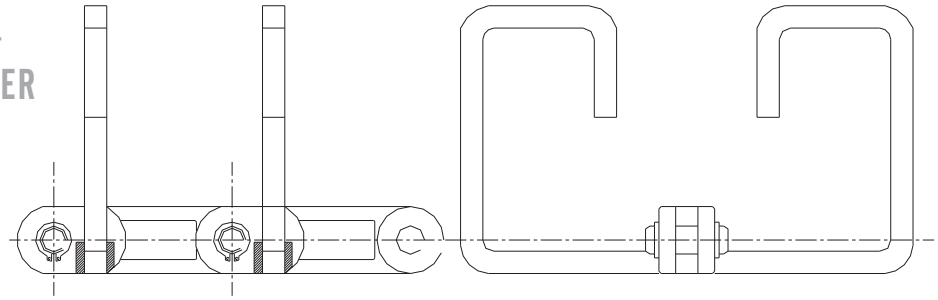
FORGED CHAIN - "U" TYPE SCRAPER ATTACHMENTS



FORGED CHAIN - "C" TYPE SCRAPER ATTACHMENTS



FORGED CHAIN - "O" TYPE SCRAPER ATTACHMENTS

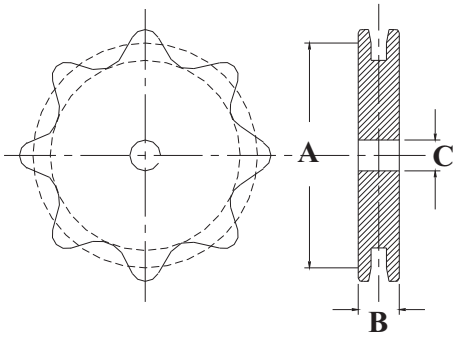


SPROCKETS FOR FORGED LINK CONVEYOR CHAINS

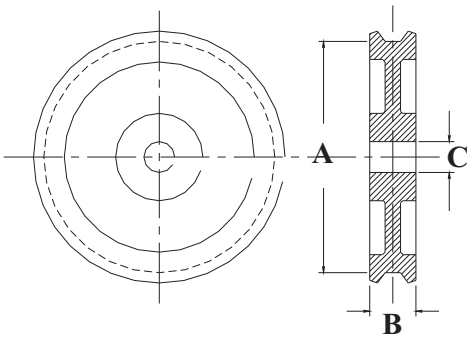
FORGED LINK CHAIN - STANDARD SPROCKETS

FORGED LINK CHAIN SPROCKETS

Drive Sprockets



Tail Sprockets



Chain Reference	Pitch mm	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Sprocket Width B	Pilot Bore Dia. C	Sprocket Reference
F1101	101.6	Drive	6	203.2	34	25	F1101 / 6 / 3 / 0
			8	265.5			F1101 / 8 / 3 / 0
			10	328.8			F1101 / 10 / 3 / 0
			12	392.6			F1101 / 12 / 3 / 0
F1101	101.6	Tail	N/A	140	34	25	F1101 / 0 / 3 / 0 - 1
				209			F1101 / 0 / 3 / 0 - 2
				275			F1101 / 0 / 3 / 0 - 3
				356			F1101 / 0 / 3 / 0 - 4
F1102	101.6	Drive	6	203.2	40	25	F1102 / 6 / 3 / 0
			8	265.5			F1102 / 8 / 3 / 0
			10	328.8			F1102 / 10 / 3 / 0
			12	392.6			F1102 / 12 / 3 / 0
F1102	101.6	Tail	N/A	140	40	25	F1102 / 0 / 3 / 0 - 1
				209			F1102 / 0 / 3 / 0 - 2
				275			F1102 / 0 / 3 / 0 - 3
				356			F1102 / 0 / 3 / 0 - 4
F1103	142.0	Drive	6	284.0	34	35	F1103 / 6 / 3 / 0
			8	371.1			F1103 / 8 / 3 / 0
			10	459.5			F1103 / 10 / 3 / 0
			12	548.7			F1103 / 12 / 3 / 0
F1103	142.0	Tail	N/A	206	34	35	F1103 / 0 / 3 / 0 - 1
				292			F1103 / 0 / 3 / 0 - 2
				387			F1103 / 0 / 3 / 0 - 3
				504			F1103 / 0 / 3 / 0 - 4
F1104	142.0	Drive	6	284.0	50	40	F1104 / 6 / 3 / 0
			8	371.1			F1104 / 8 / 3 / 0
			10	459.5			F1104 / 10 / 3 / 0
			12	548.7			F1104 / 12 / 3 / 0
F1104	142.0	Tail	N/A	206	50	40	F1104 / 0 / 3 / 0 - 1
				292			F1104 / 0 / 3 / 0 - 2
				387			F1104 / 0 / 3 / 0 - 3
				504			F1104 / 0 / 3 / 0 - 4
F1105	142.0	Drive	6	284.0	70	50	F1105 / 6 / 3 / 0
			8	371.1			F1105 / 8 / 3 / 0
			10	459.5			F1105 / 10 / 3 / 0
			12	548.7			F1105 / 12 / 3 / 0
F1105	142.0	Tail	N/A	206	70	50	F1105 / 0 / 3 / 0 - 1
				292			F1105 / 0 / 3 / 0 - 2
				387			F1105 / 0 / 3 / 0 - 3
				504			F1105 / 0 / 3 / 0 - 4

