Finer Power Transmissions™

“Australia’s Only Genuine Wholesaler”

Australian Head Office
120 Williams Rd
Dandenong 3175
Victoria, Australia
Tel: 03 9791 2444
Fax: 03 9791 3344
Email: sales@finerpt.com

N.S.W. Office/Warehouse
32/15 Valediction Rd
Kings Park 2148
New South Wales, Australia
Tel: 02 9671 6600
Fax: 02 9676 8200
Email: finernsw@unwired.com.au

www.finerpt.com

“Why Compete Against Your Supplier When You Can Be Our Partner”

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Section 1Chain

“Australia’s Only Genuine Wholesaler”

Kaga Industries Japan

Kaga Industries Japan, makers of KCM Chain are joint venture partners of Finer Power Transmissions P/L.

Established in 1956, KCM has concentrated exclusively on the manufacture of roller chain. KCM products are manufactured in production facilities using stringent quality control procedures that have earned KCM a world renowned reputation.

KCM Chain employs state of the art manufacturing and quality assurance technology; KCM is exclusively dedicated to the production of the Finest Quality Roller Chains and Conveyor Chains available.

This Dedication to Quality helps to insure the reliability of the products which KCM's Customers demand.

To meet the Challenges of the mechatronics age, K.C.M. Consistently provides a wide range of high quality precision chain products.

KCM Chain and manufacturing processes have been certified though an internationally recognised Quality Assurance System, KCM is ISO 9001 compliant.

KCM strives to maintain its world recognised quality assurance system for stable supply of quality products. To this end KCM undertakes all of its manufacturing within Japan.

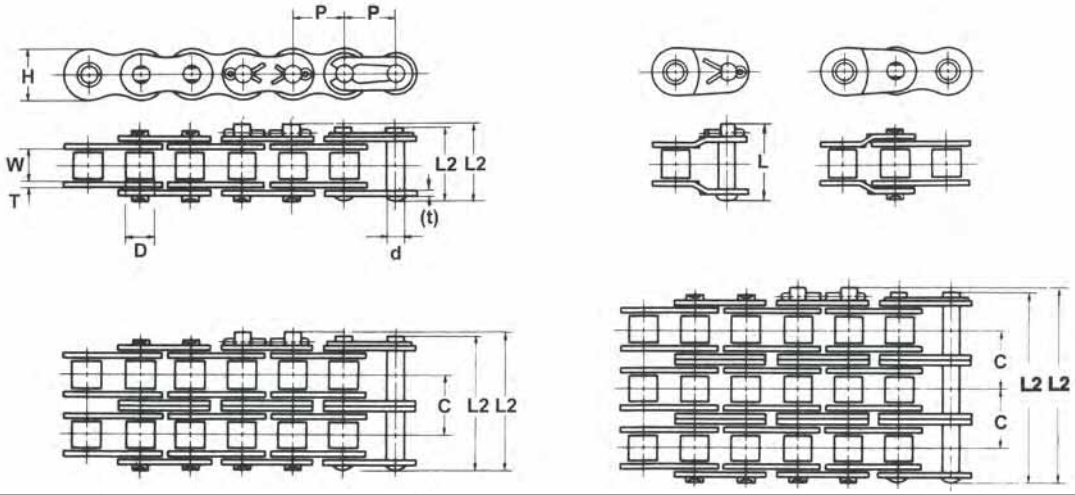
Finer Power Transmissions carries in its range of KCM chains:

Roller Chains	Power Transmission	Stainless Steel	Self Lubricating	Printing Industry
Conveyor Chains	Farm Machinery	Nickel Plated	Motor Cycle	Forklift

British Standard Chain

KCM British Standard Roller Chain conforms to the stringent ISO606-B standards.

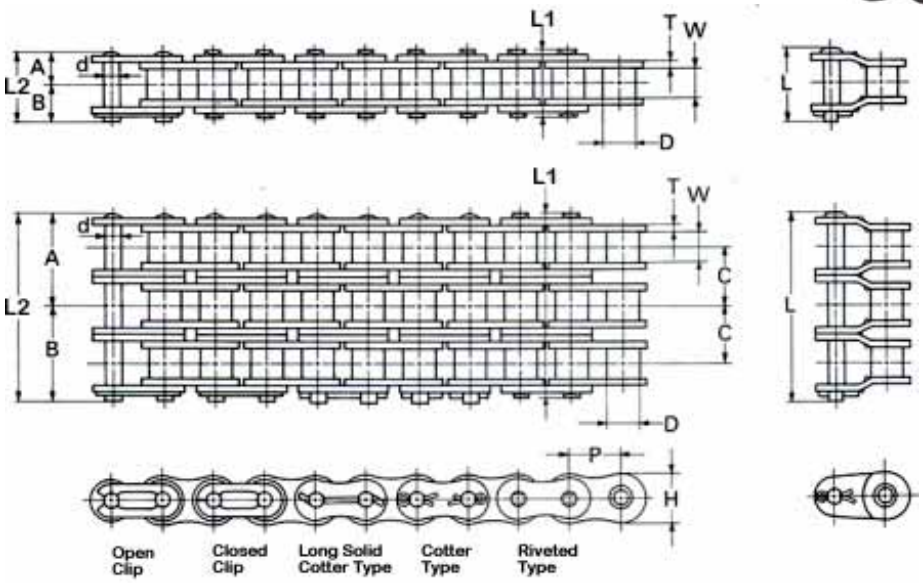
KCM BS chain is constructed with solid rollers to increase chains resistance to wear and improves the chains longevity.



Size	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin			Link Plate		Trans. Pit.	ISO606 min tensile strength kgf (kN)	KCM tensile strength kgf (kN)	Approx Kg/ft	Links Of 1 Unit
				Dia. (d)	L2	Offset (L)	Thickness (T)	Height (H)					
03B-1	5.00	2.5	3.2	1.49	7.65		0.75	4.0			270(2.6)	0.03	1000
04B-1	6.00	2.8	4.00	1.85	7.35		0.6	4.9			330(3.2)	0.04	834
05B-1	8	3.0	5	2.31	8.6		0.75	7.1	5.64	460(4.5)	500(4.9)	0.05	626
05B-2	8	3	5	2.31	14.25		0.75	7.1	5.64	800(7.8)	870(8.5)	0.09	626
06B-1	9.525	5.72	6.35	3.28	13.6	15.15	1.3(1.0)	8.1	10.24	910(8.9)	1,000(9.8)	0.12	320
06B-2	9.525	5.72	6.35	3.28	23.85	25.4	1.3(1.0)	8.1	10.24	1,730(17.0)	1,900(18.6	0.23	320
06B-3	9.525	5.72	6.35	3.28	34.09	35.65	1.3(1.0)	8.1	10.24	2,540(24.9)	2,790(27.4)	0.34	320
08B-1	12.70	7.75	8.51	4.45	17.75	19.20	1.5	11.7	13.92	1,820(17.8)	1,850(18.1)	0.2	240
08B-2	12.70	7.75	8.51	4.45	31.65	33.10	1.5	11.7	13.92	3,180(31.2)	3,250(31.9)	0.38	240
08B-3	12.70	7.75	8.51	4.45	45.55	47.00	1.5	11.7	13.92	4,540(44.5)	4,600(45.1)	0.56	240
10B-1	15.875	9.65	10.16	5.08	20.60	21.95	1.65	14.6	16.59	2,270(22.3)	2,500(24.5)	0.28	192
10B-2	15.875	9.65	10.16	5.08	37.20	38.55	1.65	14.6	16.59	4,540(44.5)	5,000(49.0)	0.55	192
10B-3	15.875	9.65	10.16	5.08	53.80	55.15	1.65	14.6	16.59	6,810(66.8)	7,500(73.5)	0.83	192
12B-1	19.05	11.68	12.07	5.72	23.60	26.30	1.8	16.0	19.46	2,950(28.9)	3,250(31.9)	0.38	160
12B-2	19.05	11.68	12.07	5.72	43.05	45.75	1.8	16.0	19.46	5,900(57.9)	6,500(63.7)	0.74	160
12B-3	19.05	11.68	12.07	5.72	62.50	65.2	1.8	16.0	19.46	8,850(86.8)	9,750(95.6)	1.11	160
16B-1	25.40	17.02	15.88	8.28	38.10	41.45	4.0(3.2)	19.7	31.88	4,310(42.3)	6,500(63.7)	0.8	120
16B-2	25.40	17.02	15.88	8.28	70.00	73.35	4.0(3.2)	19.7	31.88	8,620(84.5)	12,350(121.1)	1.58	120
16B-3	25.40	17.02	15.88	8.28	101.90	105.25	4.0(3.2)	19.7	31.88	12,930(126.8)	18,200(178.5)	2.36	120
20B-1	31.75	19.05	19.05	10.19	43.95	47.25	4.5(3.5)	26.0	36.45	6,580(64.5)	10,500(103.0)	1.16	96
20B-2	31.75	19.05	19.05	10.19	80.40	83.70	4.5(3.5)	26.0	36.45	13,160(129.1)	19,900(195.1)	2.29	96
20B-3	31.75	19.05	19.05	10.19	116.85	120.15	4.5(3.5)	26.0	36.45	19,740(193.6)	29,300(278.3)	3.43	96
24B-1	38.10	25.40	25.40	14.63	58.70	64.20	6.0(5.0)	33.0	48.36	9,980(97.9)	18,700(183.4)	2.03	80
24B-2	38.10	25.40	25.40	14.63	107.05	112.55	6.0(5.0)	33.0	48.36	19,960(195.7)	35,650(349.6)	4.00	80
24B-3	38.10	25.40	25.40	14.63	155.40	160.90	6.0(5.0)	33.0	48.36	29,940(293.6)	52,600(515.8)	5.97	40
28B-1													
28B-2													
32B-1													
32B-2													
32B-3													

ASA Chain

KCM American Standard Roller Chain conforms to the stringent JIS and ANSI standards.
KCM ASA chain is constructed with solid rollers to increase chains resistance to wear and improves the chains longevity.



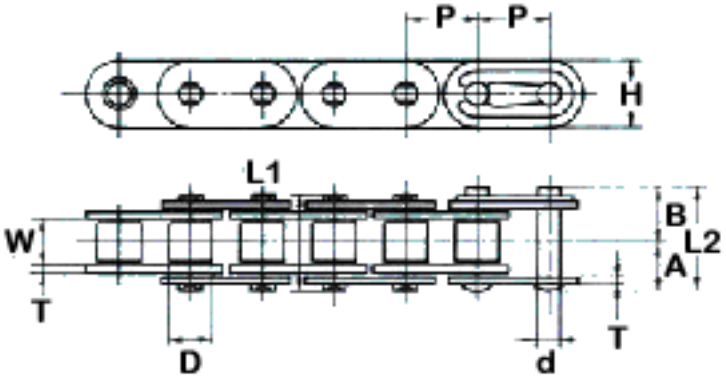
Open Clip | Closed Clip | Long Solid Cotter Type | Cotter Type | Riveted Type

Size	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Link Plate		Trans Pitc (C)	JIS&ANSI Tensile Strength Kgf (kN)	Average Tensile Strength Kgf (kN)	Max Allowable Load Kgf (kN)	App Kg/ ft	Links Of 1 Unit
				Dia. (d)	A	B	A+A L1	A+B L2	Offset (L)	(T)	(H)						
25-1	6.35	3.18	3.30	2.31	3.8	4.8	7.6	8.6		0.75	5.8		357(3.5)	450(4.4)	65(0.64)	0.04	480
25-2	6.35	3.18	3.30	2.31	7.0	8.0	14.00	15.00		0.75	5.8		714(7.0)	900(8.8)	110(1.08)	0.08	480
35-1	9.525	4.78	5.08	3.59	5.70	7.10	11.40	12.8	13.65	1.25	8.8	10.1	806(7.9)	1,100(10.8)	220(2.16)	0.1	320
35-2	9.525	4.78	5.08	3.59	10.75	12.15	21.50	22.90	23.75	1.25	8.8	10.1	1612(15.8)	2,200(21.6)	370(3.63)	0.20	320
35-3	9.525	4.78	5.08	3.59	15.8	17.2	31.6	33.0	33.85	1.25	8.8	10.1	2,418(23.7)	3,300(32.4)	550(5.39)	.29	320
40-1	12.7	7.95	7.95	3.97	8.02	9.53	16.05	17.55	18.95	1.5	11.7	14.4	1,407(13.8)	1,850(18.1)	370(3.63)	0.18	240
40-2	12.7	7.95	7.95	3.97	15.22	16.73	30.45	31.95	33.35	1.5	11.7	14.4	2,814(27.6)	3,700(36.3	630(6.17)	0.37	240
40-3	12.7	7.95	7.95	3.97	22.42	23.93	44.85	46.35	47.75	1.5	11.7	14.4	4,221(41.4)	5,550(54.4)	930(9.11)	0.56	240
41-1	12.70	6.38	7.77	3.59	6.52	7.93	13.05	14.45	14.95	1.25	9.5		683(6.7)	1,200(11.8)	230(2.26)	0.12	240
415	12.70	4.76	7.75	3.64													
50-1	15.875	9.53	10.16	5.09	10.15	11.60	20.30	21.75	23.00	2.0	14.6		2,223(21.8)	3,050(29.9)	650(6.37)	0.31	192
50-2	15.875	9.53	10.16	5.09	19.20	20.65	38.40	39.85	41.10	2.0	14.6	18.1	4,446(43.6)	6,100(59.8)	1,100(10.79)	.61	192
50-3	15.875	9.53	10.16	5.09	28.25	29.70	56.5	57.95	59.20	2.0	14.6	18.1	6,669(65.4)	9,150(89.7)	1,620(15.89)	0.91	192
60-1	19.05	12.70	11.91	5.96	12.65	14.15	25.30	26.80	29.45	2.4	17.5		3,172(31.1)	4,200(41.2)	900(8.83)	.45	160
60-2	19.05	12.70	11.91	5.96	24.05	25.55	48.10	49.60	52.25	2.4	17.5	22.8	6,344(62.2)	8,400(82.4)	1,530(15.00)	.90	160
60-3	19.05	12.70	11.91	5.96	35.45	36.95	70.90	72.40	75.05	2.4	17.5	22.8	9,516(93.3)	12,600(123.5)	2,250(22.06)	1.34	160
80-1	25.40	15.88	15.88	7.94	16.07	19.18	32.15	35.25	36.90	3.2	23.0		5,670(55.6)	7,400(72.6)	1,500(14.71)	.76	120
80-2	25.40	15.88	15.88	7.94	30.72	33.83	61.45	64.55	66.20	3.2	23.0	29.3	11,340(111.2)	14,800(145.0)	2,550(25.01)	1.51	120
80-3	25.40	15.88	15.88	7.94	45.37	48.48	90.75	93.85	95.50	3.2	23.0	29.3	17,010(166.8)	22,200(217.7)	3,750(36.77)	2.26	120
100-1	31.75	19.05	19.05	9.54	20.10	23.05	40.20	43.15	45.05	4.0	28.9		8,841(86.7)	11,500(112.8)	2,300(22.56)	1.17	96
100-2	31.75	19.05	19.05	9.54	38.00	40.95	76.00	78.95	80.85	4.0	28.9	35.8	17,682(173.4)	23,000(225.6)	3,900(38.25)	2.32	96
100-3	31.75	19.05	19.05	9.54	55.90	58.85	111.80	114.75	116.50	4.0	28.9	35.8	26,523(260.1)	34,500(338.3)	5,750(56.39)	3.47	96
120-1	38.10	25.40	22.23	11.11	25.20	28.60	50.40	53.80	55.90	4.8	35.0		12,706(124.6)	16,000(156.9)	3,100(30.40)	1.73	80
120-2	38.10	25.40	22.23	11.11	47.90	51.30	95.80	99.20	100.70	4.8	35.0	45.4	25,412(249.2)	32,000(313.8)	5,250(51.48)	3.42	80
120-3	38.10	25.40	22.23	11.11	70.60	74.00	141.20	144.60	146.10	4.8	35.0	45.4	38,118(373.8)	48,000(470.7)	7,750(76.00)	5.1	40
140-1	44.45	25.40	25.40	12.71	27.30	31.30	54.60	58.60	60.50	5.6	40.7		17,233(169.0)	21,500(210.8)	4,100(40.21)	2.19	68
140-2	44.45	25.40	25.40	12.71	51.75	55.75	103.50	107.50	108.95	5.6	40.7	48.9	34,466(338.0)	43,000(421.7)	6,970(68.31)	4.34	34
160-1	50.80	31.75	28.58	14.29	32.45	37.15	64.90	69.60	71.85	6.4	46.7		22,678(222.4)	27,500(269.7)	5,400(52.96)	2.94	60
160-2	50.80	31.75	28.58	14.29	61.70	66.40	123.40	128.10	130.35	6.4	46.7	58.5	45,356(444.8)	55,000(539.4)	9,150(89.73)	5.81	30
160-3	50.80	31.75	28.58	14.29	90.95	95.65	181.90	186.60	188.85	6.4	46.7	58.5	68,034(667.2)	82,500(809.0)	13,500(132.39)	8.69	30
200-1	63.50	38.10	39.68	19.86	39.65	46.65	79.30	86.30	89.20	8.0	58.4		35,384(347.0)	48,000(470.7)	7,300(71.59)	4.87	48

F Series Straight Side Plate

KCM F Series roller chain is just like standard roller chain, except for the straight side plates.

This chain is suitable for both general power transmission and conveying purposes.



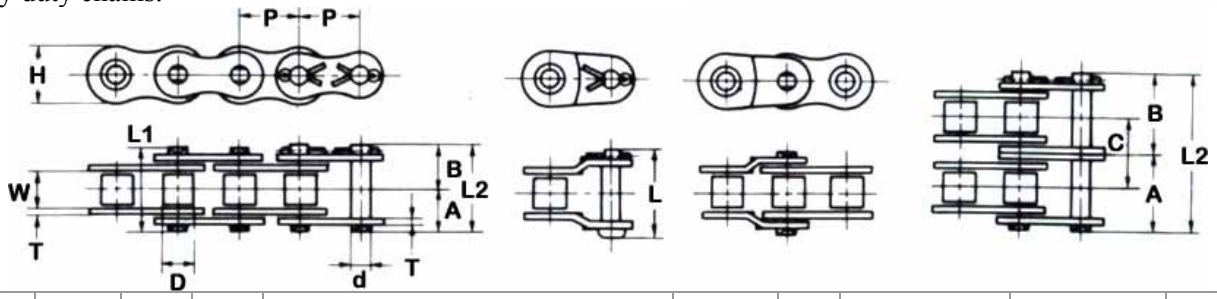
Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin					Link Plate		Average Tensile Strength Kgf (kN)	Max Allowable Load Kgf (kN)	App Kg/ft
				Dia. (d)	A	B	A+A L1	A+B L2	Thickness (T)	Height(H)			
50F-1	15.875	9.53	10.16	5.09	10.15	11.6	20.3	21.75	2	14.6	3,050(29.9)	650(6.37)	0.37
60F-1	19.05	12.7	11.91	5.96	12.65	14.15	25.3	26.8	2.4	17.5	4,200(40.7)	900(8.83)	1.78
80F-1	25.4	15.88	15.88	7.94	16.07	19.18	32.15	35.25	3.2	23	7,400(72.6)	1,500(14.71)	0.91

"Why Compete Against Your Supplier When You Can Be Our Partner"

H-Series

KCM H Series roller chain is designed for heavy duty operation.

KCM H Series is superior to other heavy duty chains on the market, because not only does KCM employ thickened side plates but also uses high strength pins as standard on its heavy duty chains.



