

CHAINS



Fenner® Chain Drives



Fenner®

Reliable | Trusted | Connected



Reliable | Trusted | Connected



Exceptional Performance

Fenner power transmission products are world renowned for delivering the ultimate combination of rugged construction, reliable and efficient performance and value for money - proven in the harshest environments, guaranteed to perform in yours!

All power transmission products are manufactured to exacting specifications in line with international standards, and are backed-up by a product development programme designed to keep them at the cutting edge.

Over 150 Years of Engineering Heritage

Fenner has been a leading name in power transmission for over 150 years and generations of professional engineers have placed their trust in these products.

Founded in 1861 by Joseph Henry Fenner, the company started as a manufacturer of horse hair and leather power transmission belts. In 1921, woven textile belts were developed and the company began to produce some of the finest transmission belting in the market. Today, Fenner product range include transmission belts, pulleys, chains, sprockets, couplings, taper lock bushes, shaft fixings, gearboxes, motors and inverters.

Our success in the market means that today the Fenner mark is widely recognised as synonymous with exceptional products for everyday use - a fitting tribute to the designers and engineers who proudly continue to oversee these ever-improving fundamentals of power transmission.



Fenner Guarantee



Products are guaranteed in terms of the manufacturer's Standard Conditions of Business only if all components of an assembly (excluding belts) are of genuine manufacture

All products in this manual are available for purchase subject to our standard conditions of sale. To the best of our knowledge the representations concerning performance of any items contained in this manual are, at date of publication, accurate within normally accepted tolerances. We shall not, however, be liable for consequences arising from inaccuracies in drawings, specification or other information based on specifications, dimensions, calculations or information of whatsoever nature obtained from this manual nor be bounded thereto.

All products covered by this manual are manufactured to standards and or specifications adequate for the purpose for which they have been designed. We will repair, or at our discretion, replace, free of charge at point of delivery, any item or part thereof which may prove, within three months after delivery, to be defective due to faulty workmanship or material, save as aforesaid, no warranty or misrepresentation of any nature is or shall be taken to be given by us or is or can be implied.

The information contained herein is subject to alteration without notice, and accordingly, we shall not be bound to the contents of the terms hereof.

IMPORTANT NOTE:

All products listed in this manual are not approved for use in aviation industries. This comprehensive range is suitable for general industrial purposes.



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Fenner's worldwide commitment to quality is a guarantee that wherever the project or customer is located, the Fenner products supplied will always meet the most exacting standards.

Complete Drive Solution for You



The complete drive solution from prime mover to driven machine in one range with one result - driven performance.



CHAINS COUPLINGS BELTS SHAFT FIXINGS GEARBOXES MOTORS INVERTERS

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Fenner® Roller Chain

British Standard (BS) and American ANSI Power Transmission Link Chain

Relative Power ⚡100%

Fenner® PLUS chain builds on the cumulative engineering experience of the existing Fenner® product range but incorporating benefits of several performance enhancing features to create the optimum combination of tensile strength, wear resistance and fatigue life.

Benefits

- Enhanced performance in hostile environments
- Solid rollers manufactured to achieve extremely high surface hardness ensuring high wear resistance
- Bail drifted side plate holes improve finish and combat fatigue failure
- Shot peened plates for increased fatigue resistance and extended chain life
- All Fenner® PLUS chain plates are progressively punched to give excellent accuracy of both hole diameter and pitch
- Operates successfully with irregular lubrication
- Special wax lubrication as standard
- Case hardened bearing pins for wear and elongation resistance
- EPX Easy Pin extraction feature for quick and simple installation



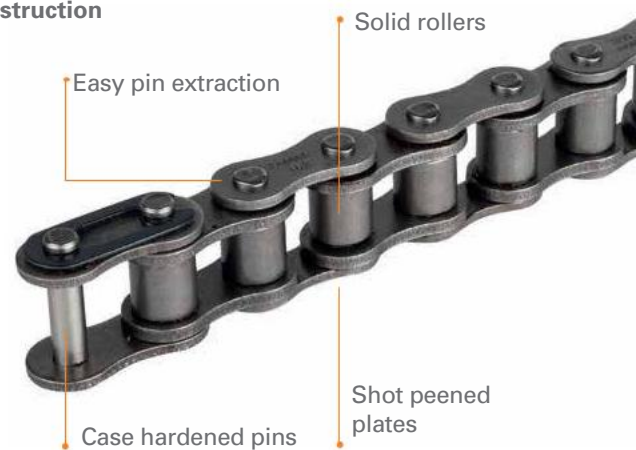
Range

British Standard ISO 06B - 48B (3/8" to 3" pitch)
American Standard ANSI 40 - 240 (1/2" to 3" pitch)
Available in Simplex, Duplex and Triplex or more

Pack Size

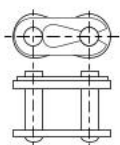
Available in 10 and 25 feet boxes

Construction

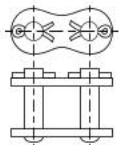


Roller Chain Links

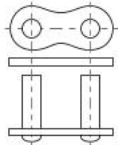
SPRING CLIP CONNECTING LINK



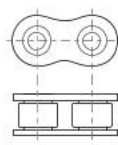
COTTER CONNECTING LINK



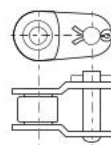
RIVET PIN LINK



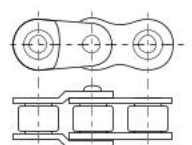
INNER LINK



OFFSET LINK



DOUBLE OFFSET LINK

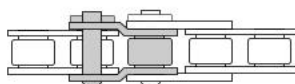


ENDLESS - EVEN NO. OF LINKS



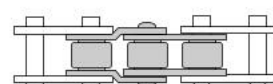
Odd number of links, with inner at each end and 1

ENDLESS - odd NO. OF LINKS



Even number of links, with inner at one end and outer at other end plus 1 offset link.

ENDLESS - ODD NO. OF LINKS



Odd number of links, with outer at each end plus 1 double



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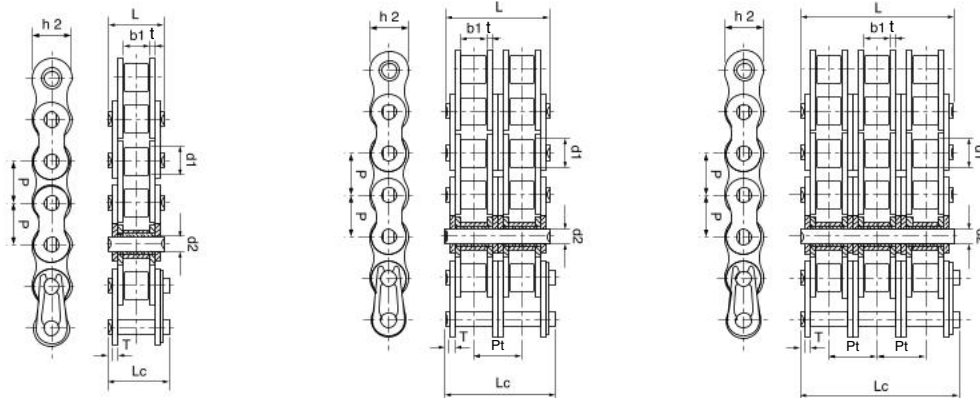
Roller Chain Links

Conn Link	Conn Link	Rivet Pin Link	Double Offset Link	Inner Link	Offset Link
Spring Clip Type	Cotter Type	Rivet-on Type			
BRITISH STANDARD (BS)					
04B		04B	04B	04B	
05B		05B	05B	05B	
06B	06B	06B	06B	06B	06B
08B	08B	08B	08B	08B	08B
10B	10B	10B	10B	10B	10B
12B	12B	12B	12B	12B	12B
16B	16B	16B	16B	16B	16B
	20B	20B			20B
	24B	24B			24B
	28B	28B			28B
	32B	32B			32B
AMERICAN STANDARD (ASA)					
25		25	25	25	
35	35	35	35	35	35
40	40	40	40	40	40
41	41	41	41	41	41
50	50	50	50	50	50
60	60	60	60	60	60
80	80	80	80	80	80
	100	100		100	100
	120	120		120	120
	140	140		140	140
	160	160		180	180
ASA HEAVY DUTY					
40H		40H	40H	40H	
50H	50H	50H	50H	50H	50H
60H	60H	60H	60H	60H	60H
80H	80H	80H	80H	80H	80H
	100H	100H	100H	100H	100H
	120H	120H	120H	120H	120H
DOUBLE PITCH					
A2040	A2040	A2040		A2040	A2040
A2050	A2050	A2050		A2050	A2050
A2060	A2060	A2060		A2060	A2060
C2040	C2040	C2040		C2040	C2040
C2050	C2050	C2050		C2050	C2050
C2060/H	C2060/H	C2060/H		C2060/H	C2060/H
	C2080/H	C2080/H		C2080/H	
	C2100/H	C2100/H		C2100/H	
	C2120/H	C2120/H		C2120/H	
C2042	C2042	C2042		C2042	C2042
C2052	C2052	C2052		C2052	C2052
C2062/H	C2062/H	C2062/H		C2062/H	C2062/H
	C2082/H	C2082/H		C2082/H	
	C2102/H	C2102/H		C2102/H	
	C2102/H	C2102/H		C2102/H	
	C2122/H	C2122/H		C2122/H	