SPROCKETS FOR FORGED LINK CONVEYOR CHAINS

FORGED LINK CHAIN - STANDARD SPROCKETS

Chain Reference	Pitch mm	Sprocket Type	No. of Teeth	Pitch Circle Dia. A	Sprocket Width B	Pilot Bore Dia. C	Sprocket Reference
F1106	150.0	Drive	6	300.0	34	25	F1101 / 6 / 3 / 0
			8	391.7			F1106 / 8 / 3 / 0
			10	485.6			F1106 / 10 / 3 / 0
F1106	150.0	Tail	N/A	224	34	25	F1106 / 0 / 3 / 0 - 1
				326			F1106 / 0 / 3 / 0 - 2
				419			F1106 / 0 / 3 / 0 - 3
F1107	150.0	Drive	6	300.0	50	25	F1107 / 6 / 3 / 0
			8	391.7			F1107 / 8 / 3 / 0
			10	485.6			F1107 / 10 / 3 / 0
F1107	150.0	Tail	N/A	224	50	25	F1107 / 0 / 3 / 0 - 1
				326			F1107 / 0 / 3 / 0 - 2
				419			F1107 / 0 / 3 / 0 - 3
F1108	160.0	Drive	8	418.0	60	50	F1108 / 8 / 3 / 0
			10	517.8			F1108 / 10 / 3 / 0
F1108	160.0	Tail	N/A	338	60	50	F1108 / 0 / 3 / 0 - 1
				442			F1108 / 0 / 3 / 0 - 2
				447			F1108 / 0 / 3 / 0 - 3
F1109	200.0	Drive	8	522.4	80	70	F1109 / 8 / 3 / 0
			10	647.4			F1109 / 10 / 3 / 0
F1109	200.0	Tail	N/A	572	80	70	F1109 / 0 / 3 / 0 - 1
F1110	250.0	Drive	8	653.3	80	70	F1110 / 8 / 3 / 0
F1110	250.0	Tail	N/A	532	80	70	F1110 / 0 / 3 / 0 - 1
F1111	260.0	Drive	8	679.4	80	70	F1111 / 8 / 3 / 0
F1111	260.0	Tail	N/A	560	80	70	F1111 / 0 / 3 / 0 - 1

F2101	102.0	Sprocket Details will be dependent upon the application & be supplied upon request.
F2102	142.0	
F2103	160.0	
F2105	200.0	
F2106	200.0	
F2107	200.0	
F2108	200.0	
F3216	216.0	
F2110	250.0	
F2111	250.0	
F2112	250.0	

All sprockets will normally be supplied in carbon steel material with hardened teeth. If any variation is required then please ask for details.

PITCH CIRCLE DIAMETER OF SPROCKETS (mm)