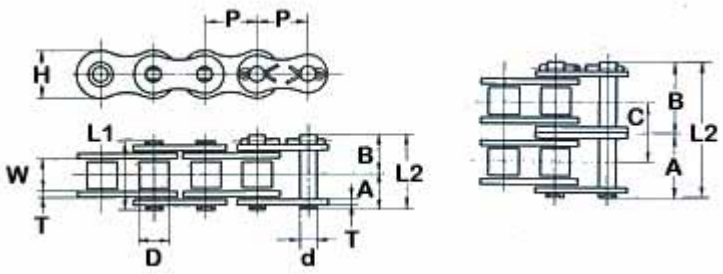
Size	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Link Plate		Trans Pitc (C)	Average Strength Kgf (kN)	Max Allowable Load Kgf (kN)	App Kg/ft	Links of 1 Unit
				Dia. (d)	A	B	A+A L1	A+B L2	Offset (L)	(T)	(H)					
40H-1	12.7	7.95	7.95	3.97	9.05	10.55	18.1	19.6	21	2	11.7	16.4	2,400(23.5)	400(3.92)	0.22	240
50H-1	15.875	9.53	10.16	5.09	10.98	12.42	21.95	23.4	24.65	2.4	14.6		3,700(36.2)	670(6.57)	0.44	192
60H-1	19.05	12.7	11.91	5.96	14.25	15.75	28.5	30	32.65	3.2	17.5		5,100(50.0)	980(9.60)	0.54	160
60H-2	19.05	12.7	11.91	5.96	27.3	28.8	54.6	56.1	58.8	3.2	17.5	26.1	10,200(100.0)	1,660(16.27)	1.09	160
80H-1	25.4	15.88	15.88	7.94	17.7	20.8	35.4	38.5	40.15	4	23		9,100(89.2)	1,650(16.18)	0.9	120
100H-1	31.75	19.05	19.05	9.54	21.71	24.68	43.45	46.4	48.3	4.8	28.9		13,100(128.5)	2,500(24.50)	1.27	96
120H-1	38.1	25.4	22.23	11.11	26.85	30.25	53.7	57.1	59.2	5.6	35		17,900(175.5)	3,350(31.84)	1.91	80
140H-1	44.45	25.4	25.4	12.71	28.95	32.95	57.9	61.9	63.8	6.4	40.7		23,400(229.5)	4,400(43.13)	2.4	68

HE-Series

KCM HE Series is designed for "extra" heavy duty circumstances.

Designed for power transmission with significant load variations, this chain offers the ultimate in shock resistance for roller chains.

KCM HE Series chain incorporates next generation steel technology in its pins, giving greater performance advantages then straight roller chain and H Series.

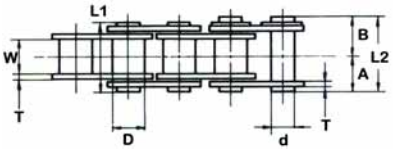


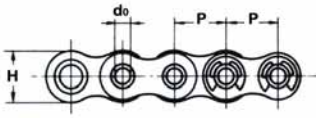
Size	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin					Link Plate		Average Strength Kgf (kN)	Max Allowable Load Kgf (kN)	App Kg/ft	Links of 1 Unit
				Dia. (d)	A	B	A+A L1	A+B L2	(T)	(H)				
50HE-1	15.875	9.53	10.16	5.09	10.98	12.42	21.95	23.4	2.4	14.6	3,700(36.3)	680(6.67)	0.44	192
60HE-1	19.05	12.7	11.91	5.96	14.25	15.75	28.5	30	3.2	17.5	5,700(55.9)	1,000(9.81)	0.54	160
80HE-1	25.4	15.88	15.88	7.94	17.7	20.8	35.4	38.5	4	23	9,500(93.2)	1,700(16.67)	0.9	120
100HE-1	31.75	19.05	19.05	9.54	21.71	24.68	43.45	46.4	4.8	28.9	14,600(143.2)	2,650(25.99)	1.27	96
120HE-1	38.1	25.4	22.23	11.11	26.85	30.25	53.7	57.1	5.6	35	19,500(191.2)	3,400(33.34)	1.91	80

Hollow Pin Chain

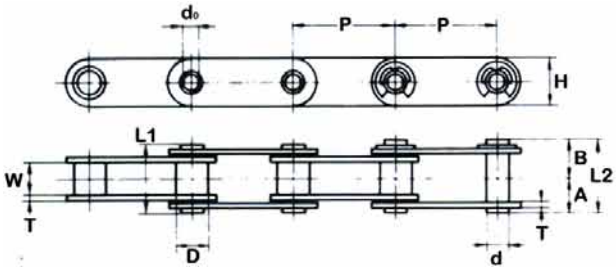
KCM Hollow Pin (HP) chain is designed so attachments can be easily affixed.

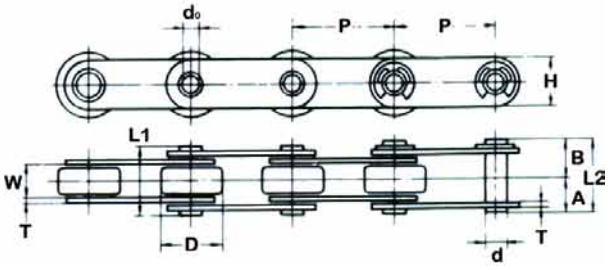
Finer Power Transmissions carries a range of HP chain in standard ASA and Double Pitch.





Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		Avg. Tensile Strength kgf(kN)	Max. Allowable Load kgf(kN)	App. Kg/ft	Links Of 1 Unit
				Dia. (d)	d_o	A	B	(A+A) L1	(A+B) L2	Thickness (T)	Height (H)				
40-1HP	12.7	7.95	7.95	5.68	4	8.1	9.4	16.2	17.5	1.5	11.7	1,350(13.2)	180(1.77)	0.15	240
50-1HP	15.875	9.53	10.16	7.24	5.12	10.3	11.7	20.6	22	2	14.6	2,100(20.6)	320(3.14)	0.25	192
60-1HP	19.05	12.7	11.91	7.24	5.99	12.9	14.3	25.8	27.2	2.4	17.5	3,200(31.4)	430(4.22)	0.38	160
80-1HP	25.4	15.88	15.88	11.24	8.02	16.3	17.8	32.6	34.1	3.2	23	5,400(53.0)	780(7.65	0.71	120

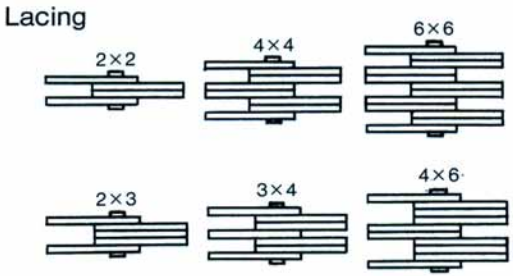




Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		Avg. Tensile Strength kgf(kN)	Max. Allowable Load kgf(kN)	App. Kg/ft	Links Of 1 Unit
				Dia. (d)	d_o	A	B	(A+A) L1	(A+B) L2	Thickness (T)	Height (H)				
C2040HP	25.4	7.95	7.95	5.68	4	8.1	9.4	16.2	17.5	1.5	11.7	1,350(13.2)	180(1.77)	0.14	120
C2042HP			15.88											0.24	
C2050HP	31.75	9.53	10.16	7.24	5.12	10.3	11.7	20.6	22	2	14.6	2,100(20.6)	320(3.14)	0.23	96
C2052HP			19.05											0.38	
C2060HP	38.1	12.7	11.91	8.37	5.99	12.9	14.3	25.8	27.2	2.4	17.5	3,200(31.4)	430(4.22)	0.34	80
C2062HP			22.23											0.55	

Leaf Chain

KCM Leaf Chain comes in two different varieties: AL Series for light loading and BL Series for heavy loading. The chain itself is made up entirely of plates and pins. It is designed to lift and hold heavy loads in applications such as Fork Lifts.



Selection

1. Determine the following items according to operating conditions
   - Speed
   - Daily repetition of power applications
   - Working Load (attachment weight, inertia force and impact force)
2. Determine Chain Type
   - BL Series is recommended
   - Use roller chain if operating speeds exceed 30m/min or number of daily repetitions exceeds 1000
3. Determine chain size by the following equation.

Working Load	x	Use Coefficient (Table 1)	x	Safety Factor (Table 2)	≤	Min. Tensile Strength

Table 1 Use Coefficient

Type of Impact	Use	Use Coefficient
Smooth transmsission	Smooth starts and stops, moderate load change (ie: lowering of balance weight)	1.0
Impact to some extent	Frequent starts, stops, load changes and operations	1.3
Impact	Rapid starts, stops, load changes and operations (ie: mining and construction machinery	1.5

Table 2 Safety Factor

Series	No. of repetitions	Plate Combination Safety Factor	
		2x2, 3x4, 2x3, 4x4	4x6, 6x6
BL	1000 times/day	8 or more	9 or more
AL	10 times/day	8 or more	9 or more
	100 times/day	11 or more	12 or more

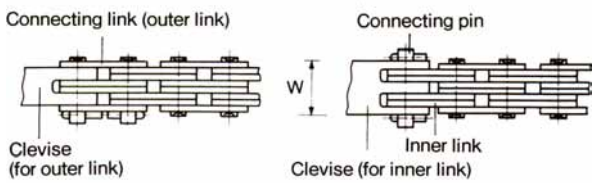
Notes to Selection

- Do not use a chain with low safety factor. Otherwise, pin will turn, resulting in chain failure
- Perform periodic lubrication. Even when safety factor is satisfactory, insufficient lubrication will result in pin rotation. (Recommended oil: SAE30 – SAE40)
- Safety factor of chain is determined by the related regulations, or by this bulletin, whichever is greater

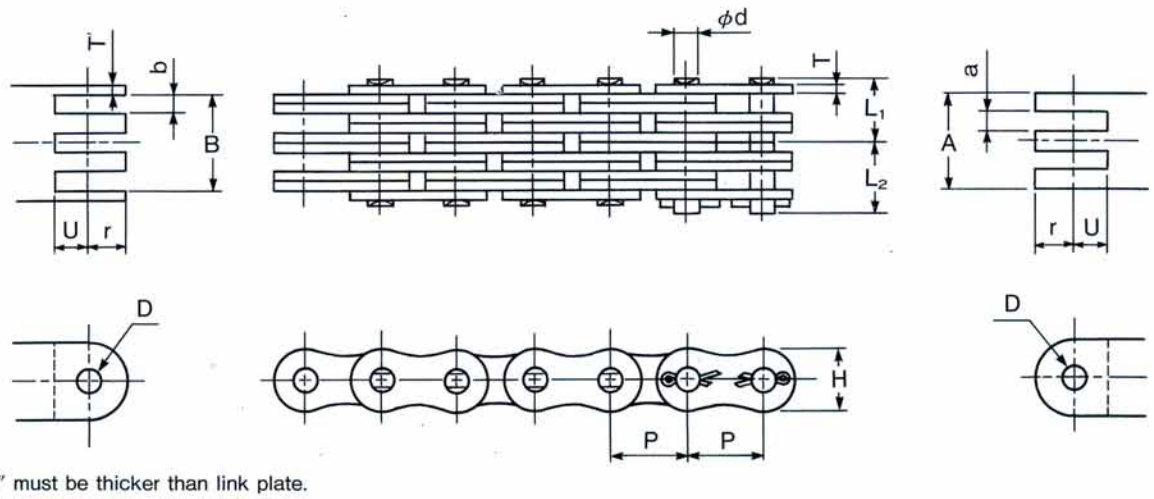
Attaching of Chains and Clevises

When clevise is outer link or connecting link:
Outer link connector and connecting ling (standard) are used.

When clevise is inner link:
Inner link connector and connecting pin (with dimension "W") are used.



Leaf Chain



T' must be thicker than link plate.

AL Series

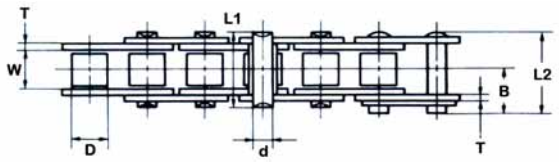
Chain	Pitch	Plate			Pin			Min. Tensile Strength	App. Kg/ft	End Connector						
		Lacing	(T)	(H)	OD (d)	Caulked L1	Pinned L2			D Min	r Max	U Min	A Max	a Min	B Min	b Min
AL544	15.875	4x4	2.0	12.6	5.09	9.3	11.25	5,600 (54.9)	0.35	5.12	7.94	7.14	12.50	4.44	12.91	4.44
AL566		6x6				13.4	15.35	8,400 (82.4)	0.54				20.97		21.38	
AL644	19.05	4x4	2.4	15.0	5.96	11.15	13.85	7,800 (76.5)	0.51	5.98	9.53	8.56	14.69	5.23	15.19	5.23
AL666		6x6				16.13	18.83	11,700 (114.7)	0.77				24.65		25.15	
AL688		6x8														
AL844	25.40	4x4	3.2	19.7	7.94	14.43	17.53	13,200 (129.4)	0.89	7.96	12.70	11.43	19.80	7.00	20.40	7.00
AL866		6x6				20.93	24.03	19,800 (194.2)	1.32				33.20		33.30	

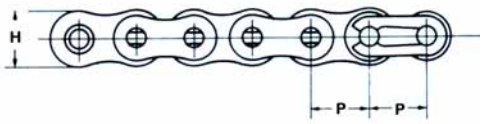
BL Series

Chain	Pitch	Plate			Pin			Min. Tensile Strength	App. Kg/ft	End Connector						
		Lacing	(T)	(H)	OD (d)	Caulked L1	Pinned L2			D Min	r Max	U Min	A Max	a Min	B Min	b Min
BL434	12.7	3x4	2	11.7	5.09	8.27	10.23	3,600(35.30	0.31	5.12	6.35	6.35	10.41	2.29	10.67	4.32
BL466		6x6				13.4	15.35	7,200(70.60	0.52				21.0	4.41	21.35	4.41
BL623	19.05	2x3	3.2	17.5	7.94	9.55	12.65	6,500(63.70)	0.55	7.96	9.53	9.53	9.67	-	-	-
BL634		3x4				12.8	15.9	9,750(95.60)	0.76				16.50	3.60	16.88	6.83
BL644		4x4				14.42	17.53	13,000(127.50)	0.87				19.85	6.95	20.35	6.95
BL646		4x6				17.67	20.78	13,000(127.50)	1.08				26.43	7.09	27.07	10.31
BL823	25.4	2x3	4	23	9.54	12.45	15.4	10,500(103.00)	0.9	9.56	12.70	12.70	11.97	-	-	12.73
BL834		3x4				16.55	19.5	15,800(154.90)	1.25				20.40	4.44	20.85	8.43
BL844		4x4				18.6	21.55	21,000(205.90)	1.42				24.54	8.58	25.14	8.58
BL846		4x6				22.7	25.65	21,000(205.90)	1.77				32.68	8.74	33.44	12.73
BL866		6x6				26.8	29.75	31,500(308.90)	2.12				41.10	8.58	41.70	8.58
BL1034	31.75	3x4	4.8	28.9	11.11	19.65	23.05	22,000(215.70	1.88	11.14	15.88	15.88	24.40	5.30	24.93	10.08
BL1046		4x6				27	30.4	28,800(282.40)	2.67				39.07	10.43	39.95	15.20
BL1234	38.1	3x4	5.6	35	12.71	23	27	30,500(299.10)	2.65	12.74	19.05	19.05	28.70	6.22	29.30	11.84
BL1246		4x6				31.62	35.63	38,000(372.70)	3.77				45.96	12.26	46.98	17.87

Motorcycle Chain

KCM Motorcycle chains are developed to improve fatigue strength and wear resistance and manufactured under stringent quality control.



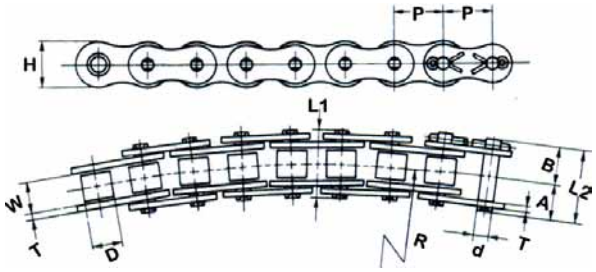


Name	Pitch	Inner Width (W)	Roller Diameter D	Pin					Plate		Average Tensile Strength Kg/ft (kN)	Maximum Allowable Load Kg/ft (kN)	App. Kg/ft
				Dia. d	A	B	(A+A) L1	(A+B) L2	T	H			
410	12.7	3.4	7.75	3.64	4.65	6.05	9.3	10.7	1	9.5	1,000(9.81)	-	0.09
415H	12.7	4.76	7.77	3.97	6.4	7.9	12.8	14.3	1.5	11.7	1,850(18.14)	380(3.73)	0.16
420	12.7	6.35	7.77	3.97	7.2	8.7	14.4	15.9	1.5	11.7	1,850(18.14)	380(3.73)	0.16
428	12.7	7.95	8.5	4.51	8.05	9.55	16.1	17.6	1.5	11.7	1,900(18.63)	400(3.92)	0.19
428H	12.7	7.95	8.5	4.51		10.55	18.1	19.6	2	11.7	2,300(22.6)	450(4.41)	0.23
520	15.875	6.35	10.16	5.09	8.47	9.93	16.95	18.4	2	14.6	3,050(29.91)	650(6.37)	0.27
520H	15.875	6.35	10.16	5.09		10.75	18.55	20	2.4	14.6	3,700(36.30)	740(7.26)	0.31
530	15.875	9.53	10.16	5.09	10.15	11.6	20.3	21.75	2	14.6	3,050(29.9)	650(6.37)	0.3
530H	15.875	9.53	10.16	5.09		12.45	21.95	23.4	2.4	14.6	3,700(36.3)	740(7.26)	0.35
630H	19.05	9.53	11.51	5.96									0.41

"Australia's Only Genuine Wholesaler"

Side Bow Chain

KCM Side Bow chain has the capacity to navigate curves, whilst still using standard sprockets.



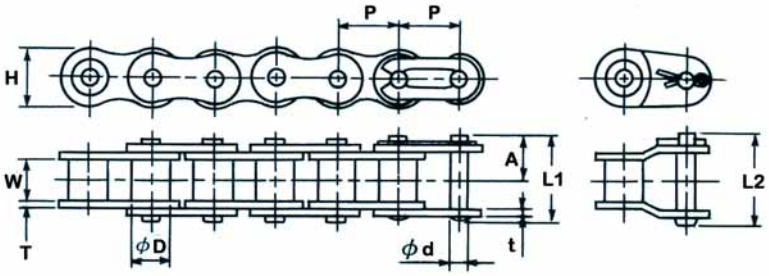
Chain	Pitch	Inner Width W	Roller Diameter D	Pin					Link Plate		R	Average Tensile Strength Kg/ft (kN)	Max. Allowable Load Kg/ft (kN)	App. Kg/ft
				Dia. d	A	B	(A+A) L1	(A+B) L2	T	H				
40-1 SB	12.7	7.95	7.95	3.59	8.2	9.7	16.4	17.9	1.5	11.7	350	1,200(11.8)	190(1.86)	0.18
50-1 SB	15.875	9.53	10.16	4.51	10.35	12.3	20.7	22.65	2	14.6	400	2,100(20.6)	290(2.84)	0.29
60-1 SB	19.05	12.7	11.91	5.09	12.95	14.75	25.9	27.7	2.4	17.5	500	2,860(28.0)	410(4.02)	0.42

Self Lubricating Chain

The KCM lubrication free chain uses special oil impregnated bushings that maintain the chains lubrication; subsequently SL chain is maintenance-free.

KCM SL chain is perfect for conditions where no lubrication is required (eg: cold environments), or accessing the chain for regular maintenance is problematic.