British Standard Roller Chains

BS 228, ISO R606, DIN 8187



Fenner PLUS Product Code	ISO Chain No	ISO Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Transverse Pitch	Fenner PLUS Min Tensile Strength	Fenner Standard Min Tensile Strength	Weight per foot
		P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	Lc max (mm)	h2 max (mm)	T/t max (mm)	Pt (mm)	Q min kN	Qo kN	q kg/m
SIMPLEX													
-	04B-1	6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	-	-	3.00	0.033
-	05B-1	8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	-	-	5.00	0.060
028A0111	#06B-1	9.525	6.35	5.72	3.27	13.50	14.10	8.23	1.30	-	9.00	9.00	
028B0111	08B-1	12.700	8.51	7.75	4.45	16.60	18.20	11.80	1.60	-	18.20	18.00	
028C0111	10B-1	15.875	10.16	9.65	5.08	19.00	20.90	13.70	1.70	-	23.00	22.40	
028D0111	12B-1	19.050	12.07	11.68	5.72	22.30	24.20	16.20	1.85	-	30.50	29.00	
028E0111	16B-1	25.400	15.88	17.02	8.28	35.10	37.40	20.80	4.15/3.10	-	66.00	60.00	
028F0111	20B-1	31.750	19.05	19.56	10.19	40.50	45.00	25.40	4.5/3.5	-	105.00	95.00	
028G0111	24B-1	38.100	25.40	25.40	14.63	53.10	57.80	32.30	6.0/4.8	-	180.00	160.00	
028T0111	28B-1	44.450	27.94	30.95	15.9	65.10	69.50	37.00	7.5/6.0	-	235.00	200.00	
028U0111	32B-1	50.800	29.21	30.99	17.81	63.60	71.00	42.30	7.0/6.0	-	270.00	250.00	
028V0111	40B-1	63.500	39.37	38.10	22.89	79.00	89.20	52.80	8.5/8.0	-	365.00	355.00	
028Z0111	48B-1	76.200	48.26	45.72	29.24	99.10	107.00	64.20	12/10	-	600.00	565.00	
DUPLIX													
-	05B-2	8.000	5.00	3.00	2.31	13.90	14.50	7.10	0.80	5.64	7.80	0.100	
028A0211	#06B-2	9.525	6.35	5.72	3.27	23.80	24.40	8.23	1.30	10.24	17.60	0.226	
028B0211	08B-2	12.700	8.51	7.75	4.45	30.60	32.20	11.80	1.60	13.92	36.40	0.411	
028C0211	10B-2	15.875	10.16	9.65	5.08	35.75	37.50	13.70	1.70	16.59	46.00	0.506	
028D0211	12B-2	19.050	12.07	11.68	5.72	41.80	43.60	16.20	1.85	19.46	61.00	0.707	
028E0211	16B-2	25.400	15.88	17.02	8.28	68.00	69.30	20.80	4.15/3.10	31.88	132.00	1.609	
028F0211	20B-2	31.750	19.05	19.56	10.19	77.00	81.50	25.40	4.5/3.5	36.45	210.00	2.243	
028G0211	24B-2	38.100	25.40	25.40	14.63	101.80	106.20	33.40	6.0/4.8	48.36	360.00	4.221	
028T0211	28B-2	44.450	27.94	30.95	15.9	124.60	129.10	37.00	7.5/6.0	59.56	470.00	5.73	
028U0211	32B-2	50.800	29.21	30.99	17.81	124.60	129.60	42.30	7.0/6.0	58.55	540.00	6.035	
028V0211	40B-2	63.500	39.37	38.10	22.89	152.00	161.50	52.80	8.5/8.0	72.29	730.00	9.778	
028Z0211	48B-2	76.200	48.26	47.70	29.22	190.40	198.20	64.20	12/10	91.21	1200.00	15.087	
TRIPLEX													
028A0311	#06B-3	9.525	6.35	5.72	3.27	34.00	34.60	8.23	1.30	10.24	26.50	0.335	
028B0311	08B-3	12.700	8.51	7.75	4.45	44.60	46.10	11.80	1.60	13.92	54.60	0.616	
028C0311	10B-3	15.875	10.16	9.65	5.08	52.30	54.10	13.70	1.70	16.59	69.00	0.795	
028D0311	12B-3	19.050	12.07	11.68	5.72	61.40	63.10	16.20	1.85	19.46	91.50	1.975	
028E0311	16B-3	25.400	15.88	17.02	8.28	99.90	101.20	20.80	4.15/3.1	31.88	198.00	2.396	
028F0311	20B-3	31.750	19.05	19.56	10.19	113.50	117.90	25.40	4.5/3.5	36.45	315.00	3.353	
028G0311	24B-3	38.100	25.40	25.40	14.63	150.20	154.60	33.40	6.0/4.8	48.36	540.00	6.190	
028T0311	28B-3	44.450	27.94	30.95	15.9	184.60	188.70	37.00	7.5/6.0	59.56	705.00	8.534	
028U0311	32B-3	50.800	29.21	30.99	17.81	184.60	188.20	42.30	7.0/6.0	58.55	810.00	9.022	
028V0311	40B-3	63.500	39.37	38.10	22.89	224.60	233.80	52.80	8.5/8.0	72.29	1095.00	14.617	
028Z0311	48B-3	76.200	48.26	47.70	29.22	281.60	289.40	64.20	12/10	91.21	1800.00	24.444	

#Straight side plates

All Fenner PLUS chains are equivalent to or exceed ISO 606 minimum tensile strength. The above dimensions are to Fenner PLUS chain, some non-functional dimensions may differ slightly for Fenner Standard chain.

Chain is sold in units of feet or metres, depending on geographical market. For weight in metres multiply by 3.281



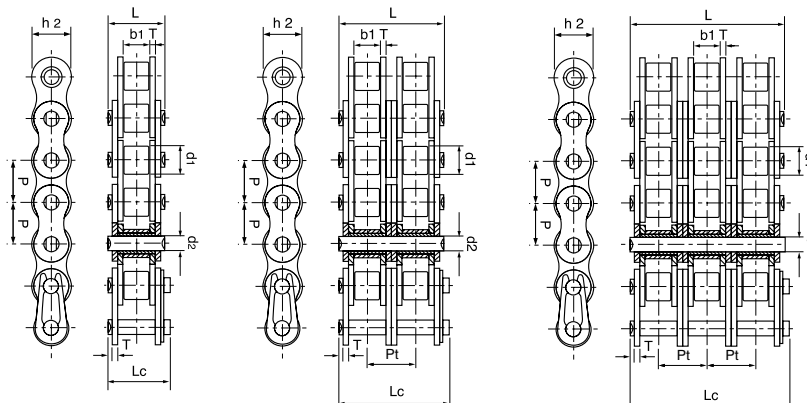
American Standard Roller Chains

ANSI B29.1, ISO R606, DIN 8188

ANSI standard chain is dimensionally similar to BS chain but with generally thicker plates resulting in a narrower b1 dimension between inner plates.

The pitching between strands of duplex and triplex chain, dimension Pt may also vary from BS chain.

Care should be taken to ensure that correct sprockets are used with ANSI chain.



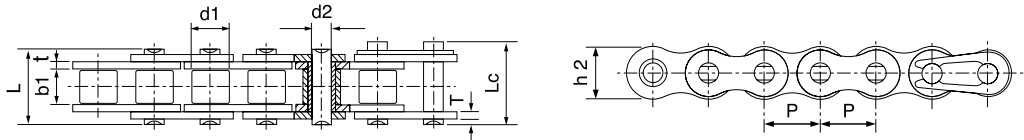
ANSI Chain No	ISO Chain No	ISO Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Transverse Pitch	Fenner PLUS Min Tensile Strength	Weight per foot
		P (mm)	d1 ma (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	Lc max (mm)	h2 max (mm)	t/T max (mm)	Pt (mm)		q kg/m
SIMPLEX												
40	08A-1	12.700	7.930	7.85	3.98	16.30	17.80	11.50	1.50	-	16.50	0.18
50	10A-1	15.875	10.150	9.55	5.09	20.45	22.20	13.70	2.03	-	27.00	0.304
60	12A-1	19.050	11.910	12.65	5.96	25.40	27.70	16.20	2.42	-	38.00	0.414
80	16A-1	25.400	15.880	15.88	7.94	32.80	35.00	20.80	3.25	-	62.00	0.786
100	20A-1	31.750	19.050	19.05	9.53	39.60	44.70	25.40	4.00	-	99.00	1.183
120	24A-1	38.100	22.220	25.40	11.10	49.60	54.30	35.20	4.80	-	140.00	1.695
140	28A-1	44.450	25.400	25.40	12.70	53.50	59.00	42.00	5.60	-	178.00	2.268
160	32A-1	50.800	28.580	31.75	14.27	64.00	69.60	48.20	6.40	-	228.00	3.06
200	40A-1	63.500	39.670	38.10	19.85	77.90	87.20	58.00	8.00	-	380.00	5.09
240	48A-1	76.200	47.630	47.60	23.80	94.50	103.00	71.80	9.50	-	700.00	7.22
DUPLEX												
40-2	08A-2	12.700	7.930	7.85	3.98	30.80	32.2	11.50	1.50	14.38	33.00	0.366
50-2	10A-2	15.875	10.150	9.55	5.09	38.90	40.4	13.70	2.03	18.11	54.00	0.609
60-2	12A-2	19.050	11.910	12.65	5.96	48.30	50.5	16.20	2.42	22.78	76.00	0.829
80-2	16A-2	25.400	15.880	15.87	7.94	62.30	64.3	20.80	3.25	29.29	124.00	1.554
100-2	20A-2	31.750	19.050	19.05	9.53	75.50	80.5	25.40	4.00	35.76	198.00	2.347
120-2	24A-2	38.100	22.220	25.40	11.10	95.30	99.7	35.20	4.80	45.44	280.00	3.340
140-2	28A-2	44.450	25.400	25.40	12.70	102.60	107.9	42.00	5.60	48.87	356.00	4.499
160-2	32A-2	50.800	28.580	31.75	14.27	123.30	144.4	48.20	6.40	58.55	456.00	6.065
200-2	40A-2	63.500	39.670	38.10	19.85	150.20	158.8	58.00	8.00	71.55	760.00	10.119
240-2	48A-2	76.200	47.600	47.60	23.80	182.20	190.8	71.80	9.50	87.83	1400.00	14.400
TRIPLEX												
40-3	08A-3	12.700	7.930	7.85	3.98	45.30	46.6	11.50	1.50	14.38	49.50	0.550
50-3	10A-3	15.875	10.150	9.55	5.09	57.00	58.5	13.70	2.03	18.11	81.00	0.908
60-3	12A-3	19.050	11.910	12.65	5.96	71.10	73.3	16.20	2.42	22.78	114.00	1.243
80-3	16A-3	25.400	15.880	15.88	7.94	91.80	93.6	20.80	3.25	29.29	186.00	2.340
100-3	20A-3	31.750	19.050	19.05	9.53	112.10	116.3	25.40	4.00	35.76	297.00	3.511
120-3	24A-3	38.100	22.220	25.40	11.10	140.90	145.2	35.20	4.80	45.44	420.00	5.011
140-3	28A-3	44.450	25.400	25.40	12.70	152.40	156.8	42.00	5.60	48.87	534.00	6.730
160-3	32A-3	50.800	28.580	31.75	14.27	182.00	182	48.20	6.40	58.55	684.00	9.070
200-3	40A-3	63.500	39.670	38.10	19.85	222.20	230.4	58.00	8.00	71.55	1140.00	15.148
240-3	48A-3	76.200	47.600	47.60	23.80	270.00	278.6	71.80	9.50	87.83	2100.00	21.490

#Straight side plates
All Fenner PLUS chains are equivalent to or exceed ISO 606 minimum tensile strength. The above dimensions are to Fenner PLUS chain, some non-functional dimensions may differ slightly for Fenner Standard chain.