No. of Teeth	Chain Pitch												
	38.1 1.5"	40	50	50.8 2.0"	63	63.5 2.5"	75	76.2 3.0"	88.9 3.5"	100	101.6 4.0"	125	127 5.0"
6	76.2	80.0	100.0	101.6	126.0	127.0	150.0	152.4	177.8	200.0	203.2	250.0	254.0
7	87.8	92.2	115.2	117.1	145.2	146.4	172.9	175.6	204.9	230.5	234.2	288.1	292.7
8	99.6	104.5	130.7	132.7	164.6	165.9	196.0	199.1	232.3	261.3	265.5	326.6	331.9
9	111.4	117.0	146.2	148.5	184.2	185.7	219.3	222.8	259.9	292.4	297.1	365.5	371.3
10	123.3	129.4	161.8	164.4	203.9	205.5	242.7	246.6	287.7	323.6	328.8	404.5	411.0
11	135.2	142.0	177.5	180.3	223.6	225.4	266.2	270.5	315.5	354.9	360.6	443.7	450.8
12	147.2	154.5	193.2	196.3	243.4	245.3	289.8	294.4	343.5	386.4	392.6	483.0	490.7
13	159.2	167.1	208.9	212.3	263.3	265.3	313.4	318.4	371.5	417.9	424.5	522.3	530.7
14	171.2	179.8	224.7	228.3	283.1	285.4	337.0	342.4	399.5	449.4	456.6	561.7	570.7
15	183.3	192.4	240.5	244.3	303.0	305.4	360.7	366.5	427.6	481.0	488.7	601.2	610.8
16	195.3	205.0	256.3	260.4	322.9	325.5	384.4	390.6	455.7	512.6	520.8	640.7	651.0
17	207.3	217.7	272.1	276.5	342.9	345.6	408.2	414.7	483.8	544.2	552.9	680.3	691.2
18	219.4	230.4	287.9	292.5	362.8	365.7	431.9	438.8	512.0	575.9	585.1	719.8	731.4
19	231.5	243.0	303.8	308.6	382.8	385.8	455.7	463.0	540.1	607.6	617.3	759.4	771.6
20	243.6	255.7	319.6	324.7	402.7	405.9	479.4	487.1	568.3	639.2	649.5	799.1	811.8
21	255.6	268.4	335.5	340.8	422.7	426.1	503.2	511.3	596.5	671.0	681.7	838.7	852.1
22	267.7	281.1	351.3	357.0	442.7	446.2	527.0	535.4	624.7	702.7	713.9	878.3	892.4
23	279.8	293.8	367.2	373.1	462.7	466.3	550.8	559.6	652.9	734.4	746.1	918.0	932.7
24	291.9	306.5	383.1	389.2	482.7	486.5	574.6	583.8	681.1	766.1	778.4	957.7	973.0
25	304.0	319.1	398.9	405.3	502.7	506.6	598.4	608.0	709.3	797.9	810.6	997.3	1013.3

No. of Teeth	Chain Pitch												
	150	152.4 6.0"	190.5 7.5"	200	203.2 8.0"	228.6 9.0"	250	254 10.0"	300	304.8 12.0"	350	381 15"	400
6	300.0	304.8	381.0	400.0	406.4	457.2	500.0	508.0	600.0	609.6	700.0	762.0	800.0
7	345.7	351.2	439.1	461.0	468.3	526.9	576.2	585.4	691.4	702.5	806.7	878.1	921.9
8	392.0	398.2	497.8	522.6	531.0	597.4	653.3	663.7	783.9	796.5	914.6	995.6	1045.3
9	438.6	445.6	557.0	584.8	594.1	668.4	731.0	742.6	877.1	891.2	1023.3	1114.0	1169.5
10	485.4	493.2	616.5	647.2	657.6	739.8	809.0	822.0	970.8	986.4	1132.6	1232.9	1294.4
11	532.4	540.9	676.2	709.9	721.3	811.4	887.4	901.6	1064.8	1081.9	1242.3	1352.3	1419.8
12	579.6	588.8	736.0	772.7	785.1	883.2	965.9	981.4	1159.1	1177.7	1352.3	1472.1	1545.5
13	626.8	636.8	796.0	835.7	849.1	955.2	1044.6	1061.4	1253.6	1273.6	1462.5	1592.0	1671.4
14	674.1	684.9	856.1	898.8	913.2	1027.3	1123.5	1141.5	1348.2	1369.8	1572.9	1712.2	1797.6
15	721.5	733.0	916.3	961.9	977.3	1099.5	1202.4	1221.7	1442.9	1466.0	1683.4	1832.5	1923.9
16	768.9	781.2	976.5	1025.2	1041.6	1171.8	1281.5	1302.0	1537.7	1562.4	1794.0	1952.9	2050.3
17	816.3	829.4	1036.7	1088.4	1105.9	1244.1	1360.5	1382.3	1632.7	1658.8	1904.8	2073.5	
18	863.8	877.6	1097.0	1151.8	1170.2	1316.5	1439.7	1462.7	1727.6	1755.3	2015.6		
19	911.3	925.9	1157.4	1215.1	1234.5	1388.9	1518.9	1543.2	1822.7	1851.8			
20	958.9	974.2	1217.8	1278.5	1298.9	1461.3	1598.1	1623.7	1917.7	1948.4			
21	1006.4	1022.5	1278.2	1341.9	1363.4	1533.8	1677.4	1704.2	2012.9	2045.1			
22	1054.0	1070.9	1338.6	1405.3	1427.8	1606.3	1756.7	1784.8					
23	1101.6	1119.2	1399.0	1468.8	1492.3	1678.8	1836.0	1865.4					
24	1149.2	1167.6	1459.5	1532.3	1556.8	1751.4	1915.3	1946.0					