Recommended chain speed: 150m/min or slower



Chain	Pitch	Inner Width W	Rollier Diameter D	Pin				Link Plate		Average Tensile Strength Kg/ft (kN)	Max. Allowable Load Kg/ft (kN)	App. Kg/ft	Links Of 1 Unit
				Dia d	A	L1	L2	T/t	H				
40-1 SL	12.7	7.95	7.95	3.97	9.53	17.55	18.95	1.5	11.7	1,350(13.2)	230(2.25	0.17	240
50-1 SL	15.875	9.53	10.16	5.09	11.6	21.75	23	2	14.6	2,100(20.6)	360(3.52)	0.29	192

Operating Note for SL chain

- In dusty environments there is a possibility that premature wear may occur.
- If the chain is exposed to water, the oil impregnated in the bushing will come out, thus promoting wear.
- If the oil comes out of the bush completely, rapid wear is caused, shortening the chains service life.

Nickel Plated Chain

KCM Nickel Plated chain is a surface treated chain; all the parts are plated with a nickel membrane. This not only provides an attractive finish but also offers excellent corrosion resistance.

KCM Nickel Plated chain is perfect for situations where corrosion is an issue, yet chain strength and integrity needs to be maintained. As the Nickel Plated chain has only a 15% reduction in its load bearing capacity in comparison to standard steel chains, it is a great economical solution in helping to prevent environmental degradation to high load bearing drives.

Finer Power Transmissions stocks KCM Nickel Plated chain in British Standard, ASA and Double Pitch chain.

The dimensions of Nickel Plated chain are the same as that of standard steel chain, the maximum allowable loads is the only variation between the two.

British Standard

Chain	Max. Allowable Load Kg/ft (kN)
08B-1N	(3.14)
10B-1N	(4.90)

ASA

Chain	Max. Allowable Load Kg/ft (kN)
35-1N	(1.86)
40-1N	310 (3.04)
50-1N	550 (5.39)
60-1N	740 (7.26)
80-1N	1,300 (12.70)

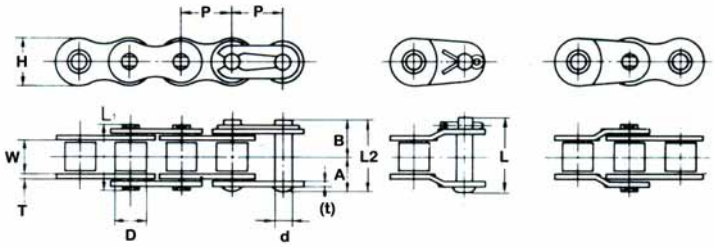
Double Pitch

Chain	Max. Allowable Load Kg/ft (kN)
C2050N	450 (4.41)
C2060N	640 (6.28)
C2080N	1,090 (10.69)

Safety Precaution: Do not use surface treated chain if chain directly contacts food, else abrasion particles are mixed into food.

Stainless Steel Chain

All KCM Stainless Steel (SS) chains are made of SUS304 (18 Cr/8 Ni) austenite stainless steel, for use in operating environments requiring; high thermal resistance (-20˚ to 400˚C), corrosion resistance and cleanliness.

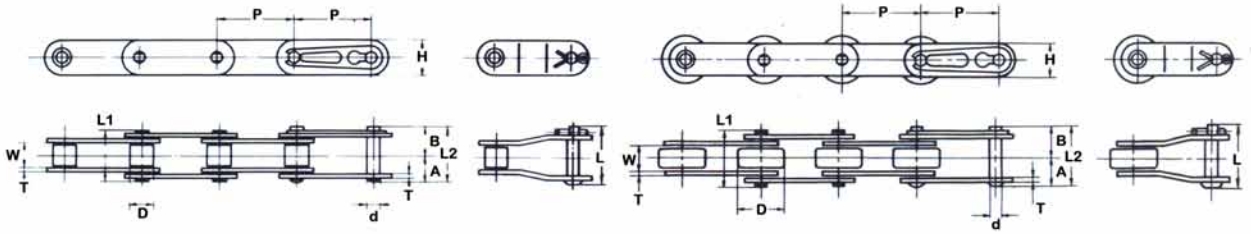


British Standard Stainless Steel

Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		Trans. Pitch	Max. Allowable Load kgf(kN)	App. Kg/ft	Links Of 1 Unit
				Dia. (d)	A	B	(A+A) L1	(A+B) L2	Offset (L)	Thickness T(t)	Height (H)				
05B-1SS	8	3	5	2.31	3.82	4.83	7.65	8.65		0.75	7.1	-	12(0.12)	0.05	626
06B-1SS	9.525	5.72	6.35	3.28	6.1	7.6	12.20	13.70	15.15	1.3(1.0)	8.1	-	27(0.26)	0.130	320
08B-1SS	12.70	7.75	8.51	4.45	8.17	9.58	16.35	17.75	19.30	1.5	11.7	-	45(0.44)	0.2	240
08B-2SS					15.12	16.53	30.25	31.65	33.20			13.92	77(0.76)	0.38	
10B-1SS	15.875	9.65	10.16	5.08	9.58	11.02	19.15	20.60	21.95	1.65	14.6	-	70(0.7)	0.29	192
12B-1SS	19.05	11.68	12.07	5.72	11.05	12.55	22.10	23.60	26.30	1.8	16.0	-	105(1.0)	0.38	160
16B-1SS	25.40	17.02	15.88	8.28	17.6	20.7	35.20	38.30	41.65	4.0(3.2)	19.7	-	180(1.77)	0.8	120

ASA Stainless Steel

Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		Trans. Pitch	Max. Allowable Load kgf(kN)	App. Kg/ft	Links Of 1 Unit
				Dia. (d)	A	B	(A+A) L1	(A+B) L2	Offset (L)	Thickness (T)	Height (H)				
25-1SS	6.35	3.18	3.30	2.31	3.82	4.83	7.65	8.65	-	0.75	5.8	-	12 (0.12)	0.04	480
35-1SS	9.525	4.78	5.08	3.59	5.77	7.28	11.55	13.05	13.85	1.25	8.8	-	27(0.26)	0.1	320
40-1SS	12.70	7.95	7.95	3.97	8.07	9.48	16.15	17.55	19.05	1.5	11.7	-	45(0.44)	0.19	240
40-2SS					15.27	16.68	30.55	31.95	33.45			14.4	77(0.76)	.36	
50-1SS	15.875	9.53	10.16	5.09	10.17	11.63	20.35	21.80	23.05	2.0	14.6	-	70(0.69)	.32	192
60-1SS	19.05	12.70	11.91	5.96	12.7	14.2	25.40	26.90	29.55	2.4	17.5	-	105(1.03)	.46	160
60-2SS					24.1	25.60	48.20	49.70	52.35			22.8	179(1.76)	.9	
80-1SS	25.40	15.88	15.88	7.94	16.15	19.25	32.30	35.40	37.10	3.2	23.0	-	180(1.77)	.8	120



Double Pitch Stainless Steel

Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		Max. Allowable Load kgf(kN)	App. Kg/ft	Links Of 1 Unit
				Dia. (d)	A	B	(A+A) L1	(A+B) L2	Offset (L)	Thickness (T)	Height (H)			
C2040SS	25.40	7.95	7.95	3.97	8.07	10.28	16.15	18.35	19.05	1.5	11.7	45(0.44)	0.15	120
C2042SS			15.88										.25	
C2050SS	31.75	9.53	10.16	5.09	10.17	12.13	20.35	22.30	23.05	2.0	14.6	70(0.69)	.25	96
C2052SS			19.05										.39	
C2060HSS	38.10	12.70	11.91	5.96	14.35	17.05	28.76	31.40	32.85	3.2	17.5	105(1.03)	.45	80
C2062HSS			22.23										.65	
C2080HSS	50.80	15.88	15.88	7.94	17.80	20.90	35.60	38.70	40.40	4.0	23.0	180(1.77)	.63	60

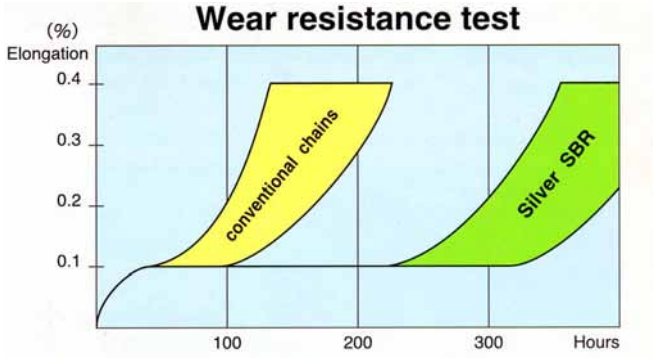
Sugiyama Chain Co.

Since being founded in 1946 as a bicycle chain manufacturer, Sugiyama Chain has concentrated its efforts on the manufacturing of high quality roller chain. With decades of experience and continuous research in the roller chain field, SY offer a complete line of roller chain. SY chain is recognized throughout the world for its quality and innovation.

SBR Silver SBR ROLLER CHAIN
Solid Bush-Solid Roller

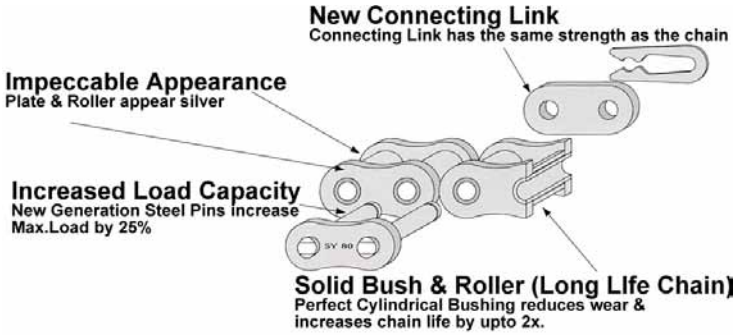
Sugiyama Silver SBR chain has two key benefits.

SY Silver SBR consists of seamless components; both bushings and rollers are solid. This markedly improves chain life, as curled bushings and rollers have a tendency to elongate.

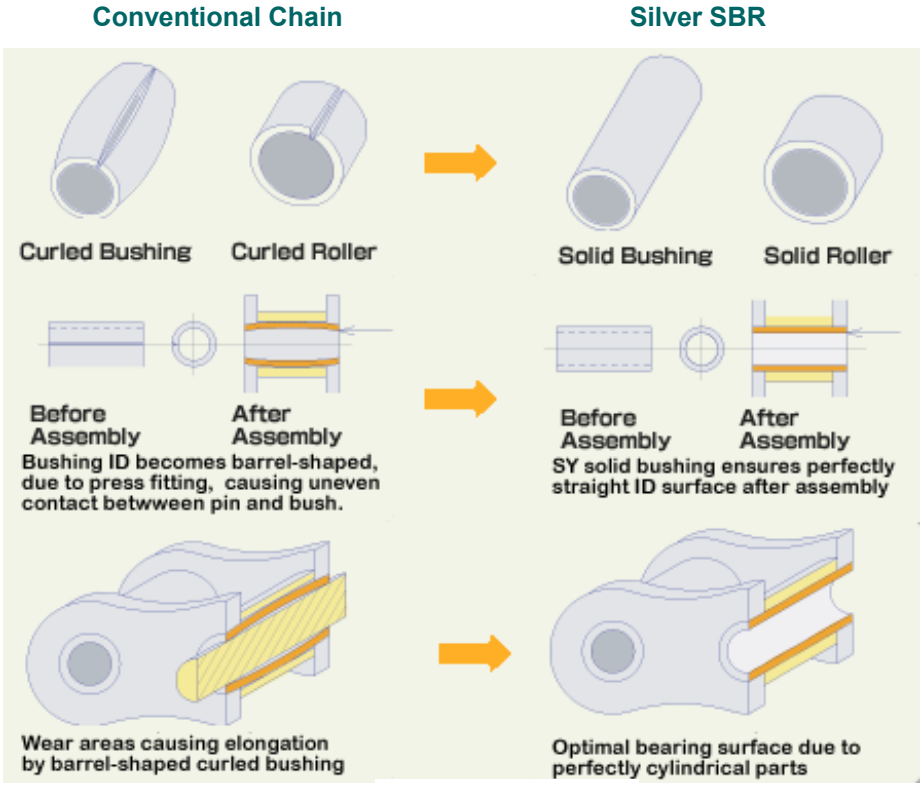


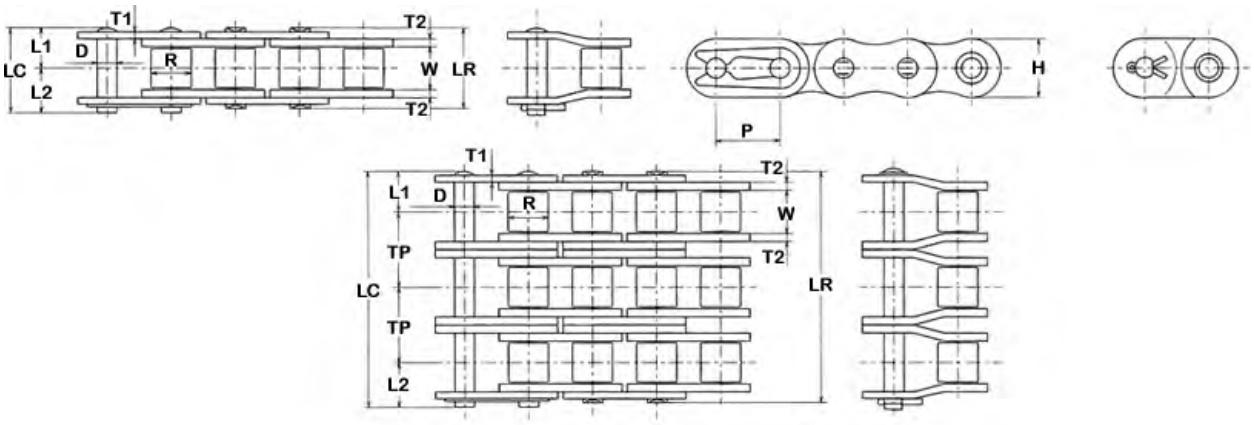
Sugiyama Chain Manufacturing Co. is the only company in the world that supplies all of its standard chains with solid bushings and solid rollers.

Sugiyama Silver SBR has up to 25% higher working loads than conventional chain.



SY Silver SBR is further enhanced with a special surface treatment. This treatment improves chain durability, SY Silver SBR has about a 25% higher fatigue strength than SY's previous standard chain and other manufacturers standard chains.

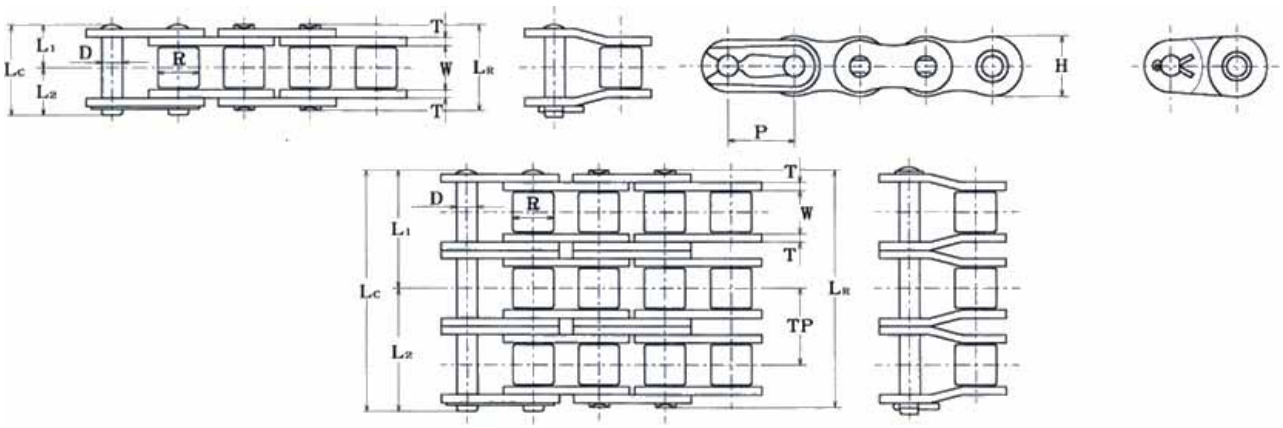




Chain	Pitch (P)	Roller		Pin					Plate				Transverse Pitch (TP)	Min. Ultimate Strength (kN)	Max. Allowable Load (kN)	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	Height (H)	T1	T2	T3				
04B-1	6	2.8	4	1.85					4.9							0.04
05B-1	8	3	5	2.31												0.05
05B-2																0.09
06B-1	9.525	5.72	6.35	3.28	12.6	13.4	6.3	7.1	8.2	1	1.25	1.6	-	8.92	1.7	0.12
06B-2					22.9	23.7							10.24	16.9	2.9	0.24
06B-3					33.2	33.7								24.9	4.2	0.36
08B-1	12.7	7.75	8.51	4.45	16.7	18	8.4	9.6	11.8	1.5	-	-	-	17.8	3.14	0.18
08B-2					30.6	31.9							13.92	31.1	5.35	0.38
08B-3					44.5	45.8								44.5	7.85	0.58
10B-1	15.875	9.65	10.16	5.08	19	20.7	9.5	11.2	14.7	1.65	-	-	-	22.2	4.9	0.27
10B-2					35.6	37.3							16.59	44.5	8.33	0.55
10B-3					52.4	54.4								66.7	12.2	0.82
12B-1	19.05	11.68	12.07	5.72	22	23.6	11	12.6	16.1	1.8	-	-	-	28.9	7.06	0.32
12B-2					41.6	43.1							19.46	57.8	12	0.69
12B-3					61.1	62.7								86.7	17.6	1.02
16B-1	25.4	17.02	15.88	8.26	35.1	38.2	17.6	20.6	21	3.2	4	-	-	60	12.6	0.79
16B-2					67.2	70.1							31.88	106	21.4	1.57
16B-3					99.2	102.5								160	31.5	2.35
20B-1	31.75	19.56	19.05	10.16	40.2	44	20.1	23.9	26.4	3.5	4.5	-	-	95	19.6	1.15
20B-2					76.8	80.6							36.45	170	33.3	2.22
20B-3					113.3	117.2								250	49	3.32
24B-1	38.1	25.4	25.4	14.63	53.4	58.1	26.7	31.4	33.4	4.9	5.9	-	-	160	27.5	2.23
24B-2					101.8	106.5							48.36	280	46.8	4.43
28B-1	44.45	31	27.94	15.88	65.1	70.5	32.6	37.9	37	6.3	7.4	-	-	200	34.3	2.83
28B-2					124.7	130							59.56	360	58.3	5.63
28B-3					184.2	189.6								530	85.8	8.43
32B-1	50.8	31	29.21	17.81	65	71.1	32.5	38.6	42.2	6.3	6.9	-	-	250	39.2	3.02
32B-2					123.4	129.7							58.55	450	66.6	6.02