Chain is sold in units of feet or metres, depending on geographical market.
For weight in metres multiply by 3.281



Fenner® Special Chains



Chain No.	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
	P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	LC max (mm)	h2 max (mm)	t/T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
04BH	6.00	4.00	2.80	1.85	8.40	9.40	5.00	0.90	5.00	5.30	0.14
415	12.70	7.77	4.76	3.60	11.00	12.40	9.70	1.00	6.86	7.60	0.32
415H	12.70	7.77	4.76	3.96	13.10	14.50	12.00	1.50	14.40	16.10	0.55
415B	12.70	7.75	4.88	4.09	12.90	14.40	10.30	1.30	12.00	14.20	0.44
415BF1	12.70	7.75	4.88	4.09	11.50	13.00	10.30	1.00	9.00	10.60	0.38
423	12.70	8.51	6.40	4.45	15.60	17.10	12.40	1.70	19.60	21.90	0.71
478	12.70	7.80	4.80	4.00	11.60	13.65	10.46	1.25	9.80	12.80	0.39
08BF	12.70	8.51	5.55	4.45	14.60	16.10	11.80	1.60	17.80	19.20	0.66
12BV	19.05	12.07	11.68	6.10	24.50	26.50	16.00	2.42	36.00	39.90	1.43
12BH	19.05	12.07	11.68	5.94	25.20	26.80	16.00	2.42	40.00	44.40	1.45
12BHF1	19.05	12.07	11.68	6.10	25.00	27.20	16.50	2.50	44.00	48.80	1.46
16BF1	25.40	15.88	12.20	8.28	31.40	32.70	21.00	4.15/3.1	60.00	71.40	2.60
16BF2	25.40	15.88	17.02	8.28	38.60	39.80	21.00	4.15	60.00	71.40	3.08
16BF5	25.40	15.88	12.70	8.28	30.80	32.10	20.00	3.5/3.0	50.00	57.50	2.37
16BH	25.40	15.88	17.02	8.90	35.70	38.90	24.10	4.0/3.1	80.00	94.20	3.11
24BH	38.10	25.40	25.40	14.63	58.60	63.40	36.20	7.5/6.0	225.00	250.30	9.00

Fenner® PLUS Lubrication Free Chain

British Standard (BS) and American ANSI Power Transmission Link Chain
Relative Power +140%

Fenner® PLUS Lubrication Free roller chain utilises sintered bush chain technology which negates the need to pre-lubricate the chain for longer storage or running. It is an ideal solution for situations where lubrication is difficult or contamination and fire are serious problems.

Benefits

- > Built-in lubrication, the ideal solution for applications that are difficult to reach or contamination is an issue
- > Sintered bushes impregnated with oil operate at up to 2.5m/sec, more than twice that of composite bush chains



Range

British Standard ISO 06B - 48B (3/8" to 3" pitch), American Standard ANSI 40 - 240 (1/2" to 3" pitch), Available in Simplex, Duplex and Triplex

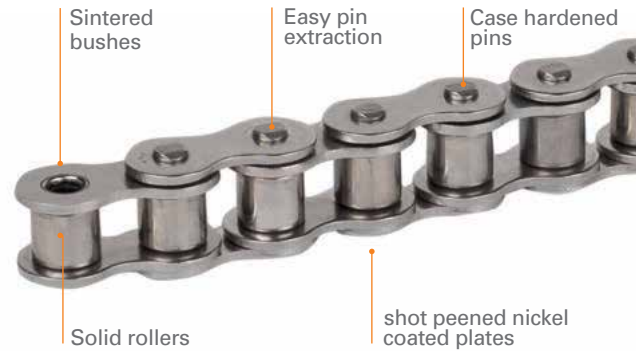
Pack Size

Available in 10 and 25 metres boxes

Construction

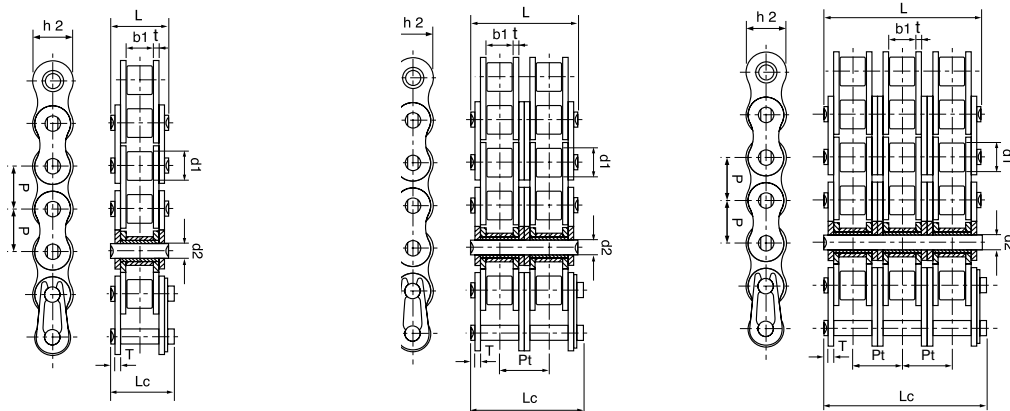


Enhanced performance in hostile environments
Solid rollers manufactured to achieve extremely high surface hardness ensuring high wear resistance
Shot peened plates for increased fatigue resistance and extended chain life
All Fenner® PLUS chain plates are progressively punched to give excellent accuracy of both pin diameter and pitch
Case hardened bearing pins for wear and elongation resistance
EPX Easy Pin extraction feature for quick and simple installation



British Standard Fenner PLUS Lubrication Free Roller Chain

BS 228, ISO R606, DIN 8187

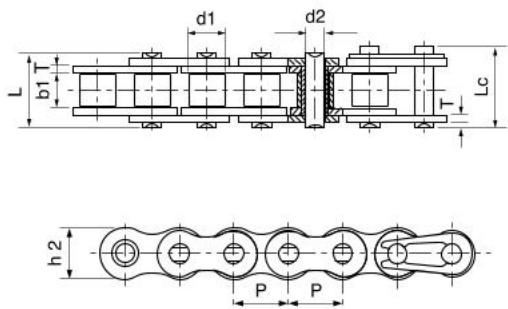


ISO Chain No.	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Transverse Pitch	Fenner PLUS Min Tensile Strength	Weight per Foot
	P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	Lc max (mm)	h2 max (mm)	t/T max (mm)	Pt (mm)	Q min (kN)	q kg/m
08B-1	12.700	8.51	7.75	4.45	16.60	18.20	11.80	1.6	-	17.80	0.210
10B-1	15.875	10.16	9.65	5.08	19.00	20.90	13.70	1.7	-	22.20	0.259
12B-1	19.050	12.07	11.68	5.72	22.30	24.20	16.20	1.85	-	28.90	0.357
16B-1	25.400	15.88	17.02	8.28	35.10	37.40	20.80	4.15/3.1	-	60.00	0.811
08B-2	12.700	8.51	7.75	4.45	30.60	32.20	11.80	1.6	13.92	31.10	0.411
10B-2	15.875	10.16	9.65	5.08	35.75	37.50	13.70	1.7	16.59	44.50	0.506
12B-2	19.050	12.07	11.68	5.72	41.80	43.60	16.20	1.85	19.46	57.80	0.707
16B-2	25.400	15.88	17.02	8.28	68.00	69.30	20.80	4.15/3.1	31.88	106.00	1.609
08B-3	12.700	8.51	7.75	4.45	44.60	46.10	11.80	1.6	13.92	44.50	0.616
10B-3	15.875	10.16	9.65	5.08	52.30	54.10	13.70	1.7	16.59	66.70	0.795
12B-3	19.050	12.07	11.68	5.72	61.40	63.10	16.20	1.85	19.46	86.70	1.975
16B-3	25.400	15.88	17.02	8.28	99.90	101.20	20.80	4.15/3.1	31.88	160.00	2.396

Chain is sold in units of feet or metres, depending on geographical market.



American Standard Roller Chains

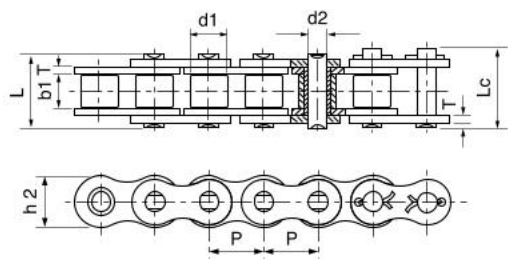


“H” Series

ANSI “H” Series chains are dimensionally identical to ANSI standard chains except that the sideplates are thicker. The heavier side plates provide some additional fatigue resistance. They are primarily intended for applications where occasional shock loads are likely to cause fatigue failures in the chain. Whilst there is an increase in tensile strength, the wear life of the case hardened pins remains the same as for standard chain.