ASA Chain

SBR Silver SBR ROLLER CHAIN Solid Bush-Solid Roller

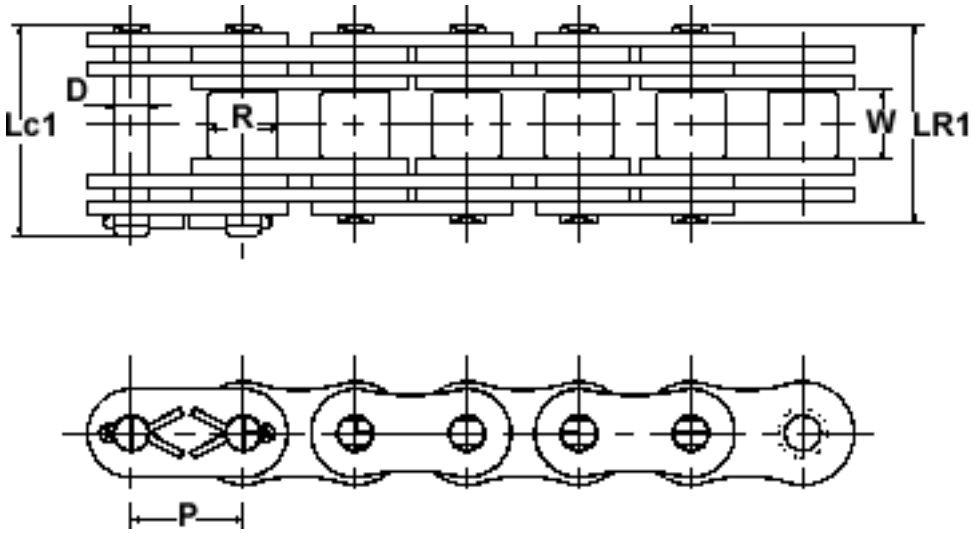


Chain	Pitch (P)	Roller		Pin					Plate		Transverse Pitch (TP)	Avg. Ultimate Strength	Ma. Allowable Load	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)				
25-1														
35-1	9.525	4.78	5.08	3.58	12	12.9	6	6.9	9	1.25	10.1	10.8	2.48	0.1
40-1	12.7	7.95	7.92	3.96	16.5	17.9	8.3	9.6	11.7	1.5	14.4	19.1	4.17	0.18
40-2					30.8	32.2	15.4	16.8				38.2	6.17	0.37
40-3					45	46.6	22.5	24.1				57.3	9.08	0.56
50-1	15.875	9.53	10.16	5.08	20.4	22	10.2	11.8	14.6	2	18.1	31.9	7.22	0.3
50-2					38.4	40	19.2	20.8				63.8	10.7	0.61
50-3					56.7	58.2	28.4	29.8				95.7	15.7	0.94
60-1	19.05	12.7	11.91	5.95	25.5	26.9	12.8	14.1	17.5	2.4	22.8	43.1	10.7	0.45
60-2					48.2	49.7	24	25.7				86.2	14.7	0.9
60-3					71.2	72.6	35.2	37.4				129	21.6	1.35
60-4					94.4	95.4	47.2	48.2				172	28.5	1.8
80-1	25.4	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	29.3	78.5	18.4	0.77
80-2					61.6	64.5	30.8	33.7				157	25	1.55
80-3					90.9	94.1	45.5	48.6				236	36.8	2.34
80-4					120.4	123.5	60.2	63.3				314	48.5	3.12
100-1	31.75	19.05	19.05	9.53	39.4	43	19.7	23.3	29.3	4	35.8	118	28.3	1.19
100-2					75.1	78.8	37.6	41.2				236	38.4	2.36
100-3					110.9	114.6	55.5	59.1				354	56.5	3.53
120-1	38.1	25.4	22.23	11.1	49.5	53.4	24.8	28.6	35.1	4.8	45.4	167	38	1.76
120-2					94.9	98.8	47.5	51.3				334	51.7	3.5
120-3					140.3	144.2	70.2	74				501	76	17.2
140-1	44.45	25.4	25.4	12.7	54	58.3	27	31.3	40.9	5.6	48.9	216	50.3	2.26
140-2					102.9	107.2	51.5	55.7				432	68.3	4.46
140-3					151.7	156.3	75.9	80.4				648	101	6.68
160-1	50.8	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	58.5	275	66.3	2.98
160-2					122.8	127.2	61.4	65.8				550	90.1	5.93
160-3					181.3	185.7	90.7	95				825	133	8.89
180-1	57.15	35.7	35.7	17.45	72.5	78.4	36.3	42.1	52.5	7.2	65.8	353	70.6	4.08
200-1	63.5	38.1	39.67	19.83	78.5	87	39.3	47.7	59.8	8	71.6	451	82.3	5.16
240-1	76.2	47.63	47.63	23.78	96.4	104.1	48.2	55.9	70.3	9.5		677	112.8	7.21

Double Capacity Chain

SY Double Capacity chain, is a single strand roller chain that offers the same ultimate tensile strength as a duplex chain, with a saving of 50% of the weight.

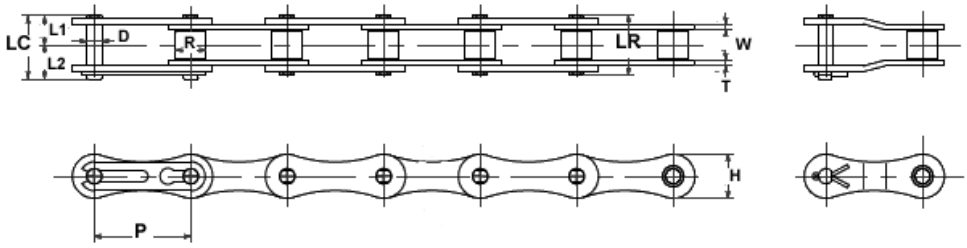
Double Capacity chain consists of twice the amount of side plates as standard chain.



Chain	Pitch	Roller		Pin			Average Ultimate Strength Kn	Max. Allowable Load Kn
		Width W	Dia R	Dia D	LR1	LC1		
140-1 DC	44.45	25.4	25.4	12.7	76.4	81.1	451	64.4
180-1 DC	57.15	35.7	35.7	17.45	101.6	107.7	1089	103

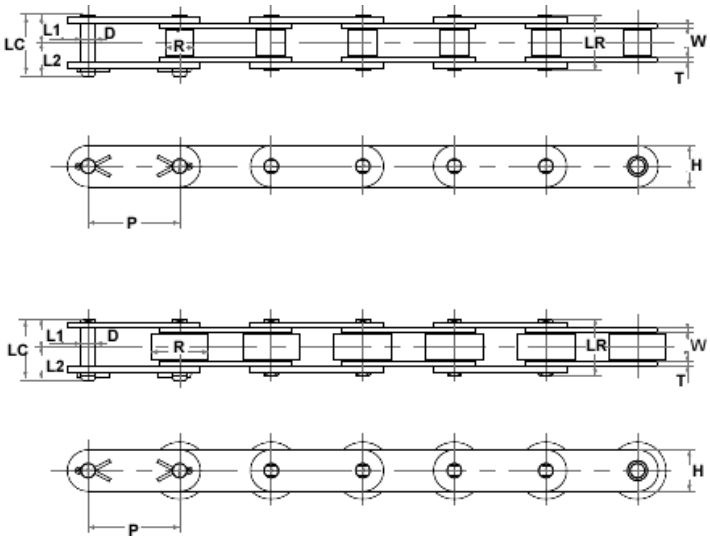
SBR® Silver SBR ROLLER CHAIN
Solid Bush-Solid Roller

Double Pitch Chain



Drive Series

Chain	Pitch (P)	Roller		Pin					Plate		Avg. Ultimate Strength	Max. Allowable Load	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	Height (H)	Thickness (T)			
A2040	25.4	7.95	7.92	3.96	16.5	17.9	8.3	9.6	11.4	1.5	16.7	2.65	0.13
A2050	31.75	9.53	10.16	5.08	20.4	22	10.2	11.8	15	2	27.5	4.31	0.22
A2060	38.1	12.7	11.91	5.95	25.5	26.9	12.8	14.1	17	2.4	40.2	6.23	0.31



Conveyor Series

Chain	Pitch (P)	Roller		Pin					Plate		Avg. Ultimate Strength	Max. Allowable Load	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	Height (H)	Thickness (T)			
C2040	25.4	7.95	7.92	3.96	16.5	18.5	8.2	10.3	11.4	1.5	16.9	3.63	0.15
C2042			15.88										0.25
C2050	31.75	9.53	10.16	5.08	20.4	22.0	10.2	11.8	15.0	2.0	27.5	6.28	0.25
C2052			19.05										0.38
C2060H	38.1	12.7	11.91	5.95	28.7	31	14.4	16.6	17	3.2	40.2	8.63	0.42
C2062H			22.23										0.63
C2080H	50.8	15.88	15.88	7.93	35.5	38.8	17.8	21	22.6	4	68.6	14.7	2.32
C2082H			28.58										1.02
C2100H	63.5	19.05	19.05	9.53	42.2	45.7	21.1	24.6	28.6	4.8	107.9	22.6	1.05
C2102H			39.67										1.72
C2120H	76.2	25.4	22.23	11.1	52.6	57	26.3	30.7	34.9	5.6	151	30.4	1.5
C2122H			44.45										2.4

SBR® Silver SBR ROLLER CHAIN
Solid Bush-Solid Roller

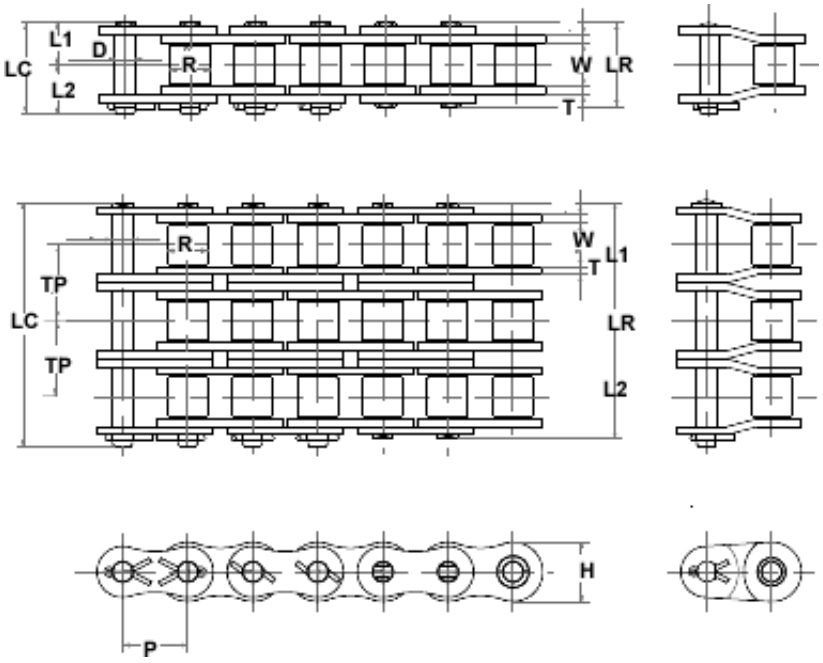
Heavy Duty Chain

Silver SBR ROLLER CHAIN
Solid Bush-Solid Roller

SY H-Series roller chains provide greater resistance to wear, improved shock loading capacity and high breaking strength for general-purpose applications.

This is achieved through; increasing the plate thickness (H-Series chain adopts the plate thickness of the next larger chain size), and employs through hardened high tensile structural steel pins.

H-Series chain is perfect for situations where high power transmission levels are required and there is limited space. It is also beneficial in locations where performing maintenance is difficult, extending the period between services.



H-Series

Chain	Pitch (P)	Roller		Pin					Plate		Transverse Pitch	Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)				
60H-1	19.05	12.7	11.91	5.95	28.8	30.8	14.4	16.4	17.5	3.2	-	54.9	10.7	0.55
80H-1	25.4	15.88	15.88	7.93	35.7	38.7	17.9	20.8	23.4	4	-	90.2	18.4	0.77
100H-1	31.75	19.05	19.05	9.53	42.4	45.9	21.2	24.7	29.3	4.8	-	137	28.3	1.26
100H-2					81.6	85	40.8	44.2			39.1	274	39.1	8.2
120H-1	38.1	25.4	22.23	11.1	52.8	57.2	26.4	30.8	35.1	5.6	-	186	38	1.78
120H-2					102	106.1	51	55.1			48.9	372	53.4	3.52
140H-1	44.45	25.4	25.4	12.7	57.2	61.8	28.6	33.2	40.9	6.4	-	241	50.3	2.56
140H-2					109.4	114	54.7	59.3			52.2	482	70	5.06
160H-1	50.8	31.75	28.58	14.28	67.9	73	34	39	46.7	7.2	-	306	66.3	3.31
180H-1	57.15	35.7	35.7	17.45	75.6	81.5	37.8	43.7	52.5	8	-	373	70.6	4.62

HE Series

Chain	Pitch (P)	Roller		Pin					Plate		Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)			
60HE-1	OA	OA	OA	OA	OA	OA	OA	OA	OA	OA	OA	OA	OA
80HE-1	25.4	15.88	15.88	7.93	35.5	38.8	17.8	21.1	23.4	4	93.2	18.4	0.8
100HE-1	31.75	19.05	19.05	9.53	42.2	45.7	21.1	24.6	29.3	4.8	142	28.3	1.26
120HE-1	38.1	25.4	22.23	11.1	52.6	57	26.3	30.7	35.1	5.6	191	38	1.77
140HE-1	44.45	25.4	25.4	12.7	57	61.6	28.5	33.1	40.9	6.4	252	50.3	2.56

HE-Series chain uses the same techniques as H-Series to achieve improved strength, but adopts enhanced strength pins, making this chain ideal for Extra Heavy Duty situations

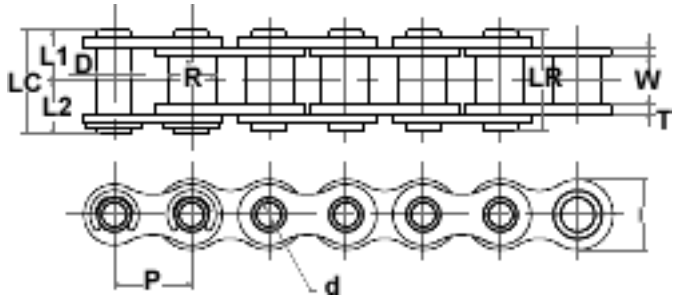
Hollow Pin Chain

SBR Silver SBR ROLLER CHAIN Solid Bush-Solid Roller

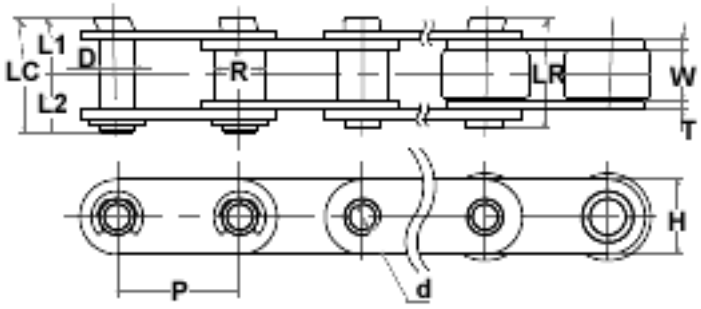
SY Hollow Pin chains are identical to Standard roller chains dimensions and it runs on standard sprockets.

The hollow pin feature provides unlimited conveyor versatility, the hollow pin allows for easy insertion of cross rods and attachments

Finer Power Transmissions carries SY Hollow Pin chain in standard ASA and Double Pitch.



Chain	Pitch	Roller		Pin						Plate		Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width W	Dia R	OD D	ID d	LR	Lc	L1	L2	Height H	Thick T			
40-1 HP	12.7	7.95	7.92	5.63	4.03	16.7	17.6	8.4	9.2	12	1.5	12.7	1.77	0.17
50-1 HP	15.875	9.53	10.16	7.09	5.13	20.1	21.3	10.1	11.2	15	2	19.6	3.14	0.29
60-1 HP	19.05	12.7	11.91	8.29	6.04	26	27.2	13	14.2	18.1	2.4	28.4	4.22	0.44



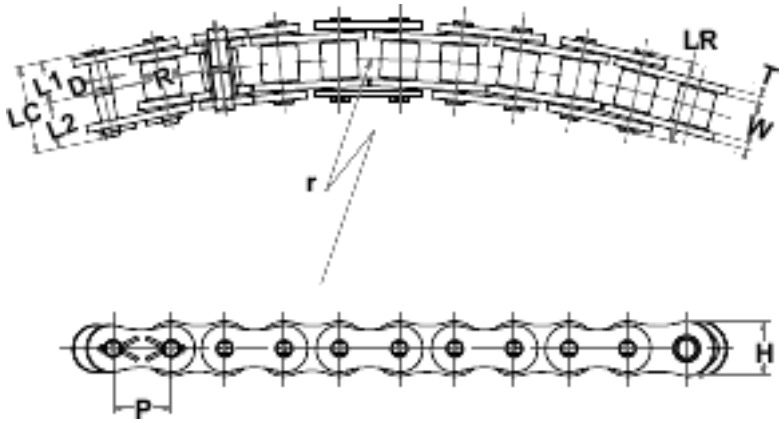
Chain	Pitch	Roller		Pin						Plate		Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width W	Dia R	OD D	ID d	LR	Lc	L1	L2	Height H	Thick T			
C2050 HP	31.75	9.53	10.16	7.09	5.13	20.1	21.3	10.1	11.2	15	2	19.6	3.14	0.23
C2052 HP			19.05											0.38
C2060 HP	38.1	12.7	11.91	8.29	6.04	26	27.2	13	14.2	18.1	2.4	28.4	4.22	0.34
C2062 HP			22.23											0.54
C2080 HP	50.8	15.88	15.88	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	51	7.65	0.6
C2082 HP			28.58											0.96

Side Bow Chain

SBR Silver SBR ROLLER CHAIN Solid Bush-Solid Roller

SY Side Bow chain provides extra clearance between pins, bushings and link plates to allow freedom of operation around a curve or twist.

The basic dimensions and quality are the same as those of ASA standard roller chain.



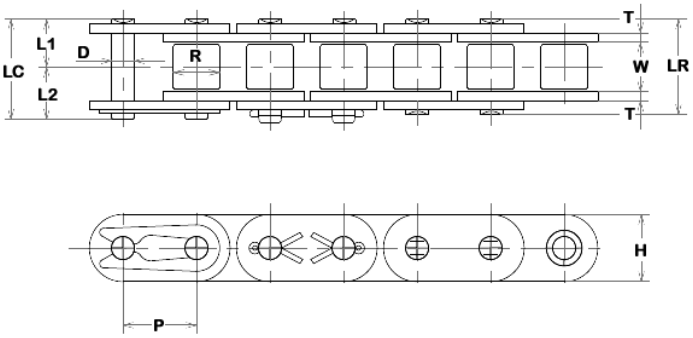
Chain	Pitch (P)	Roller		Pin					Plate		Min. Curve Radius	Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)				
40-1 SB	12.7	7.95	7.92	3.96	16.9	18.9	8.5	10.4	11.7	1.5	350	14.9	1.77	0.19

Straight Side Plate

SBR Silver SBR ROLLER CHAIN Solid Bush-Solid Roller

SY F-Series straight sidebar chains are identical to standard chains except for the straight side plates.

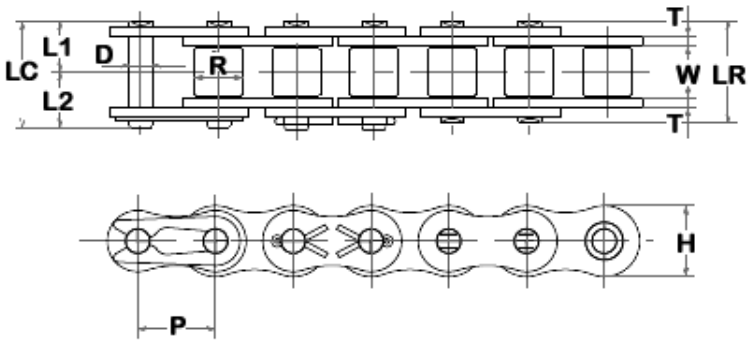
This chain is generally used for conveying purposes; the straight side plate also improves the chains fatigue resistance.



Chain	Pitch (P)	Roller		Pin					Plate		Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)			
60F-1	19.05	12.7	11.91	5.95	25.5	26.9	12.8	14.1	17.5	2.4			
80F-1	25.4	15.88	15.88	7.93	32.8	35	16.4	18.6	23.4	3.2	78.5	18.4	2.82

Stainless Steel Chain

SY series stainless steel roller chains provide excellent corrosion protection against low or high temperature, acid, alkali, moisture, scale, oil and magnetism.



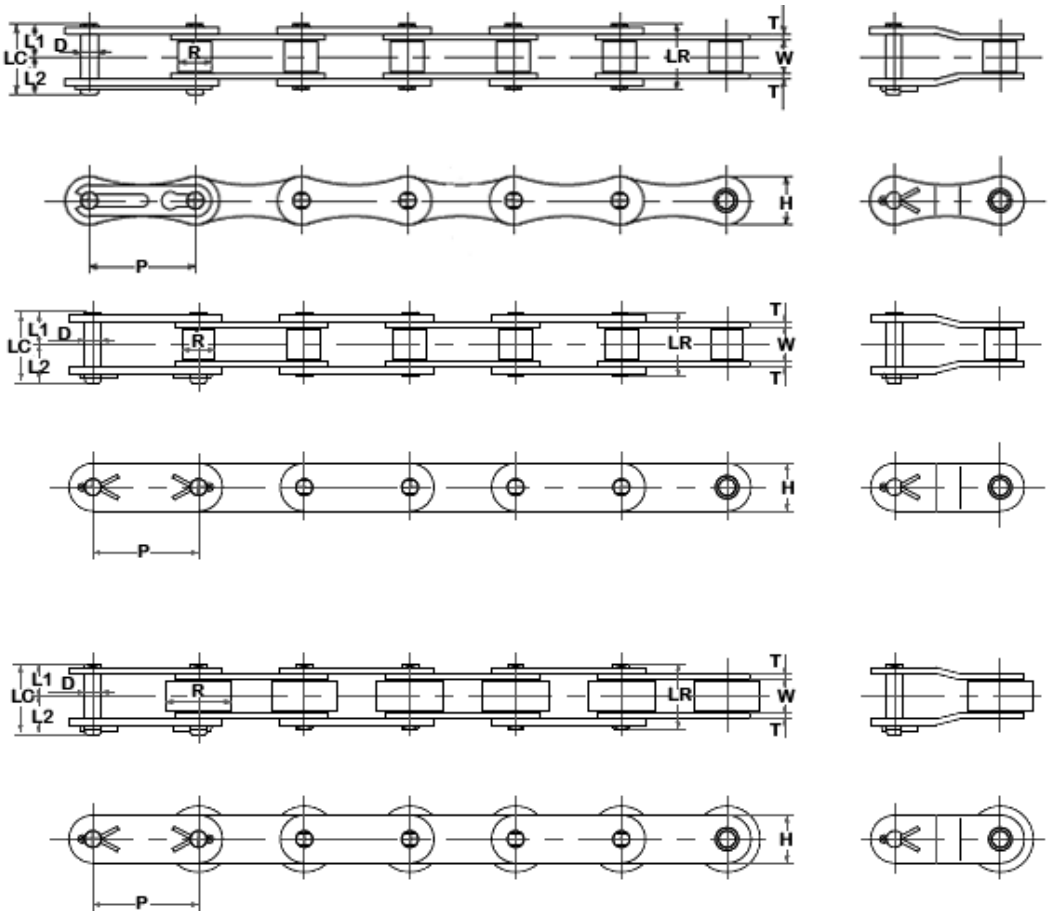
ASA Stainless Steel

Chain	Pitch (P)	Roller		Pin					Plate		Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)			
40-1 SS	12.7	7.95	7.92	3.96	16.9	18.5	8.5	10	11.7	1.5	11.1	0.44	0.18
40-2 SS													
50-1 SS	15.875	9.53	10.16	5.08	20.8	22.3	10.4	11.9	14.6	2	17.6	0.68	0.29
60-1 SS	19.05	12.7	11.91	5.95	26	27.9	13	14.9	17.5	2.4	24.5	1.03	0.44
60-2 SS													
80-1 SS	25.4	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	42.3	1.77	0.76

British Standard Stainless Steel

Chain	Pitch (P)	Roller		Pin					Plate		Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)			
06B-1 SS	9.525	5.72	6.35	3.28	12.6	13.4	6.3	7.1	8.2	1.0/1.25	6.18	0.27	0.13
08B-1 SS	12.7	7.75	8.51	4.45	16.7	17.8	8.4	9.4	11.8	1.5	10.3	0.52	0.18
08B-2 SS													
10B-1 SS	15.875	9.65	10.16	5.08	19	20.6	9.5	11.1	14.7	1.65	15.7	0.68	0.27
12B-1 SS	19.05	11.68	12.07	5.72	22	23.6	11	12.6	16.1	1.8	18.1	0.88	0.34
12B-2 SS													
16B-1 SS	25.4	17.02	15.88	8.26	35.1	38.2	17.6	20.6	20.3	3.2/4.0	42.2	2.06	0.78

Stainless Steel Chain



Double Pitch Stainless Steel

Chain	Pitch (P)	Roller		Pin					Plate		Avg. Ultimate Strength kN	Max. Allowable Load kN	App. Kg/ft
		Width (W)	Dia. (R)	Dia. (D)	LR	LC	L1	L2	(H)	(T)			
C2040 SS	25.4	7.95	7.92	3.96	16.9	18.5	8.5	10	11.4	1.5	12.4	0.44	0.15
C2042 SS			15.88										0.25
C2050 SS	31.75	9.53	10.16	5.08	20.8	22.3	10.4	11.9	15	2	20.3	0.68	0.25
C2052 SS			19.05										0.38
C2060H SS	38.1	12.7	11.91	5.95	28.8	30.9	14.4	16.5	17	3.2	27.4	1.03	0.42
C2062H SS			22.23										0.63
C2080H SS	50.8	15.88	15.88	7.93	35.7	38.8	17.9	20.9	22.6	4	47.1	1.77	0.7

AQUA-Proof Roller Chain

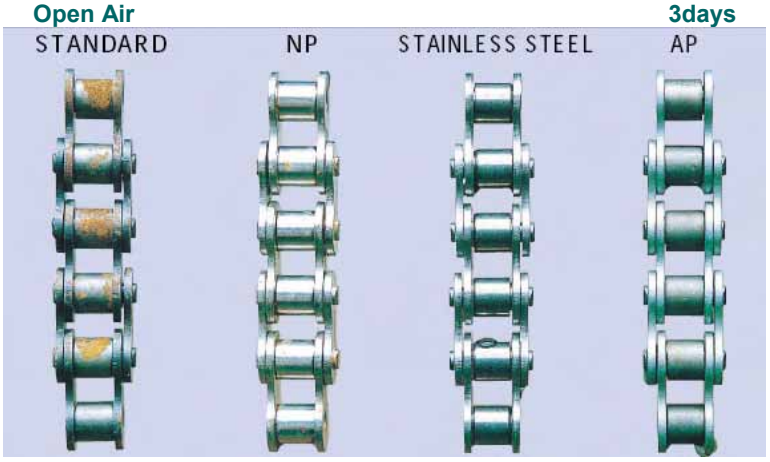
Anti-Corrosion Chain - Full Strength Series

SY Aqua Proof chain incorporates next generation technology to prevent chain rusting and seizing up. Special surface treatment for anticorrosion protects against environmental degradation and also reduces friction on moving parts enhancing chain life.

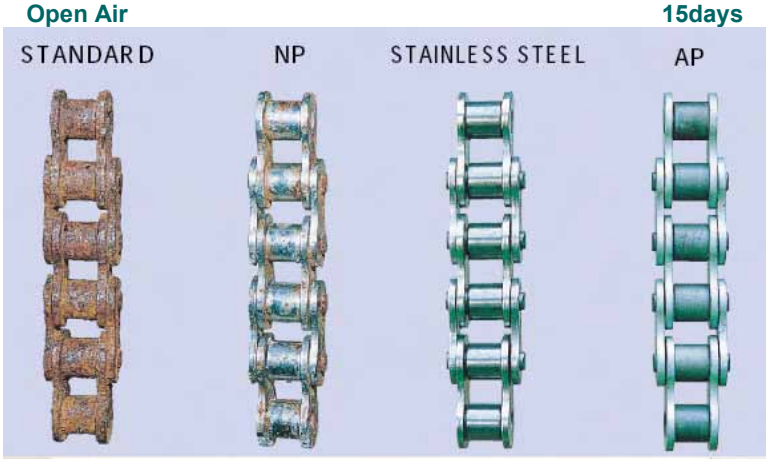
Corrosion resistance is achieved without plating, ensuring there is no Hydrogen em-brittlement. (Hydrogen embrittlement occurs when standard plating procedures are employed).

Anticorrossive Test

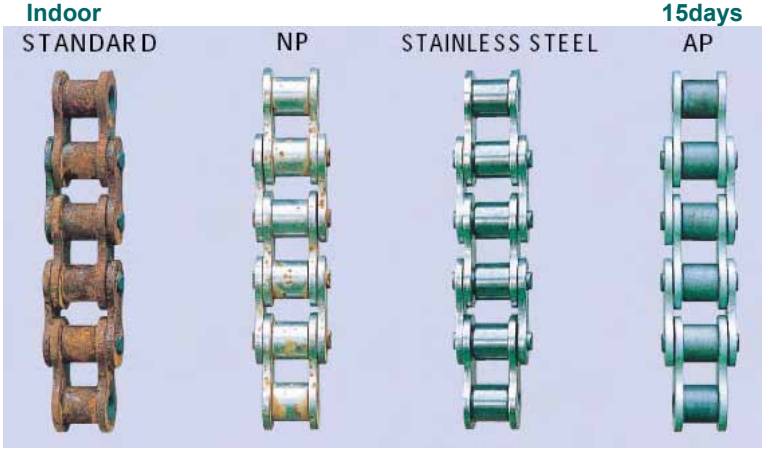
Open Air 3days



Open Air 15days



Indoor 15days



* 5% Salty water, splashed morning and evenings.

SBR AQUA-PROOF ROLLER CHAIN

British Standard	ASA
08B-1A	40-1A
-2A	-2A
10B-1A	50-1A
-2A	-2A
12B-1A	60-1A
-2A	-2A
16B-1A	80-1A
-2A	100-1A
20B-1A	

SBR NEO-PROOF ROLLER CHAIN

British Standard	ASA
08B-1A	40-1A
-2A	-2A
10B-1A	50-1A
-2A	-2A
12B-1A	60-1A
-2A	-2A
-3A	80-1A
16B-1A	100-1A
-2A	
20B-1A	

Double Pitch
C2040
C2050
C2060H
C2062H
C2080H

Applications

Suitable for all exposed and washed down areas:
Bottling Plant
Dairies
Agricultural Equipment
Marine Equipment

Note: For the food products industry, where the chain may be expossed to direct food contact , stainless steel chain is recommended.

Economy Chain

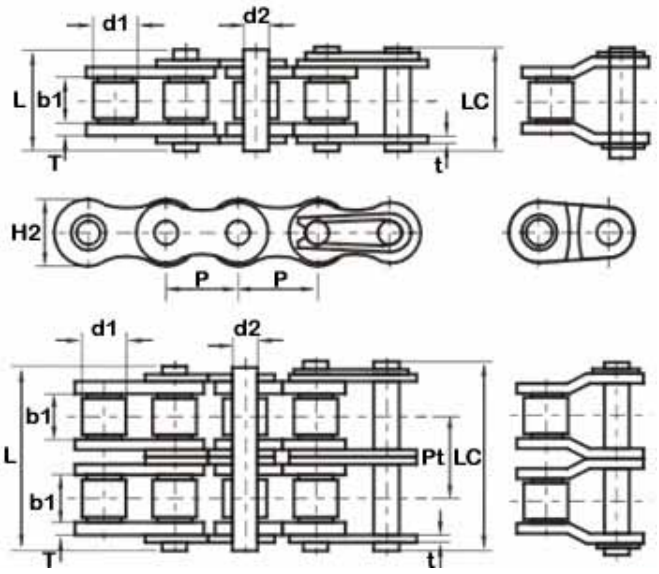
Finer Power Transmissions stocks an array of imported chains at highly competetive prices.

The Finer range includes;

British Standard
ASA
Double Pitch
Leaf Chain
81X & Roof Top
Agricultural Chain
Steel Pintle Chain
Welded Steel Chain
Engineered Chain
Timber Chain
Drag Chain
Combination Chain
Milk Crate Chain
Chain Breakers
Chain Tensioners

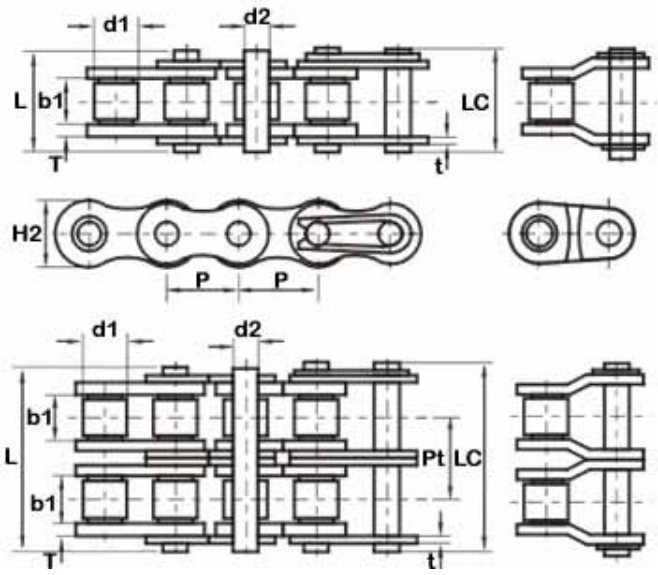
"Australia's Only Genuine Wholesaler"

British Standard Chain



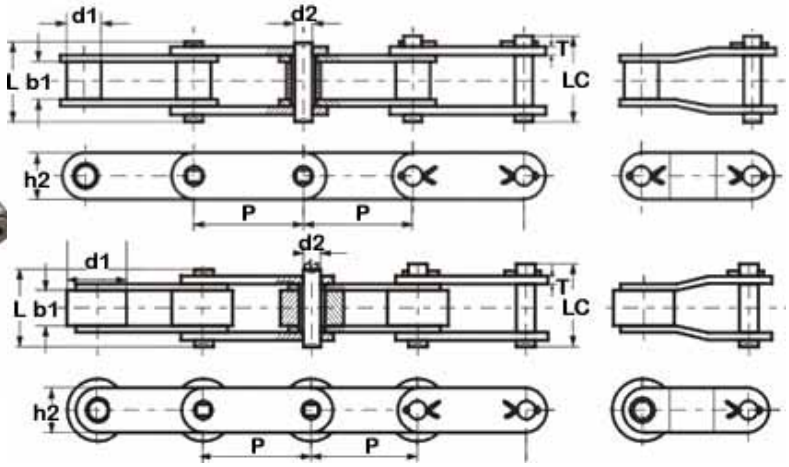
Chain	Pitch	d1	b1	d2	t/T	h2	Pt	L	Lc	ATS	UTS	Kg/ft
05B-1	8.00	5.00	3.00	2.31	0.80	7.10		7.95	11.70	5.00	6.00	0.05
06B-1	9.525	6.35	5.72	3.28	1.30	8.26		13.15	13.50	9.00	10.80	0.12
06B-2							10.24	23.40	23.60	16.90	20.28	0.23
08B-1	12.70	8.51	7.75	4.46	1.60	11.80		15.85	18.20	18.00	21.60	0.22
08B-2							13.92	30.70	32.20	31.10	37.32	0.44
10B-1	15.875	10.15	9.65	5.08	1.70	14.60		19.50	20.50	22.40	26.88	0.28
10B-2							16.59	36.00	37.20	44.50	53.40	0.57
10B-3							16.59	52.60	53.80	66.70	80.04	0.85
12B-1	19.05	12.07	11.68	5.72	1.85	16.10		22.45	23.40	29.00	34.80	0.37
12B-2							19.46	42.10	42.90	57.80	69.36	0.73
12B-3							19.46	61.60	62.30	86.70	104.04	1.10
16B-1	25.40	15.88	17.02	8.28	3.24	21.00		35.50	36.70	60.00	72.00	0.84
16B-2							31.88	68.50	68.60	106.00	127.20	1.68
20B-1	31.75	19.05	19.56	10.19	4.50	26.40		41.40	44.00	95.00	114.00	1.18
20B-2							36.45	77.50	80.60	170.00	204.00	2.34
24B-1	38.10	25.40	25.40	14.63	6.00	33.40		53.50	57.70	160.00	192.00	2.18
24B-2							48.36	101.80	106.10	280.00	336.00	4.30
28B-1	44.45	27.94	30.99	15.90	7.60	37.00		66.10	69.00	200.00	240.00	2.85
28B-2							59.56	123.15	128.60	360.00	432.00	5.64
32B-1	50.80	29.21	30.99	17.61	7.10	42.20		64.50	70.00	250.00	300.00	3.03

ASA Chain



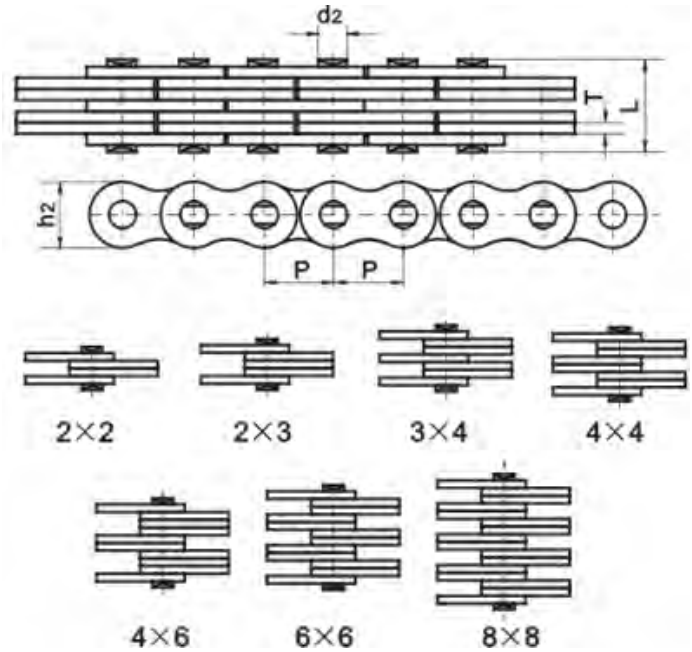
Chain	Pitch	d1	b1	t/T	h2	Pt	L	Lc	UTS KN	ATS KN	Kg/ft
25-1	6.35	3.30	3.10	0.80	6.00	6.40	7.95	8.70	3.50	4.20	0.04
35-1	9.525	5.08	4.77	1.30	8.70	10.13	12.30	13.30	7.80	9.36	0.10
35-2							22.40	23.40	15.60	18.72	0.21
40-1	12.70	7.92	7.85	1.50	12.00	14.38	16.40	17.90	13.80	16.55	0.20
40-2							30.80	32.30	27.60	33.12	0.39
41-1	12.70	7.77	6.38	1.20	9.50	14.38	13.60	14.70	6.70	8.04	0.12
50-1	15.875	10.16	9.40	2.03	15.05	18.11	20.50	21.90	21.80	26.16	0.33
50-2							38.20	40.00	43.60	52.32	0.65
60-1	19.05	11.91	12.57	2.42	18.00	22.78	25.48	26.70	31.10	37.32	0.46
60-2							48.40	49.50	62.30	74.76	0.91
80-1	25.40	15.88	15.75	3.23	29.50	29.29	32.70	34.10	55.60	66.72	0.80
80-2							61.80	63.40	111.20	133.44	1.59
100-1	31.75	19.05	18.90	4.00	30.00	35.76	40.00	43.10	86.70	104.04	1.22
100-2							75.80	78.90	173.50	208.20	2.44
120-1	38.10	22.23	25.22	4.80	36.20	45.44	50.50	54.0	124.60	149.52	1.81
120-2							95.94	99.40	249.10	298.92	3.60
140-1	44.45	25.40	25.22	5.60	42.00	48.87	53.50	57.80	169.00	202.80	2.28
140-2							102.50	106.70	338.10	405.72	4.53
140-3							151.50	155.80	507.10	608.52	6.79
160-1	50.80	28.58	31.55	6.50	48.26	58.55	64.67	70.67	222.40	266.88	3.10
160-2							124.02	130.02	444.80	533.76	20.25
200-1	63.50	39.68	37.85	8.35	60.30	71.55	80.00	87.00	347.00	416.40	5.07

Double Pitch Chain



Chain	Pitch	d1	b1	d2	h2	T	L	Lc	UTS KN	ATS KN	KG/ft
C2040	25.40	7.95	7.85	3.96	12.0	1.50	16.60	17.80	10.20	12.24	0.15
C2050	31.75	10.16	9.40	5.08	15.00	2.03	20.70	22.22	16.20	19.44	0.25
C2060H	38.10	11.91	12.57	5.94	18.0	2.42	25.90	27.77	23.60	28.32	0.37
C2062H		22.23							31.80	38.16	0.59
C2080H	50.80	15.88	15.75	7.92	23.50	3.25	32.70	36.50	41.00	49.20	0.66
C2082H		28.58							56.70	68.04	0.98

Leaf Chain

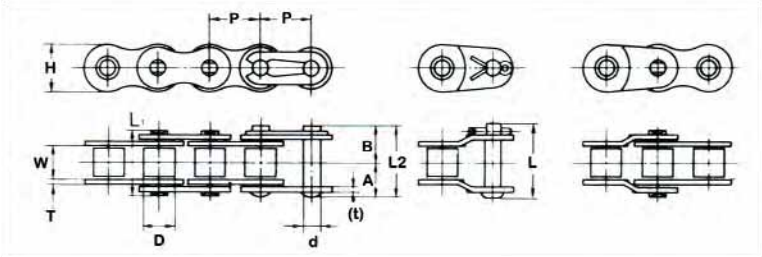


Chain	Pitch	Lacing	h2	T	d2	L	UTS KN	ATS KN	Kg/ft
BL534	15.88	3X4	15.09	2.44	5.96	20.20	48.9	63.6	0.49
BL634	19.05	3X4	18.11	3.30	7.94	27.43	75.6	102.6	0.76
BL834	25.40	3X4	24.13	4.09	9.54	33.76	129.0	143.6	1.15

Stainless Steel Chain

Finer Power Transmissions stocks a range of economy Stainless Steel chain in British Standard, American Standard and Double Pitch.