Product Code	ANSI Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
		P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	Lc max (mm)	h2 max (mm)	t/T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
028L5114	40H	12.700	7.95	7.85	3.96	18.80	19.90	12.00	2.03	14.10	19.10	0.82
028N0114	50H	15.875	10.16	9.40	5.08	22.10	23.40	15.09	2.42	22.20	30.20	1.25
028P0114	60H	19.050	11.91	12.57	5.94	29.20	31.00	18.00	3.25	31.80	42.70	1.87
028Q0114	80H	25.400	15.88	15.75	7.92	36.20	37.70	24.00	4.00	56.70	71.40	3.10
028R0114	100H	31.750	19.05	18.90	9.53	43.60	46.90	30.00	4.80	88.50	112.40	4.52
028S0114	120H	38.100	22.23	25.22	11.10	53.50	57.50	35.70	5.60	127.00	160.90	6.60
028W0114	140H	44.450	25.40	25.22	12.70	57.60	62.20	41.00	6.40	172.40	217.30	8.30
028X0114	160H	50.800	28.58	31.55	14.27	68.20	73.00	47.80	7.20	226.80	285.80	10.30
028Z0114	200H	63.500	39.68	37.85	19.85	86.60	93.50	60.00	9.50	353.80	444.50	19.16

Note: Refer to your local Authorised Distributor for dimensional details of ANSI “H” Series multiple strand chain



“SH” Series

ANSI “SH” series chains are identical to “H” series but they have a different pin material, which is through hardened. The surface hardness is less than that of the carburised pins in the ANSI standard and ANSI “H” series chains but through hardened pins provide additional fatigue resistance, at some slight sacrifice in wear life.

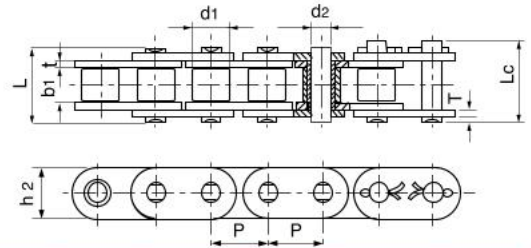
Simplex “SH” series chains operate on standard ANSI sprockets. Multiple strand “SH” series chain requires non-standard ANSI sprockets because of the thicker side plates.

ANSI Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
	P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	Lc max (mm)	h2 max (mm)	T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
40SH	12.700	7.95	7.85	3.96	18.80	19.90	12.00	2.03	22.40	24.80	0.82
50SH	15.875	10.16	9.40	5.08	22.10	23.40	15.09	2.42	30.40	36.20	1.25
60SH	19.050	11.91	12.57	5.94	29.20	31.60	18.00	3.25	44.10	50.40	1.87
80SH	25.400	15.88	15.75	7.92	36.20	37.70	24.00	4.00	88.20	93.00	3.10
100SH	31.750	19.05	18.90	9.53	43.60	46.90	30.00	4.80	116.60	129.10	4.52
120SH	38.100	22.23	25.22	11.10	53.50	57.50	35.70	5.60	158.20	175.30	6.60
140SH	44.450	25.40	25.22	12.70	57.60	62.20	41.00	6.40	206.00	266.50	8.30
160SH	50.800	28.58	31.55	14.27	68.20	73.00	47.80	7.20	274.00	293.00	10.30
200SH	63.500	39.68	37.85	19.85	86.60	93.50	60.00	9.50	506.10	562.30	19.16

Chain is sold in units of feet or metres, depending on geographical market.



Roller Chains with Straight Side Plates



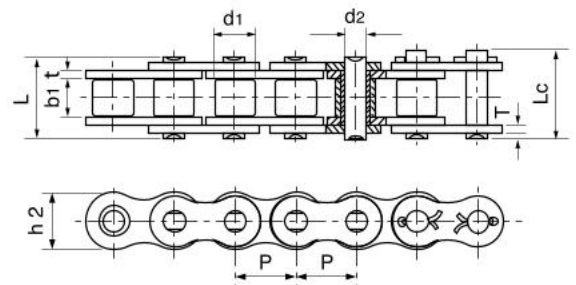
Product Code	DIN ISO Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
		P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	LC max (mm)	h2 max (mm)	t/T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
028B0410	C08B-1	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00	19.50	0.80
028C0410	C10B-1	15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40	27.09	1.06
028D0410	C12B-1	19.050	12.07	11.68	5.72	22.50	25.20	16.00	1.85	29.00	32.20	1.32
028E0410	C16B-1	25.400	15.88	17.02	8.28	36.10	39.10	21.00	4.15/3.1	60.00	72.80	3.08
028E0410	C16B-/24	25.400	15.88	17.02	8.28	36.10	39.10	24.00	4.15/3.1	60.00	72.80	3.49
028F0410	C20B-1	31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	95.00	106.70	4.16
028G0410	C24B-1	38.100	25.40	25.40	14.63	53.40	57.80	33.20	6.0/4.8	160.00	178.00	7.47

Chain is sold in units of feet or metres, depending on geographical market

Stainless Steel Chains

Material: AISI 304 Stainless Steel for optimum corrosion resistance, having regard for tensile strength and wear life considerations.

Stainless steel chain is not as hard or as strong as carbon steel chain. AISI 304 Stainless Steel may have some slight residual magnetism due to cold working of the pins, bushes and rollers in manufacture. For applications where non-magnetic chain is required consult your local Authorised Distributor.



Product Code	Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
		P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	LC max (mm)	h2 max (mm)	t/T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
028H0112	04B-1SS	6.000	4.00	2.80	1.85	6.80	7.80	5.00	0.60	2.00	2.40	0.11
028J0112	05B-1SS	8.000	5.00	3.00	2.31	8.20	8.90	7.10	0.80	3.50	4.10	0.20
028A0412	*06B-1SS	9.525	6.35	5.72	3.28	13.15	14.10	8.20	1.30	6.20	6.80	0.41
028B0112	08B-1SS	12.700	8.51	7.75	4.45	16.70	18.20	11.80	1.60	12.00	14.30	0.70
028C0112	10B-1SS	15.875	10.16	9.65	5.08	19.50	20.90	14.70	1.70	14.50	17.20	0.94
028D0112	12B-1SS	19.050	12.07	11.68	5.72	22.50	24.20	16.00	1.85	18.50	20.90	1.16
028E0112	16B-1SS	25.400	15.88	17.02	8.28	36.10	37.40	21.00	4.15/3.1	40.00	47.60	2.73
028F0112	20B-1SS	31.750	19.05	19.56	10.19	41.30	45.00	26.40	4.5/3.5	59.00	69.60	3.73
028K0112	•35SS	9.525	5.08	4.77	3.58	12.40	13.17	9.00	1.30	5.50	6.60	0.33
028L0112	40SS	12.700	7.95	7.85	3.96	16.60	17.80	12.00	1.50	9.60	10.80	0.63
028N0112	50SS	15.875	10.16	9.40	5.08	20.70	22.20	15.00	2.03	15.20	17.20	1.03
028P0112	60SS	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.42	21.70	26.40	1.51
028Q0112	80SS	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.25	38.90	46.60	2.62

* Straight Side Plates.

* Busing chain, d1 indicates the external diameter of the bushing.



Fenner® Conveyor Chains

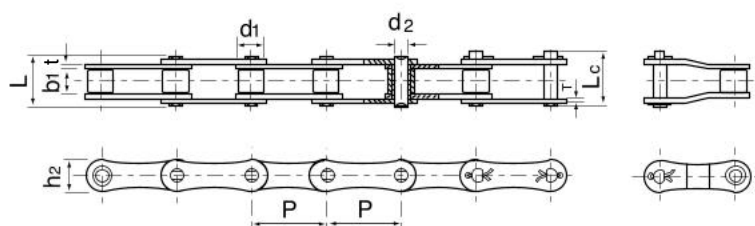
Combining our in-depth application knowledge and market leading engineering and expertise with our heavy duty, premium quality, and British manufactured range of Fenner Conveyor Chains allows us to deliver fully engineered solutions for all your conveyor chain requirements.

Benefits

- > Simple, standard solutions
- > Hollow pin chain up to 36,000 lbf breaking load
- > Solid pin chain up to 176,000 lbf breaking load
- > Deep link chain, British and ISO standards
- > Sizes up to 12" pitch; Variety of materials and finishes
- > Cast or welded attachments



Double Pitch Transmission Chains

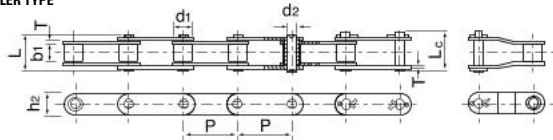


ANSI Chain No	ISO Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
		P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	LC max (mm)	h2 max (mm)	t/T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
A2040	208B	25.40	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10	16.70	0.42
		25.40	8.51	7.75	4.45	16.70	18.20	11.80	1.60	18.00	19.40	0.45
A2050	210B	31.75	10.16	9.40	5.08	20.70	22.20	15.00	2.03	22.20	28.10	0.73
		31.75	10.16	9.65	5.08	19.50	20.90	14.70	1.70	22.40	27.50	0.65
A2060	212B	38.10	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80	36.80	1.02
		38.10	12.07	11.68	5.72	22.50	25.20	16.00	1.85	29.00	32.20	0.76
A2080	216B	50.80	15.88	15.75	7.92	32.70	36.50	24.00	3.25	56.70	65.70	1.70
		50.80	15.88	17.02	8.28	36.10	39.10	21.00	4.15/3.10	60.00	72.80	1.75