This economy range of Stainless Steel chain offers a cost saving alternative to more expensive brands.Using SUS304 grade stainless steel in its construction, this chain is food grade quality.

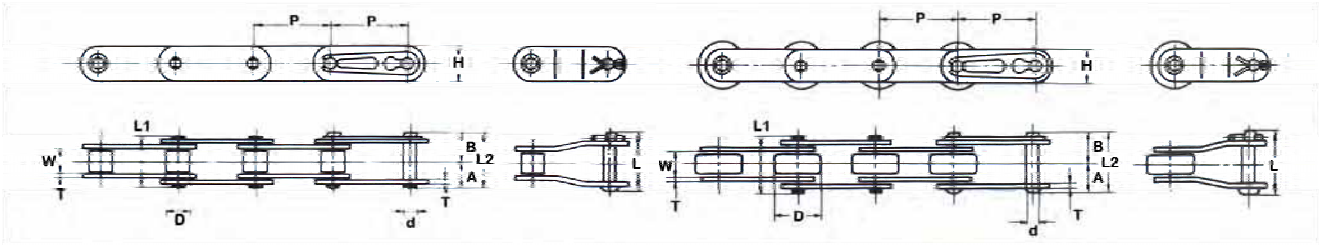


British Standard Stainless Steel

Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		App. Kg/ft	Links Of 1 Unit
				Dia. (d)	A	B	(A+A) L1	(A+B) L2	Offset (L)	Thickness T(t)	Height (H)		
08B-1SS	12.70	7.75	8.51	4.45	8.17	9.58	16.35	17.75	19.30	1.5	11.7	0.2	240
10B-1SS	15.875	9.65	10.16	5.08	9.58	11.02	19.15	20.60	21.95	1.65	14.6	0.29	192
12B-1SS	19.05	11.68	12.07	5.72	11.05	12.55	22.10	23.60	26.30	1.8	16.0	0.38	160

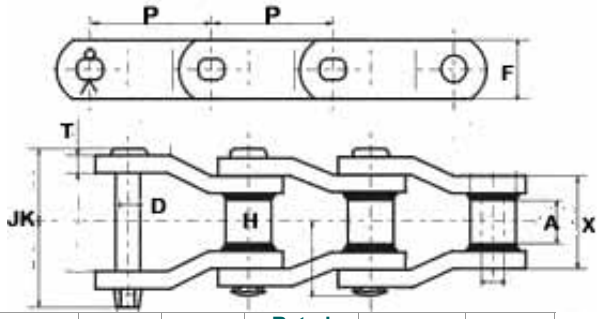
American Standard Stainless Steel

Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		App. Kg/ft	Links Of 1 Unit
				Dia. (d)	A	B	(A+A) L1	(A+B) L2	Offset (L)	Thickness (T)	Height (H)		
40-1SS	12.70	7.95	7.95	3.97	8.07	9.48	16.15	17.55	19.05	1.5	11.7	0.19	240
50-1SS	15.875	9.53	10.16	5.09	10.17	11.63	20.35	21.80	23.05	2.0	14.6	.32	192
60-1SS	19.05	12.70	11.91	5.96	12.7	14.2	25.40	26.90	29.55	2.4	17.5	.46	160



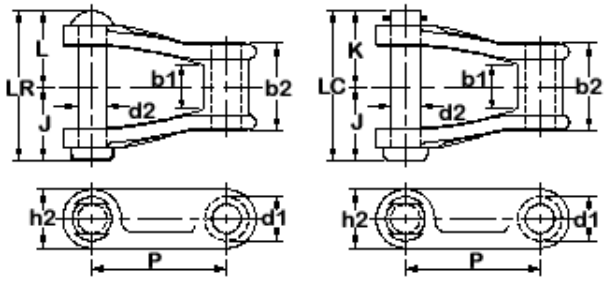
Chain	Pitch (P)	Inner Width (W)	Roller Dia. (D)	Pin						Offset		App. Kg/ft	Links Of 1 Unit
				Dia. (d)	A	B	(A+A) L1	(A+B) L2	Offset (L)	Thickness (T)	Height (H)		
C2040SS	25.40	7.95	7.95	3.97	8.07	10.28	16.15	18.35	19.05	1.5	11.7	0.15	120
C2042SS			15.88									.25	
C2050SS	31.75	9.53	10.16	5.09	10.17	12.13	20.35	22.30	23.05	2.0	14.6	.25	96
C2052SS			19.05									.39	
C2060HSS	38.10	12.70	11.91	5.96	14.35	17.05	28.76	31.40	32.85	3.2	17.5	.45	80
C2062HSS			22.23									.65	
C2080HSS	50.80	15.88	15.88	7.94	17.80	20.90	35.60	38.70	40.40	4.0	23.0	.63	60
C2082HSS			28.58									0.95	

"WH" Welded Chain



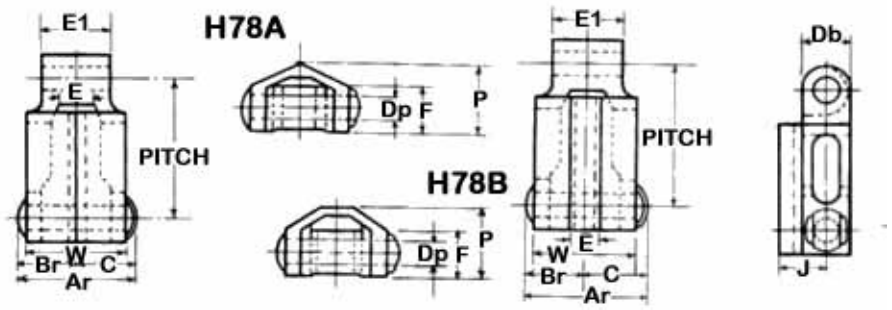
Chain	Pitch mm	Pitch inch	JK	X	D	T	F	H	A	Rated Working Load Lbs	A.T.S Lbs	App Kg/ft
WH78	66.27	2 ½"	76.20	50.80	12.70	6.35	28.57	22.22	28.57	3,000	28,700	1.82
WH132	153.67	6"	158.75	111.12	25.40	12.75	50.80	44.45	73.02	15,300	111,000	6.46

"H" Pintle Chain



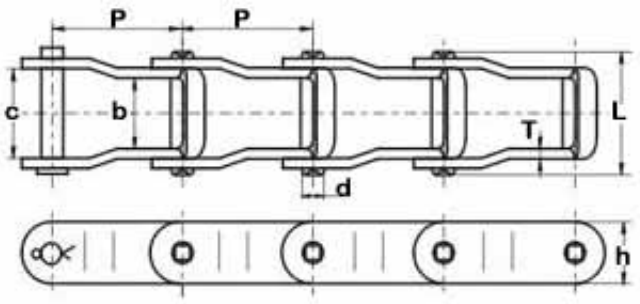
Chain	Pitch mm	Pitch inch	b1	Lr	Lc	h2	d1	J	K	L	b2	App. Kg/ft
H78	66.26	2.609	28.57	80.94	84.12	28.57	22.22	39.67	41.27	41.27	47.62	1.91

Timber Transfer Chain



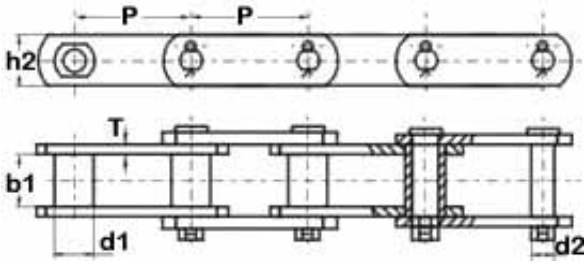
Chain	Pitch mm	Pitch inch	Ar	Br	C	Db	Dp	E	E1	F	J	P	W	Rated Working Load Lbs	A.T.S Lbs	App Kg/ft
H78A H78B	66.26	2.609	95.25	41.27	39.67	22.22	12.7	28.57	47.62	25.4	28.57	42.84	71.42	2,820	20,800	2.31

Steel Pintle Chain



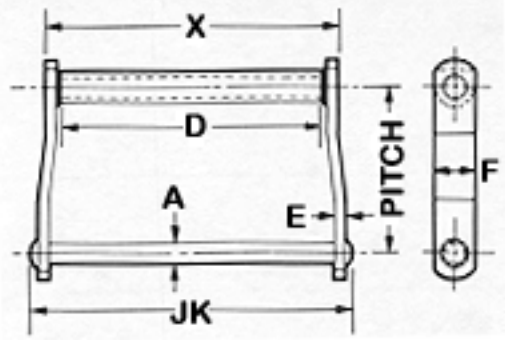
Chain	Pitch	c	b	h	T	d	L	U.T.S KN	A.T.S KN	Kg/ft
662	42.27	30.50	23.20	18.30	3.2	7.16	41.3	37.80	45.360	0.49
667K	57.15	39.20	27.80	26.80	5.1	11.10	55.5	88.90	106.68	1.10
88K	66.27	39.20	27.80	26.80	5.1	11.10	55.55	88.90	106.68	1.08

Engineering Steel Bushing Chain



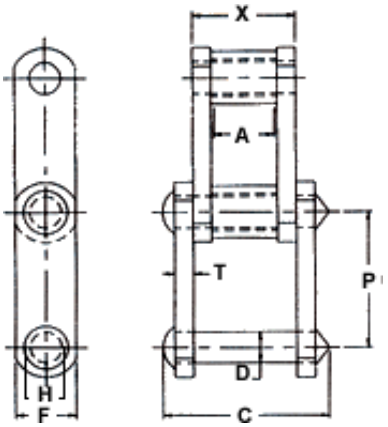
Chain	Pitch mm	Pitch inch	b1	d1	d2	h2	T	U.T.S KN	A.T.S KN
S131	78.10	3	31.7	32.5	15.88	39.6	9.7	160	192.00
S188	66.27		25.6	22.4	12.70	30.0	6.4	102	122.40

Drag Chain



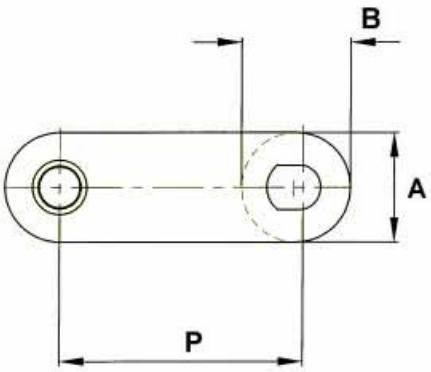
Chain	Pitch mm	Pitch inch	JK	X	A	E	D	F	Rated Working Load Lbs	A.T.S Lbs	App Kg/ft
WD110	152.40	6	301.62	263.52	19.05	9.52	228.60	38.10	8,500	51,000	5.46

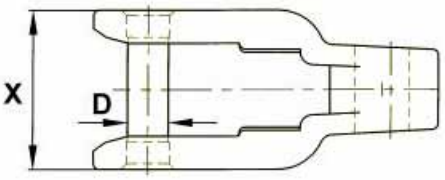
Combination Chain



Chain	Pitch	A	C	D	E	F	H	T	X	App. Kg/ft
C55	41.43	17.45	52.37	9.53	49.99	19.05	18.24	4.75	31.75	0. 91
C188	66.27	23.80	68.25	12.70	63.50	28.58	22.23	6.35	39.67	1. 58
C102B	101.60	50.80	115.87	15.88	111.13	38.10	24.59	9.53	73.81	2. 90

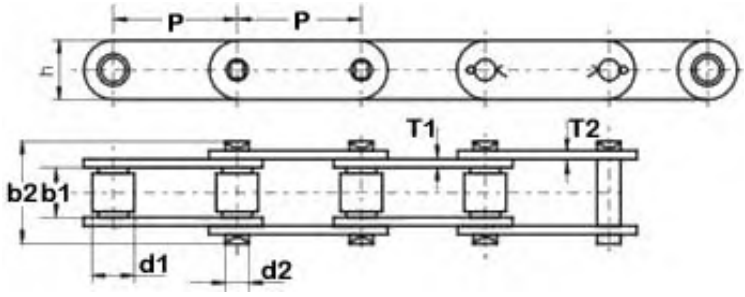
Milk Crate Chain





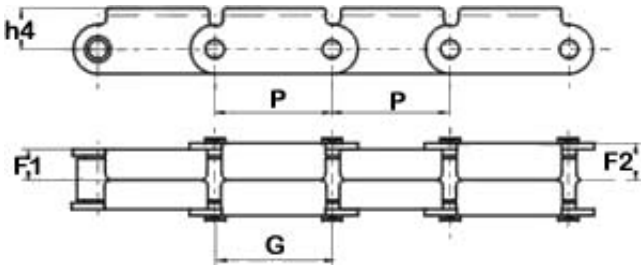
Chain	Pitch	X	D	B	A	Max. Load Lbs	U.T.S Lbs	App. Kg/ft
CC600	64	43	11	13	29	1,850	3,400	0. 6

Lumber Conveyor Chain



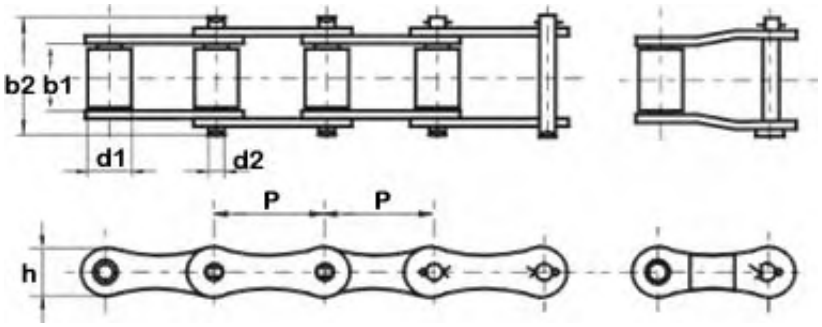
Chain	Pitch	b1	d1	h1	T1	T2	d2	b2	U.T.S KN	A.T.S KN	Kg/ft
81X	66.27	26.99	23.02	28.6	4.0	4.0	11.1	49.0	106.70	128.04	1.11
81XH	66.27	26.99	23.02	31.4	7.5	5.6	11.1	59.2	152.00	182.40	1.70

Roof Top Chain



Chain	Pitch	F1	F2	G	h4
81X RT	66.27	17.5	21.8	56.0	25.4

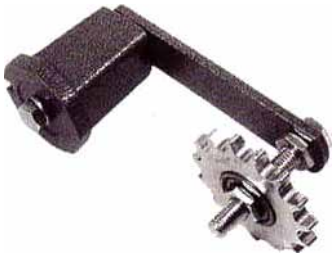
Agricultural Chain



Chain	Pitch	d1	b1	h	d2	b2	UTS KN	ATS KN	KG/ft
S32	29.21	11.43	15.88	13.4	4.45	26.7	8	9.6	0.28
S52	38.1	15.24	22.23	17.2	5.74	36.9	17.8	21.36	0.55
S55	41.4	17.78	22.23	17.2	5.74	36.9	17.8	21.36	0.57
S62	41.91	19.05	25.4	17.2	5.74	40	26.7	32.04	0.66

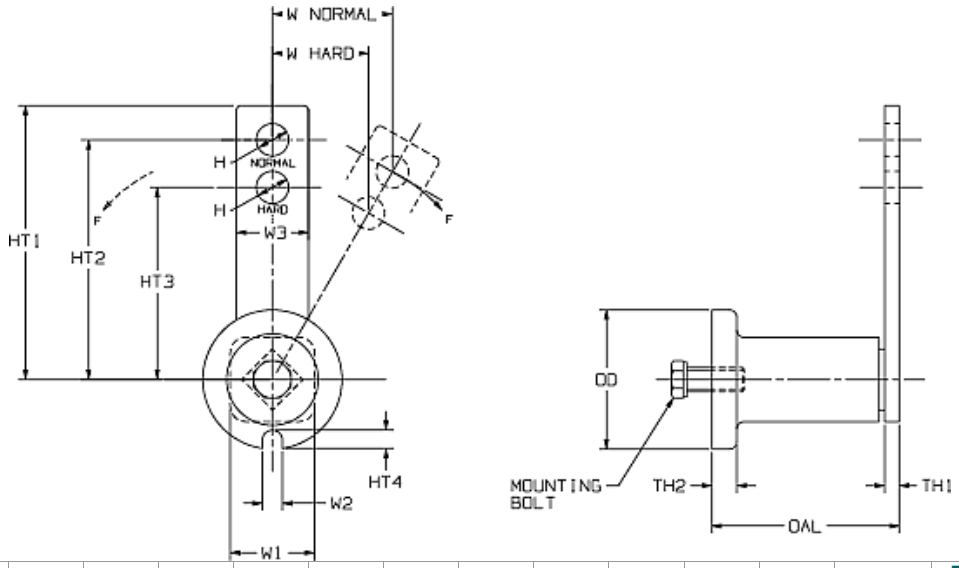
Chain & Belt Tensioners

The Elastomeric Tensioners employ a time proven design, to ensure that both chain and belt drives run under a consistent and uniform tension negating chain and belt stretch.



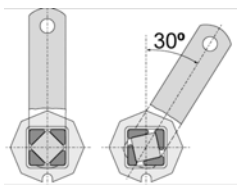
The Elastomeric Tensioner's benefits include:

- A one nut mounting system, which allows for 360º rotation.
- Can be pre-tensioned by up to 30º, this means that as the chain or belt stretches, the tensioner automatically takes up the slack as the elastomeric elements automatically adjust the drives tension.
- Chain and Belt life is increased by as much as 30%.
- Elastomeric parts absorb vibrations and shock loading.
- Maintenance Free – no metal on metal parts, lubrication free.
- Impervious to dust and dirt, temperature -40º to +80º
- Two holes are provided on the arm, allowing two different levels of force to be generated: "normal" and "hard". The "hard" setting deploys approximately 25% more force.



Type	OD	OAL	TH1	HT2	HT3	W3	HT1	W1	W2	TH2	HT4	H	Mounting Bolt	F in n/M 0 - 30°	Weight (kg)
SE11	35	50	5	80	60	20	90	20	7	7	6	8	M6	0-90	0.25
SE15	50	60	5	100	80	30	110	22	8	8	8	10	M8	0-140	0.45
SE18	60	75	6	100	80	40	115	35	9	10	11	10	M10	0-320	0.75
SE27	80	110	8	130	110	50	155	45	10	15	13	12	M12	0-820	1.8
SE38	105	140	10	175	135	65	200	62	13	16	15	20	M16	0-1500	3.7
SE45	115	200	12	220	185	70	260	78	17	18	20	20	M20	0-2500	6.5

Type	Angle of Pretension (Force reqiured in psi)						Mounting Bolt Torque
	10º		20º		30º		
	Normal	Hard	Normal	Hard	Normal	Hard	
SE11	3.4	4.5	9.0	11.9	18.0	23.9	89
SE15	5.6	7.0	14.6	18.2	30.4	37.8	221
SE18	16.9	20.9	40.5	50.6	78.7	98.2	434
SE27	33.8	43.8	85.4	111.1	179.8	233.8	761
SE38	65.3	81.4	164.1	205.0	337.2	421.5	1,859
SE45	112.5	140.5	292.5	365.6	584.5	730.7	3,629



The optimum angle of pretension is 20° the maximum angle is 30°. At 20° the tensioner has maximum capability to absorb vibrations and shock loads, and still have enough arc motion to automatically take up belt or chain stretch.

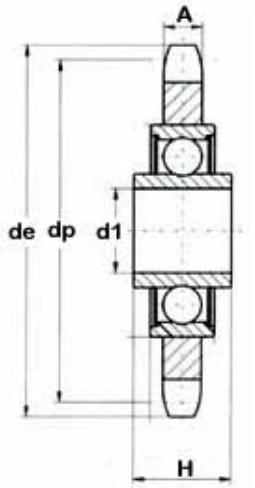
Tensioner Selection		
Chain	Belt	Tensioner
25-1	A	SE11
35-1-2-3	A, B	SE15
35-1-2-3	B, C	SE18
40-1-2-3		
40-3	D, E	SE27
50-1-2-3		
60-1-2-3		
80-1-2-3		SE38
80-3		SE45
100-1-2-3		
120-1-2-3		
140-1-2		
160-1-2		
180-1-2		
200-1-2		

Idler Sprockets

Idler Sprockets in conjunction with Tensioners provide an efficient solution to maintaining smooth running drives, inhibiting the effects of chain stretch and ensuring chains don't jump their drives.

These prefabricated Idler Sprockets employ a standard precision roller bearing.

Available in a range of sizes with pins to suit, this range of Idler Sprockets are designed for use in conjunction with the SE Series Tensioners.



Part No	Pitch	Teeth	de	dp	A	D1	Bolt	H
SE15/SE18-06B-15	3/8"	15	49.5	45.8	5.3	10	10X55	9
SE15/SE18-08B-15	1/2"	15	65.9	61.1	7.2	10	10X55	9
SE27-08B-15	1/2"	15	65.9	61.1	7.2	12	12X80	9
SE27-10B-15	5/8"	15	83.2	76.4	9.1	12	12X80	10
SE27-12B-15	3/4"	15	99.8	91.6	11.1	12	12X80	11.1
SE38-10B-15	5/8"	15	83.2	76.4	9.1	20	20X100	14
SE38-12B-15	3/4"	15	99.8	91.6	11.1	20	20X100	14
SE38-16B-13	1"	13	117.7	106.1	16.2	20	20X100	16
SE45-20B-13	1-1/4"	13	147.5	132.7	18.5	20	20X130	18

Chain Breaker

Finer Chain Breakers offer an easy and convenient way of breaking riveted roller chain links. Suitable for both British Standard and ASA chain.

Two sizes are available in the Finer range;

Finer No.1 Chain Breaker (25-60 Chain Breaker)
Suitable for ¼" – ¾" chain

Finer No.2 Chain Breaker (60-100 Chain Breaker)
Suitable for ¾" – 1 ¼" chain

Tip: To avoid unnecessary bending of link plates, press pins out evenly. Pop the rivet of the first pin and then the second, when both pins have been "cracked", proceed with fully pushing the pins out.

Sprockets Index

"Australia's Only Genuine Wholesaler"

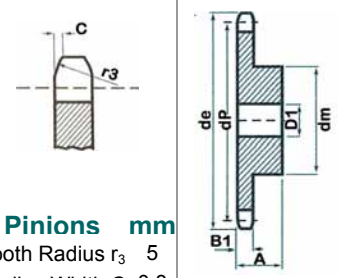
British Standard Sprockets

Finer Power Transmissions stocks a range of British Standard high quality steel sprockets.

Complete with induction hardened teeth, thus improving the sprockets resistance to wear and increasing the spockets working life.

All Finer sprockets are engineered in accordance with the stringent ISO 9000 standards.

05B Sprockets

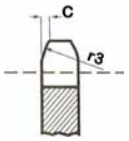
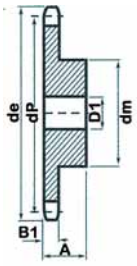
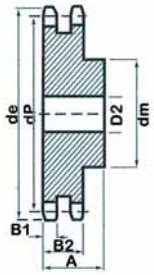


Pinions	mm
Tooth Radius r_3	5
Radius Width C	0.8
Tooth Width B1	2.8
Tooth Width b1	2.7

Chain	mm
Pitch	8
Inside	3
Roller ø	5

Sprocket 05B-1 Teeth	de	dp	Simplex dm	D1	A
9	25.09	23.99	15	6	12
10	28.4	25.89	17	6	12
11	31	28.39	18	7	13
12	33.7	30.91	20	7	13
13	36.7	33.42	23	7	13
14	39.2	35.95	25	7	13
15	41.7	48.48	28	7	13
16	44.2	41.01	30	8	14
17	46.7	43.53	30	8	14
18	49.2	46.07	30	8	14
19	51.7	48.61	30	8	14
20	54.2	51.14	30	8	14
21	57.2	53.67	35	8	14
22	59.2	56.21	35	8	14
23	62.2	58.75	35	8	14
24	64.7	61.29	35	8	14
25	67.2	63.83	35	8	14
26	69.7	66.37	40	10	16
27	72.3	68.91	40	10	16
28	74.7	71.45	40	10	16
30	80.2	76.53	40	10	16
32	85.2	81.61	40	12	16
34	90.2	86.7	40	12	16
36	95.2	91.79	40	12	16
38	100.2	96.88	40	12	16
40	105.2	102	40	12	16
57	149.3	145.2	80	14	20

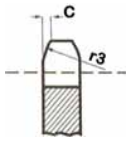
06B Sprockets

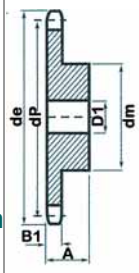
Sprocket 06B-1-2	Teeth	de	dp	Simplex dm	Simplex D1	Simplex A	Simplex App. Kg	Duplex dm	Duplex D2	Duplex A	Duplex App. Kg
  	8	28.6	24.89	15	8	20	0.03				
	9	31.5	27.85	18	8	20	0.04	18	8	25	
	10	34.5	30.82	20	8	20	0.06	20	8	25	0.11
	11	37.5	33.8	22	8	25	0.09	22	10	30	0.13
	12	40.5	36.8	25	8	25	0.10	25	10	30	0.16
	13	43.5	39.8	28	8	25	0.11	28	10	30	0.20
	14	46.5	42.8	31	8	25	0.12	31	10	30	0.25
	15	49.5	45.81	34	8	25	0.14	34	10	30	0.29
	16	52.5	48.82	37	10	28	0.18	37	12	30	0.34
	17	55.5	51.83	40	10	28	0.20	40	12	30	0.39
	18	58.6	54.85	43	10	28	0.23	43	12	30	0.45
	19	61.6	57.87	45	10	28	0.25	46	12	30	0.52
	20	64.6	60.89	46	10	28	0.31	49	12	30	0.59
	21	67.6	63.91	48	12	28	0.36	52	16	30	0.68
	22	70.6	66.93	50	12	28	0.37	55	16	30	0.75
	23	73.7	69.95	52	12	28	0.39	58	16	30	0.80
	24	76.7	72.97	54	12	28	0.40	61	16	30	0.84
	25	79.7	76	57	12	28	0.41	64	16	30	0.89
	26	82.7	79.02	60	12	28	0.42	67	16	30	0.91
	27	85.7	82.04	60	12	28	0.44	70	16	30	1.00
	28	88.8	85.07	60	12	28	0.45	73	16	30	1.07
	29	91.8	88.09	60	12	28	0.47	76	16	30	1.14
	30	94.8	91.12	60	12	28	0.48	79	16	30	1.22
	31	97.9	94.15	65	14	30	0.51				
	32	100.9	97.17	65	14	30	0.56	80	16	30	1.30
	33	103.9	100.2	65	14	30	0.62				
	34	106.9	103.2	65	14	30	0.66				
	35	110	106.3	65	14	30	0.68	80	16	30	1.42
	36	113	109.3	70	16	30	0.71				
	37	116	112.3	70	16	30	0.74				
	38	119	115.3	70	16	30	0.77	90	16	30	1.72
	39	122.1	118.4	70	16	30	0.79				
	40	125.1	121.4	70	16	30	0.81				
	45	140.2	136.5	75	16	30	0.91	90	19	35	2.35
	57	176.6	172.9	75	19	30	1.27	90	19	35	3.47
	76	234.2	230.5	75	19	30	1.91	90	19	38	5.67
	95	291.8	288.1	75	19	30	2.61	95	25	38	8.64
	114	349.4	345.7	75	19	30	3.63	95	25	38	11.12

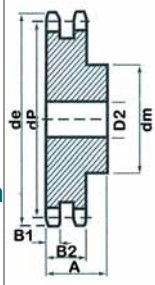
Pinions	mm
Tooth Radius r_3	10
Radius Width C	1
Tooth Width B1	5.3
Tooth Width b1	5.2
Tooth Width B2	15.4

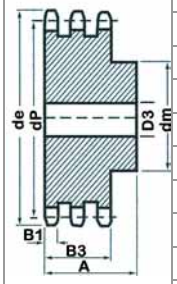
Chain	mm
Pitch	9.525
Inside	5.72
Roller ø	6.35

08B Sprockets









Pinions mm

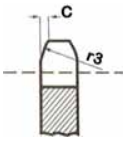
Tooth Radius r_3	13
Radius Width C	1.3
Tooth Width B1	7.2
Tooth Width b1	7
Tooth Width B2	21
Tooth Width B3	34.9

Chain mm

Pitch	12.7
Inside	7.75
Roller ø	8.51

Sprocket 08B-1-2-3			Simplex				Duplex				Triplex			
Teeth	de	dp	dm	D1	A	App. Kg	dm	D2	A	App. Kg	dm	D3	A	App. Kg
8	38	33.18	20	10	25	0.13								
9	42	37.13	24	10	25	0.14	24	10	32	0.18				
10	45.9	41.1	26	10	25	0.15	28	10	32	0.22				
11	49.9	45.07	29	10	25	0.17	32	12	35	0.24				
12	53.9	49.07	33	10	28	0.24	35	12	35	0.26				
13	57.9	53.06	37	10	28	0.25	38	12	35	0.28	38	16	50	0.59
14	61.9	57.07	41	10	28	0.31	42	12	35	0.34	42	16	50	0.72
15	65.9	61.09	45	10	28	0.33	46	12	35	0.36	46	16	50	0.81
16	69.9	65.1	50	12	28	0.37	50	16	38	0.40	50	16	50	0.90
17	74	69.11	52	12	28	0.51	54	16	38	0.44	54	16	50	1.04
18	78	73.14	56	12	28	0.54	58	16	38	0.49	58	16	50	1.22
19	82	77.16	60	12	28	0.65	62	16	38	0.57	62	16	50	1.41
20	86	81.19	64	12	28	0.76	66	16	38	0.65	66	16	50	1.58
21	90.1	85.22	68	14	28	0.82	70	16	40	0.72	70	16	55	1.81
22	94.1	89.24	70	14	28	0.88	70	16	40	0.80	70	16	55	2.03
23	98.1	93.27	70	14	28	1.05	70	16	40	0.83	70	16	55	2.27
24	102.1	97.29	70	14	28	1.07	75	16	40	0.94	75	16	55	2.44
25	106.2	101.3	70	14	28	1.13	80	16	40	0.98	80	16	55	2.54
26	110.2	105.4	70	16	30	1.15	85	16	40	1.04				
27	114.2	109.4	70	16	30	1.19	85	16	40	1.08	85	20	55	2.85
28	118.3	113.4	70	16	30	1.30	90	16	40	1.10	90	20	55	3.16
29	112.3	117.5	80	16	30	1.33	95	16	40	1.14				
30	126.3	121.5	80	16	30	1.36	100	16	40	1.16	95	20	55	3.48
31	130.4	125.5	90	16	30	1.41								
32	134.4	129.6	90	16	30	1.46	100	20	40	1.24				
33	138.4	133.6	90	16	30	1.51								
34	142.5	137.6	90	16	30	1.56	100	20	40	1.33				
35	146.5	141.7	90	16	30	1.61								
36	150.6	145.7	90	16	35	1.69	100	20	40	2.05				
37	154.6	149.8	90	16	35	1.74								
38	158.6	153.8	90	16	35	1.78	100	20	40	2.17	120	25	55	6.49
39	162.7	157.8	90	16	35	1.83								
40	166.7	161.9	90	16	35	1.88	100	20	40	2.28				
42	176.5	170	90	19	35	1.97	110	20	45	2.32				
45	188.6	182.1	90	19	35	2.11	110	20	45	2.49				
48	200.7	194.2	100	19	35	2.76	110	20	45	2.65				
50	208.8	202.3	OA	OA	OA	2.90	OA	OA	OA					
55	229	222.5	OA	OA	OA	3.15								
57	233.1	230.5	100	19	35	3.28	110	25	45	3.88	120	25	60	12.62
60	249.2	242.7	100	19	35	3.45								
76	313.9	307.3	100	19	35	5.73	120	30	45	6.60	130	30	65	22.23
95	390.7	384.1	100	25	35	8.90	120	30	45	9.89				
114	467.4	460.9	100	25	35	11.17	120	30	45	12.88				

10B Sprockets

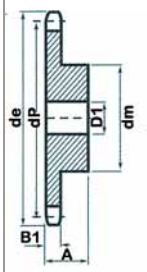


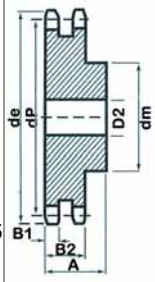
Pinions mm

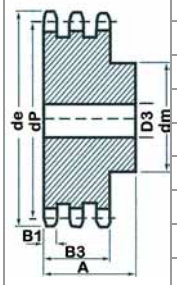
Tooth Radius r_3	16
Radius Width C	1.6
Tooth Width B1	9.1
Tooth Width b1	9
Tooth Width B2	25.5
Tooth Width B3	42.1

Chain mm

Pitch	5.875
Inside	9.65
Roller ø	0.16



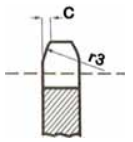


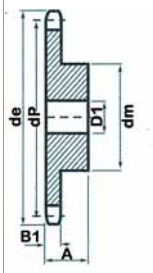


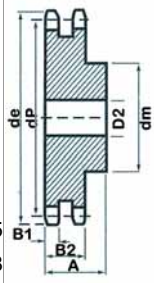
Sprocket 10B-1-2-3	Teeth	de	dp	Simplex dm	Simplex D1	Simplex A	Simplex App. Kg	Duplex dm	Duplex D2	Duplex A	Duplex App. Kg	Triplex dm	Triplex D3	Triplex A	Triplex App. Kg
	8	48.4	41.48	25	10	25	0.09								
	9	53.3	46.42	30	10	25	0.14	30	12	40	0.31				
	10	58.3	51.37	35	10	25	0.23	35	12	40	0.39				
	11	63.2	56.35	37	12	30	0.27	39	16	40	0.44				
	12	68.2	61.34	42	12	30	0.32	44	16	40	0.57				
	13	73.2	66.32	47	12	30	0.36	49	16	40	0.71	49	16	55	1.05
	14	78.2	71.34	52	12	30	0.45	54	16	40	0.84	54	16	55	1.23
	15	83.2	76.36	57	12	30	0.59	59	16	40	1.01	59	16	55	1.38
	16	88.3	81.37	60	12	30	0.68	64	16	45	1.19	64	16	60	1.55
	17	93.3	86.39	60	12	30	0.82	69	16	45	1.38	69	16	60	1.81
	18	98.3	91.42	70	14	30	0.91	74	16	45	1.62	74	16	60	2.09
	19	103.3	96.45	70	14	30	1.04	79	16	45	1.77	79	16	60	2.40
	20	108.4	101.5	75	14	30	1.13	84	16	45	1.93	84	16	60	2.72
	21	113.4	106.5	75	16	30	1.18	85	20	45	2.22	85	20	60	3.04
	22	118.4	111.6	80	16	30	1.27	90	20	45	2.53	90	20	60	3.36
	23	123.5	116.6	80	16	30	1.45	95	20	45	2.77	95	20	60	3.67
	24	128.5	121.6	80	16	30	1.50	100	20	45	2.95				
	25	133.6	126.7	80	16	30	1.59	105	20	45	3.15	105	20	60	4.31
	26	138.6	131.7	85	20	35	1.63	110	20	45	3.42				
	27	143.6	136.8	85	20	35	1.68	110	20	45	3.98				
	28	148.7	141.8	90	20	35	1.72	115	20	45	4.2				
	29	153.7	146.8	90	20	35	1.91	115	20	45	4.43				
	30	158.8	151.9	90	20	35	2.04	120	20	45	4.66				
	31	163.8	156.9	95	20	35	2.13								
	32	168.9	162	95	20	35	2.27	120	20	45	5.16				
	33	173.9	167	95	20	35	2.33								
	34	178.9	172.1	95	20	35	2.36								
	35	184	177.1	95	20	35	2.48	120	20	45	5.98				
	36	189	182.2	100	20	35	2.56								
	37	194.1	187.2	100	20	35	2.68								
	38	199.1	192.2	100	20	35	2.72	120	20	45	7.67	120	25	60	11.03
	39	204.2	197.3	100	20	35	2.86								
	40	209.2	202.3	100	20	35	2.95	120	20	45	7.92				
	42	220.8	212.4	OA	OA	OA	3.01								
	45	236	227.6	OA	OA	OA	3.73	OA	OA	OA	9.21				
	48	251.1	242.7	OA	OA	OA	4.18								
	50	261.2	252.8	OA	OA	OA	4.40								
	55	286.5	278.1	OA	OA	OA	4.96								
	57	296.6	288.2	OA	OA	OA	5.27	OA	OA	OA	15.07				
	60	311.7	303.3	OA	OA	OA	5.9								
	76	392.5	384.2	OA	OA	OA	11.03	OA	OA	OA	26.31				
	95	488.5	480.1	OA	OA	OA	14.57	OA	OA	OA	32.69				
	114	584.5	576.1	OA	OA	OA	20.61	OA	OA	OA	49.3				