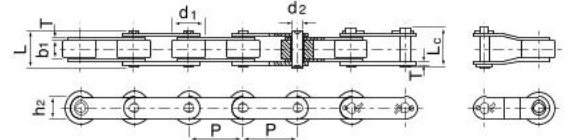


Double Pitch Conveyor Chains

SMALL ROLLER TYPE



LARGE ROLLER TYPE



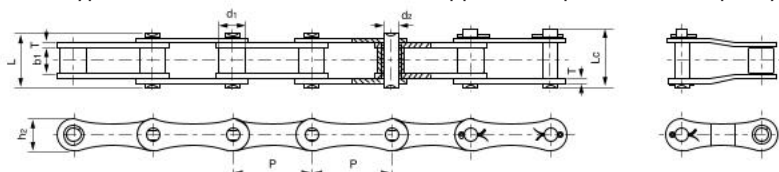
ANSI Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
	P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	LC max (mm)	h2 max (mm)	t/T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
C2040	25.40	7.95	7.85	3.96	16.60	17.80	12.00	1.50	14.10	16.70	0.50
C2042	25.40	15.88	7.85	3.96	16.60	17.80	12.00	1.50	14.10	16.70	0.84
C2050	31.75	10.16	9.40	5.08	20.70	22.20	15.00	2.03	22.20	28.10	0.78
C2052	31.75	19.05	9.40	5.08	20.70	22.20	15.00	2.03	22.20	28.10	1.27
C2060	38.10	11.91	12.57	5.94	25.90	27.70	18.00	2.42	31.80	36.80	1.12
C2062	38.10	22.23	12.57	5.94	25.90	27.70	18.00	2.42	31.80	36.80	1.61
C2060H	38.10	11.91	12.57	5.94	29.20	31.60	18.00	3.25	31.80	41.60	1.44
C2062H	38.10	22.23	12.57	5.94	29.20	31.60	18.00	3.25	31.80	41.60	2.07
C2080H	50.80	15.88	15.75	7.92	36.20	39.40	24.40	4.00	56.70	70.00	2.54
C2082H	50.80	28.58	15.75	7.92	36.20	39.40	24.40	4.00	56.70	70.00	3.58
C2100H	63.50	19.05	18.90	9.53	43.60	46.90	30.00	4.80	88.50	112.40	3.56
C2102H	63.50	39.67	18.90	9.53	43.60	46.90	30.00	4.80	88.50	112.40	5.38
C2120H	76.20	22.23	25.22	11.10	53.50	57.50	35.70	5.60	127.00	160.90	5.26

Chain is sold in units of feet or metres, depending on geographical market



'S' Type Steel Agricultural Chains

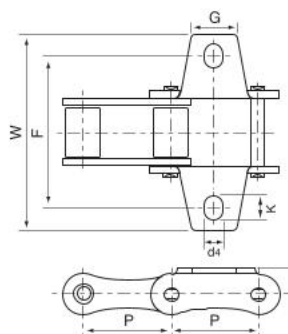
All 'S' type chain and attachments can be supplied zinc plated. Please specify at time of order.



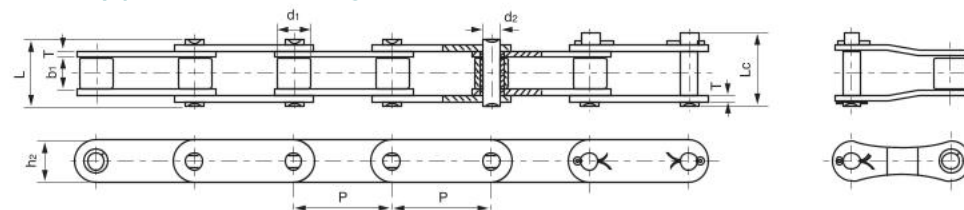
Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
	P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	L max (mm)	LC max (mm)	h2 max (mm)	t/T max (mm)	Q min (kN)	Q0 (kN)	q kg/m
S32	29.21	11.43	15.88	4.45	26.70	28.80	13.20	1.80	18.00	21.60	0.86
S42	34.93	14.27	19.05	7.00	34.30	37.00	19.80	2.80	27.00	50.80	1.60
S45	41.40	15.24	22.23	5.72	37.70	40.40	17.30	2.80	18.00	36.10	1.66
S52	38.10	15.24	22.23	5.72	37.70	40.40	17.30	2.80	18.00	36.10	1.68
S55	41.40	17.78	22.23	5.72	37.70	40.40	17.30	2.80	18.00	36.10	1.80
S55R	41.40	17.78	22.23	8.90	41.00	44.00	22.40	3.50	45.00	73.10	2.49
S62	41.91	19.05	25.40	5.72	40.30	43.00	17.30	2.50	27.00	36.10	1.87
S77	58.34	18.26	22.23	8.90	43.20	46.40	26.20	4.00	45.00	73.10	2.65
S88	66.27	22.86	28.58	8.90	49.80	53.00	26.20	4.00	45.00	73.10	3.25

K-1 Attachments

Chain No	Pitch	Width	Hole Centres	Overall Width	Platform Height	Hole Dia	Elongated Slot Width
	P mm	G mm	F mm	W mm	h4 mm	d4 mm	K mm
S32K1	29.21	15.00	42.90	61.00	8.60	5.30	6.90
S42K1	34.93	17.50	54.00	74.90	14.00	8.30	11.50
S45K1	41.40	22.00	54.00	75.00	11.40	8.50	11.70
S52K1	38.10	19.00	58.80	78.00	11.40	8.30	9.90
S55K1	41.40	22.00	54.00	75.00	11.40	8.50	11.70
S62K1	41.91	22.00	66.80	95.40	11.40	6.50	13.00
S62F2	41.91	22.00	66.80	95.40	11.40	8.30	14.70



'C' Type Steel Agricultural Chains



Chain No	Pitch	Roller Diameter	Width Between Inner Plates	Pin Diameter	Pin Length		Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
	P mm	d1 max mm	b1 min mm	d2 max mm	L max mm	Lc max mm	h2 max mm	T max mm	Q min kN	Q0 kN	q kg/m
CA550	41.40	16.87	19.81	7.19	35.00	38.00	19.30	2.80	39.10	51.20	1.94
CA557	41.40	17.78	20.24	8.00	37.40	40.60	23.10	3.10	55.61	74.30	2.20
CA620	42.01	17.91	24.51	7.19	41.80	45.20	20.20	3.25	39.10	55.10	2.35



Reliable | Trusted | Connected

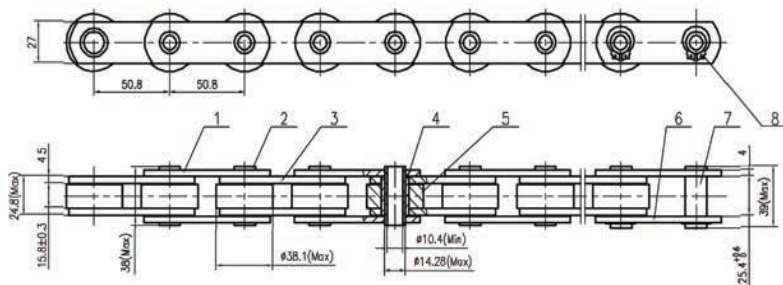


Fenner® Harvester Chain

Combining our in-depth application knowledge and market leading engineering expertise with our heavy duty and premium quality products, the Fenner Harvester Chains allow us to deliver enhanced wear and improved efficiency in harvesting.

Simple, Standard Solutions

- Shot peened plates for fatigue resistance
- Statically pre-loaded for an enhanced wear life
- British and ISO standards
- Cast or welded attachments
- Variety of materials and finishes



Fenner® Attachment Chain

A full range of high quality attachment chains available on short delivery times using stock components and chain.

Benefits

- Enhanced performance in hostile environments
- Solid rollers manufactured to achieve high surface hardness
- Shot peened plates for increased fatigue resistance and extended chain life
- Available in carbon and stainless steel variants
- Available as matched lengths





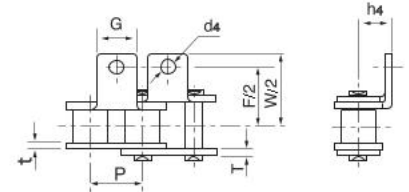
BS & ANSI Chains with Attachments

The following attachments, for British and ANSI chains, conform to Fenner dimensional standards, which are generally the ISO "Standard". Other chain manufacturers have their own "standard" dimensions for attachments which can vary dimensionally from the Fenner standard. Before ordering any chains with attachments the critical dimensions of platform height, hole diameter and hole centres should be checked to ensure that the Fenner standard meets your requirement. Should you require attachments to other manufacturers "standards" please advise us as, we can supply to other dimensional standards. Certified drawings of Fenner attachments are available upon request.

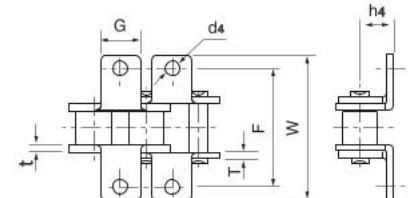
ISO Chain No	ANSI Chain No	Pitch	Width	Hole Centres	Overall Width	Plate Thickness	Platform Height	Hole Dia
		P mm	G mm	F mm	W mm	t/T mm	h4 mm	d4 mm
*06B		9.525	8.00	19.04	27.00	1.30	6.50	3.50
08B		12.700	9.50	25.40	36.40	1.60	8.90	4.50
10B		15.875	14.30	31.75	44.60	1.70	10.31	5.30
12B		19.050	16.00	38.10	52.40	1.85	13.46	6.40
16B		25.400	19.10	50.80	72.60	4.15/3.10	15.88	6.40
	40	12.700	9.50	25.40	35.20	1.50	7.90	3.40
	50	15.875	12.70	31.75	46.20	2.03	10.30	5.50
	60	19.050	15.90	38.10	55.60	2.42	11.90	5.50
	80	25.400	19.10	50.80	64.80	3.25	15.90	6.80
	100	31.750	25.40	63.50	87.30	4.00	19.80	9.20
	120	38.100	28.60	76.20	108.50	4.80	23.00	9.80
	140	44.450	34.90	88.90	123.00	5.60	28.60	11.40
	160	50.800	38.10	101.60	142.80	6.40	31.80	13.10

* Straight Side Plates

A-1 ATTACHMENTS - ONE SIDE



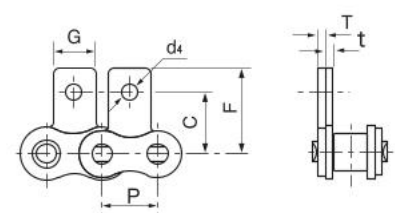
K-1 ATTACHMENTS - BOTH SIDES



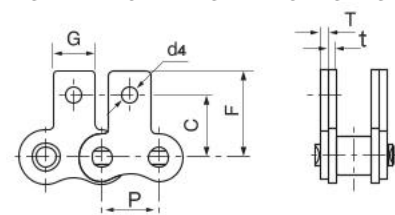
ISO Chain No	ANSI Chain No	Pitch	Width	Centre	Overall Height	Plate Thickness	Hole Dia
		P mm	G mm	C mm	F mm	t/T mm	d4 mm
*06B		9.525	8.00	9.52	13.50	1.30	3.50
08B		12.700	9.50	13.35	18.90	1.60	4.30
10B		15.875	14.30	16.50	22.95	1.70	5.30
12B		19.050	16.00	21.45	28.60	1.85	6.40
16B		25.400	19.10	23.15	34.00	4.15/3.10	6.40
	40	12.700	9.50	12.70	19.05	1.50	3.40
	50	15.875	12.70	15.90	25.25	2.03	5.50
	60	19.050	15.90	18.30	29.33	2.42	5.50
	80	25.400	19.10	24.60	34.70	3.25	6.80
	100	31.750	25.40	31.80	43.30	4.00	9.20
	120	38.100	28.60	36.50	51.60	4.80	9.80
	140	44.450	34.90	44.50	62.00	5.60	11.40
	160	50.800	38.10	50.80	69.85	6.40	13.10

* Straight Side Plates

SA-1 ATTACHMENTS M1 - ONE SIDE



SK-1 ATTACHMENTS M1 - BOTH SIDES





ISO Chain No	ANSI Chain No	Pitch	Platform Length	Hole Centres	Hole Centres	Platform Width	Plate Thickness	Platform Height	Hole Dia
		P mm	G mm	L mm	F mm	W mm	T mm	h4 mm	d4 mm
08B		12.700	24.00	12.700	25.40	36.40	1.60	8.90	4.30
10B		15.875	29.58	15.875	31.80	44.60	1.70	10.31	5.30
12B		19.050	34.05	19.050	38.10	52.40	1.85	13.46	6.40
16B		25.400	46.40	25.400	50.80	72.60	3.10	15.88	6.40
	40	12.700	23.00	12.700	25.40	35.60	1.50	7.90	3.40
	50	15.875	28.80	15.875	31.80	46.80	2.03	10.30	5.50
	60	19.050	34.65	19.050	38.10	56.40	2.42	11.90	5.50
	80	25.400	45.90	25.400	50.80	73.20	3.25	15.90	6.80
	100	31.750	57.65	31.750	63.50	89.80	4.00	19.80	9.20

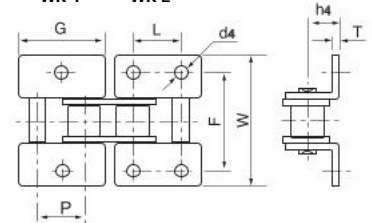
ISO Chain No	ANSI Chain No	Pitch	Platform Width	Hole Centres	Hole Centres	Overall Height	Plate Thickness	Hole Dia
		P mm	G mm	L mm	C mm	F mm	T mm	d4 mm
08B		12.700	23.30	12.700	13.35	18.90	1.60	4.30
10B		15.875	29.58	15.875	16.50	22.95	1.70	5.30
12B		19.050	34.05	19.050	21.45	28.60	1.85	6.40
16B		25.400	46.40	25.400	23.15	34.00	3.10	6.40
	40	12.700	23.00	12.700	12.70	17.40	1.50	3.40
	50	15.875	28.80	15.875	15.90	23.05	2.03	5.50
	60	19.050	34.65	19.050	18.30	26.86	2.42	5.50
	80	25.400	45.90	25.400	24.60	35.45	3.25	6.80
	100	31.750	57.65	31.750	31.80	44.00	4.00	9.20

Chains with Extended Pins

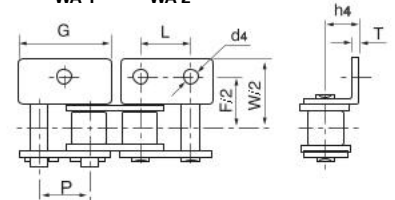
The following extended pins, for British and ANSI chains, conform to Fenner dimensional standards, which are generally the ISO "Standard". Other chain manufacturers have their own "standard" dimensions for extended pins which can vary dimensionally from the Fenner standard. Before ordering any extended pin chains, the critical dimensions of extended length and pin diameter should be checked to ensure that the Fenner standard meets your requirement. Should you require extended pins to other manufacturers "standards" please advise us as we can supply to any dimensional standard. Duplex and Triplex pin lengths can be supplied upon request.

ISO Chain No	ANSI Chain No	Pitch	Width Between Inner Plates	Pin Diameter	Extended Length	Pin Length	
		P mm	b1 mm	d2 mm	L3 mm	L max mm	Lc max mm
08B		12.700	7.75	4.45	9.50	25.10	26.60
10B		15.875	9.65	5.08	11.90	30.10	31.50
12B		19.050	11.68	5.72	14.30	35.40	37.10
16B		25.400	17.02	8.28	19.10	53.00	54.30
	35	9.525	4.77	3.58	9.50	20.80	21.60
	40	12.700	7.85	3.96	9.50	25.10	26.20
	50	15.875	9.40	5.08	11.90	31.30	33.10
	60	19.050	12.57	5.94	14.30	38.60	40.60
	80	25.400	15.75	7.92	19.10	50.30	53.30
	100	31.750	18.90	9.53	23.80	61.80	66.10
	120	38.100	25.22	11.10	28.60	76.40	80.40
	140	44.450	25.22	12.70	33.30	84.80	89.40
	160	50.800	31.55	14.27	38.10	99.60	104.40

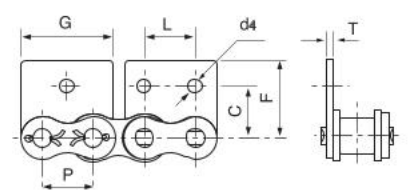
ATTACHMENTS - BOTH SIDES
WK-1 WK-2



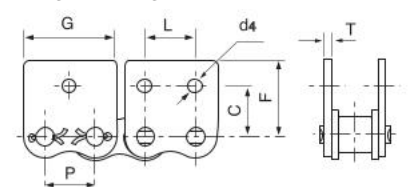
ATTACHMENTS - ONE SIDE
WA-1 WA-2



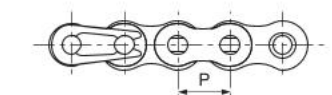
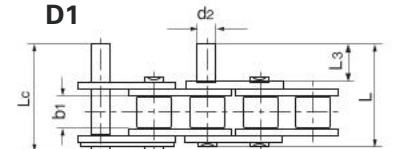
ATTACHMENTS WM - ONE SIDE
WSA-1 WSA-2



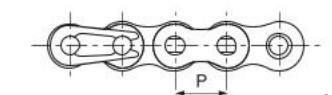
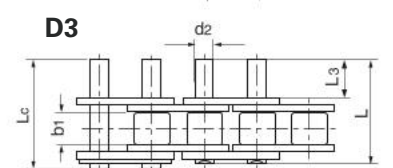
ATTACHMENTS WM - BOTH SIDES
WSK-1 WSK-2



D1



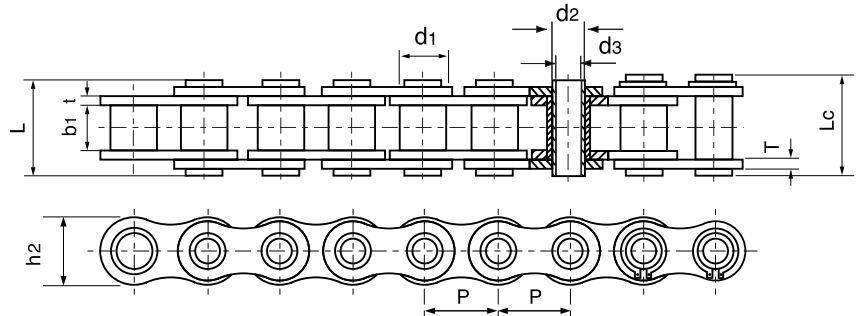
D3



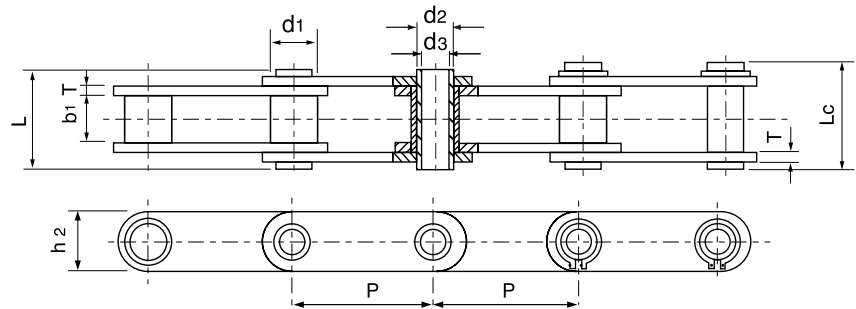


Hollow Pin Chains

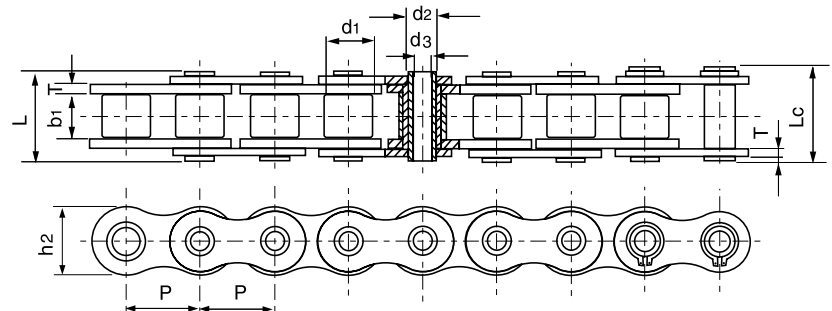
TYPE A - BUSHED



TYPE B - BUSHED

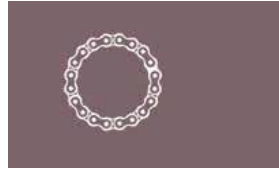


TYPE C - ROLLER

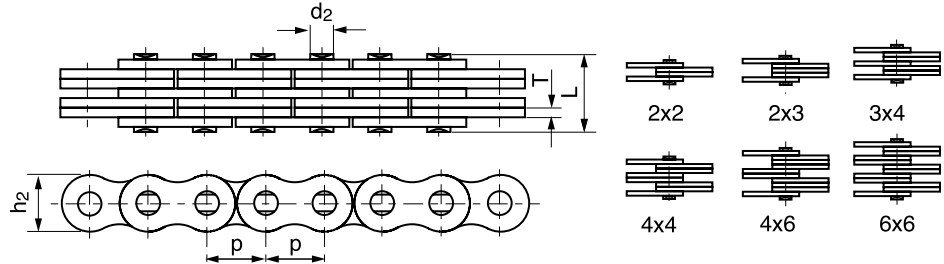


Chain No	Pitch	Bush / Roller Diameter	Width Between Inner Plates	Pin Diameter		Pin Length		Inner Plate Depth	Plate Thickness	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre	Type
	P (mm)	d1 max (mm)	b1 min (mm)	d2 max (mm)	d3 max (mm)	L max (mm)	LC max (mm)	h2 max (mm)	t/T max (mm)	Q min kN	Q0 (kN)	q kg/m	
08BHP	12.700	8.51	7.75	6.55	4.50	16.40	17.60	11.80	1.60/1.30	11.10	12.10	0.56	A
10BHP	15.875	10.16	9.65	5.94	4.04	19.30	20.60	14.70	1.70	17.00	20.80	0.86	C
12BHP	19.050	12.07	11.68	6.50	4.00	21.60	22.80	15.90	1.85	23.60	25.90	1.09	C
40HP	12.700	7.95	7.85	5.63	4.00	16.50	17.60	12.00	1.50	11.00	12.20	0.54	A
50HP	15.875	10.16	9.40	7.03	5.13	20.70	21.90	15.09	2.03	20.00	22.60	0.91	A
60HP/5.01	19.050	11.91	12.70	7.00	5.01	25.50	26.60	18.00	2.42	20.00	22.40	1.35	C
60HP/6.00	19.050	11.91	12.70	8.31	6.00	25.80	26.80	18.00	2.42	24.00	26.90	1.29	A
80HP	25.400	15.88	15.75	11.40	8.05	32.50	33.80	24.00	3.25	50.00	58.30	2.26	A
C2040HP	25.400	7.95	7.85	5.63	4.00	16.50	17.60	12.00	1.50	11.00	12.60	0.46	B
C2050HP	31.750	10.16	9.40	7.22	5.12	20.50	21.80	15.00	2.03	20.40	22.80	0.76	B
C2060HP	38.100	11.91	12.70	8.31	6.00	25.80	26.80	18.00	2.42	24.00	27.10	1.02	B
C2080HP	50.800	15.88	15.75	11.40	8.05	32.50	33.80	24.00	3.25	50.00	55.20	1.81	B

Chain is sold in units of feet or metres, depending on geographical market



BL Series Leaf Chain



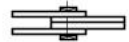
ANSI Chain No	ISO Chain No	Pitch	Chain Lacing	Plate Depth	Plate Thickness	Pin Diameter	Pin Length	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
		P (mm)		h2 max (mm)	t/T max (mm)	d2 max (mm)	L max (mm)	Q min (kN)	Q0 (kN)	q kg/m
BL422	LH0822	12.700 1/2"	2x2	12.07	2.08	5.09	11.05	22.20	27.60	0.64
BL423	LH0823		2x3				13.16	22.20	27.60	0.80
BL434	LH0834		3x4				17.40	33.40	41.40	1.12
BL444	LH0844		4x4				19.51	44.50	56.00	1.28
BL446	LH0846		4x6				23.75	44.50	56.00	1.60
BL466	LH0866		6x6				27.99	66.70	81.70	1.92
BL522	LH1022	15.875 5/8"	2x2	15.09	2.44	5.96	12.90	33.40	43.10	0.88
BL523	LH1023		2x3				15.37	33.40	43.10	1.10
BL534	LH1034		3x4				20.32	48.90	65.60	1.50
BL544	LH1044		4x4				22.78	66.70	84.50	1.80
BL546	LH1046		4x6				27.74	66.70	84.50	2.20
BL566	LH1066		6x6				32.69	100.10	125.10	2.65
BL622	LH1222	19.050 3/4"	2x2	18.11	3.30	7.94	17.37	48.90	63.60	1.45
BL623	LH1223		2x3				20.73	48.90	63.60	1.80
BL634	LH1234		3x4				27.43	75.60	102.80	2.50
BL644	LH1244		4x4				30.78	97.90	120.90	2.90
BL646	LH1246		4x6				37.49	97.90	120.90	3.60
BL666	LH1266		6x6				44.20	146.80	190.80	4.30
BL822	LH1622	25.400 1"	2x2	24.13	4.09	9.54	21.34	84.50	108.20	2.20
BL823	LH1623		2x3				25.48	84.50	108.20	2.70
BL834	LH1634		3x4				33.76	129.00	170.00	3.80
BL844	LH1644		4x4				37.90	169.00	214.60	4.30
BL846	LH1646		4x6				46.18	169.00	214.60	5.40
BL866	LH1666		6x6				54.46	253.60	324.50	6.50
BL1022	LH2022	31.750 1.1/4"	2x2	30.18	4.90	11.11	25.37	115.60	150.80	3.40
BL1023	LH2023		2x3				30.33	115.60	150.80	4.30
BL1034	LH2034		3x4				40.23	182.40	231.60	6.00
BL1044	LH2044		4x4				45.19	231.30	291.40	6.90
BL1046	LH2046		4x6				55.09	231.30	291.40	8.60
BL1066	LH2066		6x6				65.00	347.00	430.30	10.30
BL1222	LH2422	38.100 1.1/2"	2x2	36.20	5.77	12.71	29.62	151.20	192.00	4.60
BL1223	LH2423		2x3				35.43	151.20	192.00	5.80
BL1234	LH2434		3x4				47.07	244.60	315.90	8.10
BL1244	LH2444		4x4				52.88	302.50	381.10	9.30
BL1246	LH2446		4x6				64.52	302.50	381.10	11.60
BL1266	LH2466		6x6				76.15	453.70	543.60	13.90
BL1422	LH2822	44.450 1.3/4"	2x2	42.24	6.55	14.29	33.55	191.30	225.70	6.10
BL1423	LH2823		2x3				40.16	191.30	225.70	7.60
BL1434	LH2834		3x4				53.37	315.80	372.60	10.60
BL1444	LH2844		4x4				59.97	382.60	451.20	12.20
BL1446	LH2846		4x6				73.18	382.60	451.20	15.20
BL1466	LH2866		6x6				86.39	578.30	682.40	18.20
BL1622	LH3222	50.800 2"	2x2	48.26	7.52	17.46	39.01	289.10	341.10	8.00
BL1623	LH3223		2x3				46.58	289.10	341.10	10.00
BL1634	LH3234		3x4				61.72	440.40	519.60	14.00
BL1644	LH3244		4x4				69.29	578.30	680.40	16.00
BL1646	LH3246		4x6				84.43	578.30	680.40	20.00
BL1666	LH3266		6x6				99.57	857.40	1000.70	24.00



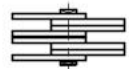
LL Series Leaf Chain

ISO Chain No	Pitch	Chain Lacing	Plate Depth	Plate Thickness	Pin Diameter	Pin Length	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
	P (mm)								
LL0822	12.700	2x2	10.60	1.30	4.45	7.60	17.80	20.40	0.35
LL0844	1/2"	4x4				13.00	31.10	35.70	0.69
LL0866		6x6				18.20	44.50	50.90	1.00
LL1022	15.875	2x2	13.70	1.60	5.08	9.20	22.30	25.50	0.54
LL1044	5/8"	4x4				15.80	44.50	51.00	1.06
LL1066		6x6				22.10	66.70	76.30	1.57
LL1088		8x8	16.00	1.85	5.72	28.80	89.00	101.90	2.10
LL1222	19.050	2x2				10.40	28.90	33.20	0.73
LL1244	3/4"	4x4				17.90	57.80	66.40	1.44
LL1266		6x6	21.0	3.10	8.28	25.40	86.70	99.70	2.15
LL1288		8x8				32.90	115.60	132.90	2.84
LL1622	25.400	2X2				17.20	58.00	66.70	1.52
LL1644	1"	4X4	26.40	3.70	10.19	29.60	144.00	164.60	2.90
LL1666		6X6				42.40	200.00	230.00	4.30
LL1688		8X8				55.40	288.00	331.20	5.71
LL2022	31.750	2X2	33.40	5.00	14.63	20.10	95.00	109.20	2.33
LL2044	1.1/4"	4X4				33.80	190.00	218.50	4.40
LL2066		6X6				50.10	285.00	324.60	6.79
LL2088		8X8	37.08	6.00	15.90	65.40	380.00	435.10	8.75
LL2422	38.100	2X2				28.40	170.00	195.50	4.47
LL2444	1.1/2"	4X4				46.30	340.00	380.80	8.22
LL2466		6X6	42.00	6.00	17.81	66.40	510.00	571.20	12.22
LL2488		8X8				86.60	680.00	775.20	16.30
LL2822	44.450	2X2				32.20	200.00	224.00	5.10
LL2844	1.3/4"	4X4	52.76	8.25	22.89	56.40	400.00	448.00	9.90
LL2866		6X6				80.60	600.00	672.00	14.60
LL2888		8X8				105.20	800.00	896.00	19.40
LL3222	50.800	2X2	63.88	10.30	29.24	33.20	260.00	291.20	5.80
LL3244	2"	4X4				57.40	520.00	582.40	11.40
LL3266		6X6				81.60	780.00	873.60	16.90
LL3288		8X8	76.200	13.30	33.81	105.00	1050.00	1176.00	24.00
LL4022	63.500	2X2				44.70	360.00	403.20	10.30
LL4044	2.1/2"	4X4				77.90	780.00	873.60	20.00
LL4066		6X6	84.450	12.70	31.75	111.10	1080.00	1209.60	29.50
LL4088		8X8				145.50	1560.00	1747.20	39.10
LL4822	76.200	2X2				56.10	560.00	627.20	18.50
LL4844	3"	4X4	103.00	16.50	38.10	97.40	1120.00	1554.40	35.70
LL4866		6X6				138.90	1168.00	1308.10	53.00
LL4888		8X8				182.40	2240.00	2508.80	70.40

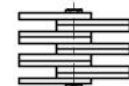
Chain Lacing



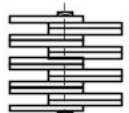
2x2



4x4



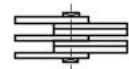
6x6



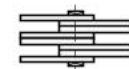
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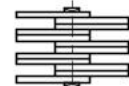
2x2



3x4



4x4



6x6

AL Series Leaf Chain

ANSI Chain No	Pitch	Chain Lacing	Plate Depth	Plate Thickness	Pin Diameter	Pin Length	Minimum Tensile Strength	Average Tensile Strength	Weight per Metre
	P (mm)								
AL322	9.525 3/8"	2X2	7.70	1.30	3.58	6.80	9.00	10.20	0.23
AL422	12.700	2X2	10.40	1.50	3.96	7.90	14.10	16.90	0.39
AL444	1/2"	4X4				14.40	28.20	35.20	0.74
AL466		6X6				20.50	42.30	52.70	1.10
AL522	15.875	2X2	12.80	2.03	5.08	10.30	22.00	27.50	0.61
AL534	5/8"	3X4				17.00	33.00	46.00	1.10
AL544		4X4				18.90	44.00	55.00	1.19
AL566		6X6	15.60	2.42	5.94	26.90	66.00	82.50	1.79
AL622	19.050	2X2				12.40	37.00	44.40	0.86
AL644	3/4"	4X4				22.70	64.00	78.80	1.69
AL666		6X6	20.50	3.25	7.92	32.40	101.00	118.60	2.52
AL822	25.400	2X2				16.00	56.70	68.60	1.54
AL844	1"	4X4				29.40	113.40	136.60	3.00
AL866		6X6	25.60	4.00	9.53	42.50	170.00	202.30	4.46
AL1022	31.750	2X2				19.60	88.50	107.10	2.37
AL1044	1.1/4"	4X4				35.90	177.00	203.60	4.68
AL1066		6X6	30.50	4.80	11.10	52.30	265.00	315.30	7.00
AL1222	38.100	2X2				24.30	127.00	151.10	3.65
AL1244	1.1/2"	4X4				43.80	254.00	299.70	7.05
AL1266		6X6	36.40	5.60	12.64	63.00	381.00	426.30	10.44
AL1444	44.450	4X4				51.30	372.70	413.60	10.34
AL1466	1.3/4"	6X6				74.56	559.00	620.40	15.16
AL1644	50.800	4X4	41.60	6.40	14.21	58.06	471.00	522.80	12.98
AL1666	2"	6X6				84.46	706.00	783.60	19.41



Fenner® Sprockets and Platewheels

Fenner® sprockets are available with either Taper Lock® fixing or pilot bored and are precision manufactured from medium carbon steel (c45) or fine grade cast iron (GG25).

Sprockets are available in simplex, duplex and triplex forms for sizes 05B to 20B.



Benefits

- > Fully machined 0.45% carbon steel (C45) or high grade, close grain grey iron (GG25) is used
- > Strict manufacturing tolerances match sprocket profiles to ISO R606 chain standards for a smooth rolling action which significantly reduces sprocket tooth wear
- > Boring and keywaying service available
- > Taper Lock® mounting for quick and simple installation
- > Taper Lock® and pilot bored sizes available from stock
- > All Fenner® sprockets are manufactured to exacting specifications

Construction

C45 medium carbon steel or high grade cast iron (GG25)



Taper Lock®

Easy-on, Easy-off.

Fenner pioneered product since 1960's



Machined to exacting tolerances in cast iron and steel, the Fenner® Taper Lock® four hole bush has been tried and tested in over 50 million applications. It is the most successful shaft fixing in the market place today with a full range of both metric and imperial sizes as well as a full range of weld-on hubs, bolt-on hubs and hub adaptors.

- > Equivalent to a shrink-on fit on uniform load applications and thus eliminating the cost of a key
- > No costly re-boring: full range of both metric and imperial available
- > Special 4-hole feature for balanced assemblies
- > High grade, close grain iron material

Sections and Size Range

Code	1008	1108	1210	1610	1615	2012	2517	3020	3030
Bore Dia (mm)	9 - 25	9 - 28	11 - 32	14 - 42	14 - 42	14 - 50	16 - 60	25 - 75	35 - 75
Code	3525	3535	4030	4040	4535	4545	5040	5050	
Bore Dia (mm)	35 - 100	35 - 90	40 - 115	40 - 100	55 - 125	55 - 110	70 - 125	70 - 125	



Fenner® Tensioners

Tensioner Type Standard (STB-FT) Front Mounted (FM-TB-FT), Boomerang (STBB-Ft)

The Fenner Chain Tensioners are simple to use tool that helps to achieve optimum drive performance, maintain correct chain drive tension and reduce vibration frequency of the chain drive.

Benefits

- > Increase chain life
- > Noise and vibration damping
- > Absorbs shock loads
- > Safe in operation
- > Maintenance free and self-adjusting
- > Progressive spring characteristics
- > Operating angle -30° to +30°
- > Ambient operating resistant to temperature -40°C to +80°C



Range

- Tensioner Type Standard
 - * STB-FT2 to STB-FTSS FT2 to FT6
- Front Mounted
 - * FM-TB-FT3 to FT8
- Boomerang
 - * STBB-FT FT4 to FT6

Other Accessories

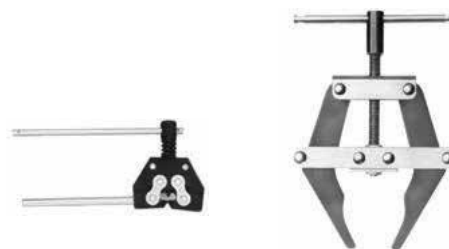
Other range of accessories that are available to support the range of Fenner Chain drives include:

Chain Pullers

For drawing ends of a chain length together, to allow insertion of connecting links. Quick and easy installation

Pin Extractors

Easy-to-use tool to split chain to the required length. Can be used with almost any size and make of roller chain





FenLock Cone Clamping Elements

FenLock Cone Clamping Elements Extreme Duty, High Torque Solution

FenLock cone-clamping elements provide a wide range of keyless shaft/hub fixing assemblies offering simple installation, increased shaft strength and high torque transmission capacity.

Benefits

- > Wide range of standard designs, solutions for all applications
- > Eliminates the cost and complexity of keyways.
- > Also allow the use of smaller shafts, as keyway does not weaken the shaft
- > Extensive bore range from 20mm up to 900mm
- > Allows for axial and angular adjustment of mounted components
- > Excels at transmitting high torques
- > Good resistance to alternating torques
- > Simple installation and disassembly
- > Eliminates fretting corrosion
- > Easy selection based on torque and shaft diameter
- > Includes shrink disks



Size Reference

Bore size in mm

FLK200	20mm to 900mm
FLK132 + FLK133	20mm to 200mm
FLK130 + FLK131	20mm to 180mm
FLK300	6mm to 540mm
FLK250	14mm to 60mm
FLK110	6mm to 130mm
FLK603	14mm to 105mm

Construction

Simple installation and disassembly

Keyless bore

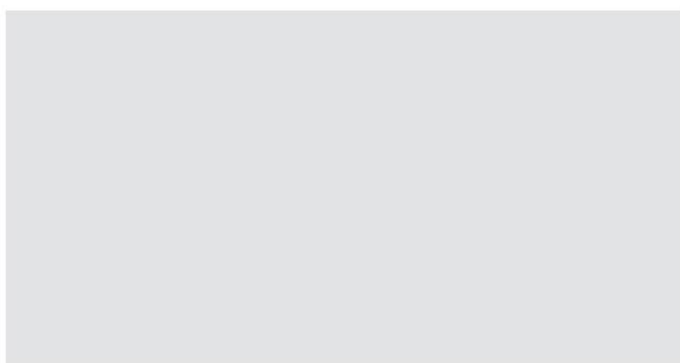
Axial and angular adjustment capability



Our Presence in Asia Pacific



Fenner® products conform to international standards, as such, we can advise that all Fenner® products comply with appropriate national and international standards in terms of design, performance and safety / environmental requirements. Where appropriate international standards (ISO) exist, these take priority over national standards. In respect of some operational safety and environmental requirements, some European standards (EN) are considered definitive worldwide.



Fenner is a registered trademark of J.H. Fenner & Co. Limited

Fenner®

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