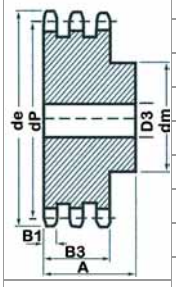
12B Sprockets

Sprocket 12B-1-2-3	Teeth	de	dp	Simplex dm	Simplex D1	Simplex A	Simplex App. Kg	Duplex dm	Duplex D2	Duplex A	Duplex App. Kg	Triplex dm	Triplex D3	Triplex A	Triplex App. Kg
	8	58	49.78	31	12	30									
	9	63.9	55.7	37	12	30		37	16	45	0.75				
	10	69.8	61.64	42	12	30		42	16	45	0.90				
	11	75.8	67.61	46	16	35	0.53	47	16	50	1.00	47	20	70	1.13
	12	81.8	73.6	52	16	35	0.67	53	16	50	1.23	53	20	70	1.50
	13	87.8	79.59	58	16	35	0.75	59	16	50	1.41	59	20	70	1.77
	14	93.8	85.61	64	16	35	0.91	65	20	50	1.68				
	15	99.8	91.63	70	16	35	1.14	71	20	50	1.95	71	20	70	2.45
	16	105.8	97.65	75	16	35	1.27	77	20	50	2.27	77	20	70	2.95
	17	111.9	103.7	80	16	35	1.46	83	20	50	2.63	83	20	70	3.49
	18	117.9	109.7	80	16	35	1.69	89	20	50	3.18	89	20	70	3.86
	19	123.9	115.8	80	16	35	1.78	95	20	50	3.50	95	20	70	4.54
	20	130	121.8	80	16	35	2.10	100	20	50	3.72	100	20	70	5.08
	21	136	127.8	90	20	40	2.27	100	20	50	4.31	100	25	70	5.67
	22	142	133.9	90	20	40	2.38	100	20	50	4.77	100	25	70	5.99
	23	148.1	139.9	90	20	40	2.49	110	20	50	4.99	110	25	70	6.62
	24	154.1	145.9	90	20	40	2.62	110	20	50	5.45	110	25	70	7.17
	25	160.2	152	90	20	40	2.78	120	20	50	5.67	120	25	70	7.71
	26	166.2	158	95	20	40	2.89	120	20	50	6.13				
	27	172.3	164.1	95	20	40	3.05	120	20	50	6.49	120	25	70	8.99
	28	178.3	170.1	95	20	40	3.12	120	20	50	6.81				
	29	184.4	176.2	95	20	40	3.30	120	20	50	7.13				
	30	190.4	182.3	95	20	40	3.44	120	20	50	7.49	120	25	70	10.53
	31	196.5	188.3	95	20	40	3.50								
	32	202.5	194.4	95	20	40	3.75								
	33	208.6	200.4	95	20	40	3.82								
	34	214.6	206.5	95	20	40	3.99								
	35	220.7	212.5	95	20	40	4.10	120	20	50	10.18				
	36	226.8	218.6	100	25	40	4.35	120	25	50	12.31				
	37	232.8	224.6	100	25	40	4.64								
	38	238.9	230.1	100	25	40	4.92	120	25	50	12.99	130	25	70	20.57
	39	244.9	236.8	100	25	40	5.15								
	40	251	242.8	100	25	40	5.22								
	42	265	254.9	OA	OA	OA	5.78								
	45	283.2	273.1	OA	OA	OA	6.34	OA	OA	OA	15.38	OA	OA	OA	24.36
	48	301.4	291.3	OA	OA	OA	7.18								
	50	313.5	303.4	OA	OA	OA	8.01								
	55	343.8	333.7	OA	OA	OA	9.90								
	57*	355.9	345.8	OA	OA	OA	10.10	OA	OA	OA	25.34	OA	OA	OA	33.73
	60	374.1	364	OA	OA	OA	11.44								
	76*	471.1	461	OA	OA	OA	17.26	OA	OA	OA	25.63	OA	OA	OA	37.19
	95	586.2	576.2	OA	OA	OA	23.83	OA	OA	OA	39.24				





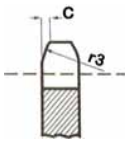


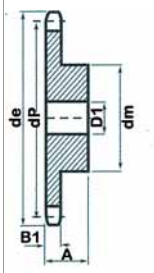


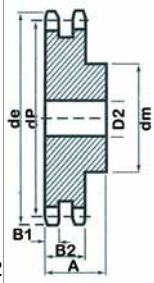
Pinions	mm
Tooth Radius r_3	19
Radius Width C	2
Tooth Width B1	11.1
Tooth Width b1	10.8
Tooth Width B2	30.3
Tooth Width B3	49.8

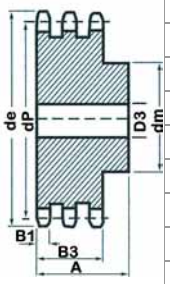
Chain	mm
Pitch	19.05
Inside	11.68
Roller ø	12.07

16B Sprockets









Pinions mm

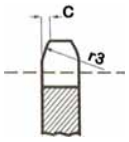
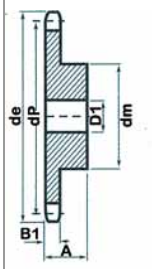
Tooth Radius r_3 26
Radius Width C 2.5
Tooth Width B1 16.2
Tooth Width b1 15.8
Tooth Width B2 47.7
Tooth Width B3 79.6

Chain mm

Pitch 25.4
Inside 17.02
Roller ø 15.88

Sprocket 16B-1-2-3	Teeth	de	dp	Simplex				Duplex				Triplex			
				dm	D1	A	App. Kg	dm	D2	A	App. Kg	dm	D3	A	App. Kg
	8	77.9	66.37	42	16	35	0.95								
	9	85.8	74.27	50	16	35	1.20	50	20	65					
	10	93.8	82.19	55	16	35	1.35	56	20	65					
	11	101.7	90.14	61	16	40	1.45	64	20	70	1.82				
	12	109.7	98.14	69	16	40	1.82	72	20	70	2.36				
	13	117.7	106.1	78	16	40	1.94	80	20	70	1.95	80	25	100	4.13
	14	125.7	114.2	84	16	40	2.09	88	20	70	3.5				
	15	133.7	122.2	92	16	40	2.59	96	20	70	4.18	96	25	100	5.54
	16	141.8	130.2	100	20	45	3.00	104	25	70	5.22				
	17	149.8	138.2	100	20	45	3.18	112	25	70	5.99	112	25	100	8.07
	18	157.8	146.3	100	20	45	3.77	120	25	70	6.81				
	19	165.9	154.4	100	20	45	3.86	128	25	70	7.71	128	25	100	10.89
	20	173.9	162.4	100	20	45	4.09	130	25	70	8.26				
	21	182	170.4	110	20	50	4.54	130	25	70	8.85	130	25	100	13.61
	22	190.1	178.5	110	20	50	5.00	130	25	70	9.53				
	23	198.1	186.5	110	20	50	5.08	130	25	70	10.43	130	25	100	14.97
	24	206.2	194.6	110	20	50	5.54	130	25	70	11.44				
	25	214.2	202.7	110	20	50	5.76	130	25	70	12.47	130	25	100	17.70
	26	222.3	210.7	120	20	50	7.03	130	25	70	13.62				
	27	230.4	218.8	120	20	50	7.53	130	25	70	14.75	130	30	100	21.57
	28	238.4	226.9	120	20	50	7.58	130	25	70	15.89				
	29	246.5	234.9	120	20	50	7.94	130	25	70	17.02				
	30	254.6	243	120	20	50	8.26	130	25	70	18.16	130	30	100	26.33
	31	262.6	251.1	120	25	50	8.62								
	32	270.7	259.1	120	25	50	8.98								
	33	278.8	267.2	120	25	50	9.33								
	34	286.9	275.3	120	25	50	9.69								
	35	294.9	283.4	120	25	50	10.05	140	25	70	22.27				
	36	303	291.4	120	25	50	10.41								
	37	311.1	299.5	120	25	50	10.78								
	38	319.2	307.6	120	25	50	11.12	140	25	70	29.60	140	30	100	41.45
	39	327.2	315.7	120	25	50	11.48								
	40	335.3	323.4	120	25	50	11.83								
	45	377.9	364.1	OA	OA	OA	13.62	OA	OA	OA	34.35	OA	OA	OA	45.00
	57*	474.9	461.1	OA	OA	OA	22.16	OA	OA	OA	38.18	OA	OA	OA	51.35
	76*	628.4	614.7	OA	OA	OA	39.24	OA	OA	OA	68.11	OA	OA	OA	77.11
	95	782	768.2	OA	OA	OA	57.12								
	114	935.6	921.8	OA	OA	OA	75.00								

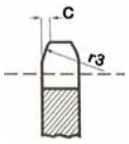
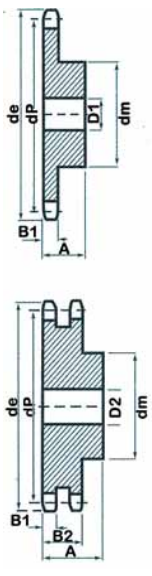
20B Sprockets

Sprocket 20B-1-2	Teeth	de	dp	Simplex dm	Simplex D1	Simplex A	Simplex App. Kg	Duplex dm	Duplex D2	Duplex A	Duplex App. Kg
 	9	106.5	92.84	63	20	40	1.45				
	10	117	102.7	70	20	40	1.86				
	11	127	112.7	77	20	45	2.40	80	25	80	3.67
	12	137	122.7	88	20	45	2.95				
	13	147.5	132.7	98	20	45	3.00	100	25	80	5.53
	14	157.6	142.7	108	20	45	3.40	110	25	80	6.62
	15	167.6	152.7	118	20	45	4.31	120	25	80	7.76
	16	177.7	162.8	120	25	50	4.63				
	17	187.8	172.8	120	25	50	4.99	120	30	80	10.44
	18	197.8	182.9	120	25	50	5.44				
	19	207.9	192.9	120	25	50	5.9	120	30	80	12.92
	20	217.9	203	120	25	50	6.35				
	21	228	213	140	30	55	7.03	140	30	80	16.55
	22	238.1	223.1	140	30	55	7.71				
	23	248.2	233.2	140	30	55	8.16	140	30	80	19.05
	24	258.3	243.2	140	30	55	8.62				
	25	268.4	253.3	140	30	55	9.07	140	30	80	21.77
	26	278.4	263.4	150	30	55	9.53				
	27	288.5	273.5	150	30	55	10.43	150	30	80	24.97
	28		283.6				11.34				
	30		303.8				12.02				
	38		384.5				18.82				

Pinions	mm
Tooth Radius r_3	32
Radius Width C	3.5
Tooth Width B1	18.5
Tooth Width b1	18.2
Tooth Width B2	54.6
Tooth Width B3	91

Chain	mm
Pitch	31.75
Inside	19.56
Roller ø	19.05

24B Sprockets

Sprocket 24B-1-2	Teeth	de	dp	Simplex dm	Simplex D1	Simplex A	Simplex App. Kg	Duplex dm	Duplex D2	Duplex A	Duplex App. Kg
 	9	125	111.4	70	25	95	2.02				
	10	137	123.3	80	25	95	2.61				
	11	149	135.2	90	25	100	3.77	90	25	100	6.50
	12	161	147.2	102	25	100	4.77				
	13	137	159.2	114	25	100	5.91	114	25	100	9.92
	14	185	171.2	128	25	100	6.68	128	25	100	11.98
	15	197	183.3	132	25	100	7.49	132	25	100	14.13
	16	209	195.3	136	30	100	9.08	136	30	100	16.35
	17	221	207.3	136	30	100	9.76	136	30	100	17.85
	18	233	219.4	160	30	100	10.49	160	30	100	20.35
	19	245.5	231.5	160	30	100	11.21	160	30	100	22.56
	20	257.5	243.6	160	30	100	12.26	160	30	100	24.78
	21	270.5	255.7	160	30	100	13.38	160	30	100	26.99
	22	282.5	267.7	160	30	100	13.67	160	30	100	29.74
	23	294.5	279.8	160	30	100	14.74				
	25	319	304	160	30	100	16.38				

Pinions	mm
Tooth Radius r_3	38
Radius Width C	4
Tooth Width B1	21.1
Tooth Width b1	23.6
Tooth Width B2	72
Tooth Width B3	20.3

Chain	mm
Pitch	38.1
Inside	25.4
Roller ø	25.4

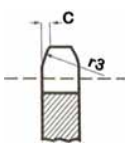
ASA Sprockets

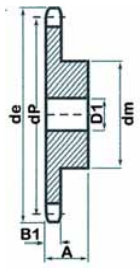
Finer Power Transmissions stocks a range of ASA high quality steel sprockets.

Complete with induction hardened teeth, thus improving the sprockets resistance to wear and increasing the spockets working life.

All Finer sprockets are engineered in accordance with the stringent ISO 9000 standards.

25-1 Sprocket



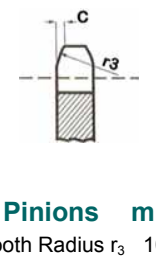


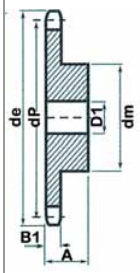
Pinions	mm
Tooth Radius r_3	6
Radius Width C	0.6
Tooth Width B1	2.9

Chain	mm
Pitch	6.35
Inside	3.18
Roller ø	3.3

Sprocket 25-1			Simplex		
Teeth	de	dp	dm	D1	A
9	18.1	16.59	10	5	15
10	22.3	20.55	11	5	15
11	24.3	22.54	14	6	15
12	26.4	24.33	16	6	15
13	28.5	26.53	18	6	15
14	30.5	28.53	20	6	15
15	32.5	30.55	22	6	15
16	34.5	32.55	24	8	15
17	36.5	34.55	26	8	15
18	38.5	36.56	28	8	15
19	40.5	38.58	30	8	15
20	42.5	40.58	32	8	15
21	44.6	42.60	34	8	15
22	46.6	44.62	36	8	15
23	48.6	46.63	38	8	15
24	50.6	48.64	40	8	15
25	52.6	50.66	42	8	18
26	54.6	52.67	44	10	18
27	54.6	54.69	46	10	18
28	58.7	56.71	48	10	18
29	60.7	58.73	48	10	18
30	62.7	60.75	48	12	18
35	72.8	70.84	50	12	18
38	78.8	76.89	50	12	18
45	93.0	91.03	OA	OA	OA
57	117.2	115.27	OA	OA	OA
76	155.6	153.66	OA	OA	OA

35-1 Sprocket



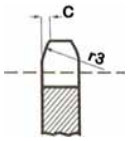


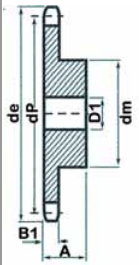
Pinions	mm
Tooth Radius r_3	10
Radius Width C	1.2
Tooth Width B1	4.3

Chain	mm
Pitch	9.525
Inside	4.77
Roller ø	5.08

Sprocket 35-1	Teeth	de	dp	Simplex dm	D1	A	App. Kg
	9	28.6	24.89	15	8	20	0.04
	10	31.5	27.85	18	8	20	0.06
	11	34.5	20.82	20	8	20	0.09
	12	40.5	36.8	25	8	25	0.10
	13	43.5	39.80	28	8	25	0.11
	14	46.5	42.80	31	8	25	0.12
	15	49.5	45.81	34	8	25	0.14
	16	52.5	48.82	37	10	28	0.18
	17	55.5	51.83	40	10	28	0.20
	18	58.6	54.85	43	10	28	0.23
	19	61.6	57.87	45	10	28	0.25
	20	64.6	60.89	46	10	28	0.31
	21	67.6	63.91	48	12	28	0.36
	22	70.6	66.93	50	12	28	0.37
	23	73.7	69.95	52	12	28	0.39
	24	76.7	72.97	54	12	28	0.40
	25	79.7	76.00	57	12	28	0.41
	26	82.7	79.02	60	12	28	0.42
	27	85.7	82.04	60	12	28	0.44
	28	88.8	85.07	60	12	28	0.45
	29	91.8	88.09	60	12	28	0.47
	30	94.8	91.12	60	12	28	0.48
	38	119.0	115.34	70	16	30	0.77
	40	125.1	121.40	70	16	30	0.81
	57	177.5	172.91	OA	OA	OA	1.27
	60	186.6	181.99	OA	OA	OA	1.34

40-1 Sprocket





Pinions	mm
Tooth Radius r_3	13.5
Radius Width C	1.6
Tooth Width B1	7.2

Chain	mm
Pitch	12.7
Inside	7.94
Roller ø	7.94

Sprocket 40-1 Teeth	de	dp	Simplex dm	D1	A	App. Kg
9	43.2	37.13	24	10	25	0.14
10	47.2	41.10	26	10	25	0.15
11	51.2	45.07	29	10	25	0.17
12	55.2	49.07	33	10	28	0.24
13	59.2	53.06	37	10	28	0.25
14	63.2	57.07	41	10	28	0.31
15	67.2	61.09	45	10	28	0.33
16	71.2	65.10	50	12	28	0.37
17	75.2	69.11	52	12	28	0.51
18	79.2	73.14	56	12	28	0.54
19	83.3	77.16	60	12	28	0.65
20	87.3	81.19	64	12	28	0.76
21	91.3	85.22	68	14	28	0.82
22	95.4	89.24	70	14	28	0.88
23	99.4	93.27	70	14	28	1.05
24	103.4	97.29	70	14	28	1.07
25	107.4	101.33	70	14	28	1.13
26	111.5	105.36	70	16	30	1.15
27	115.5	109.40	70	16	30	1.19
28	119.5	113.42	70	16	30	1.30
29	123.6	117.46	80	16	30	1.33
30	127.6	121.50	80	16	30	1.36
32	135.7	129.56	90	16	30	1.46
35	147.8	141.68	90	16	30	1.61
38	159.9	153.80	90	16	35	1.78
40	168.0	161.87	90	16	35	1.88
42	176.6	169.95	OA	OA	OA	1.97
50	208.9	202.26	OA	OA	OA	3.00
55	229.1	222.46	OA	OA	OA	3.14
57	237.2	230.54	OA	OA	OA	3.28
60	249.3	242.66	OA	OA	OA	3.45

60-1 Sprocket

Sprocket 60-1	Teeth	de	dp	Simplex dm	D1	A	App. Kg
	9	64.0	55.70	37	12	30	0.35
	10	70.0	61.64	42	12	30	0.41
	11	76.0	67.61	46	16	35	0.53
	12	81.9	73.6	52	16	35	0.67
	13	87.9	79.59	58	16	35	0.75
	14	94.0	85.61	64	16	35	0.91
	15	100.0	91.63	70	16	35	1.14
	16	106.0	97.65	75	16	35	1.27
	17	112.0	103.67	80	16	35	1.46
	18	118.0	109.71	80	16	35	1.69
	19	124.1	115.75	80	16	35	1.78
	20	130.1	121.78	80	16	35	2.10
	21	136.2	127.82	90	20	40	2.27
	22	142.2	133.86	90	20	40	2.38
	23	148.2	139.90	90	20	40	2.49
	24	154.3	145.94	90	20	40	2.62
	25	160.3	152.00	90	20	40	2.78
	26	166.4	158.04	95	20	40	2.89
	27	172.4	164.09	95	20	40	3.05
	28	178.5	170.13	95	20	40	3.12
	29	184.5	176.19	95	20	40	3.30
	30	190.6	182.25	95	20	40	3.44
	32	202.7	194.35	95	20	40	3.75
	34	214.8	206.46	95		40	3.99
	38	239.0	230.69	100	25	40	4.92
	40	251.1	242.81	100	25		5.22

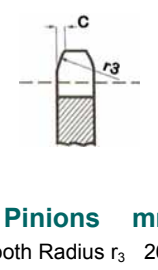
Pinions mm

Tooth Radius r_3	20
Radius Width C	2.4
Tooth Width B1	11.6

Chain mm

Pitch	19.05
Inside	12.7
Roller ø	11.91

80-1 Sprocket

Sprocket 80-1	Teeth	de	dp	Simplex dm	D1	A	App. Kg
	9	85.8	72.47	50	16	35	
	10	93.8	22.19	55	16	35	
	11	101.7	90.14	61	16	40	1.45
	12	109.7	98.14	69	16	40	1.82
	13	117.7	106.12	78	16	40	1.92
	14	125.7	114.15	84	16	40	2.09
	15	133.7	122.17	92	16	40	2.59
	16	141.8	130.20	100	20	45	3.00
	17	149.8	138.22	100	20	45	3.18
	18	157.8	146.28	100	20	45	3.77
	19	165.9	154.33	100	20	45	3.86
	20	173.9	162.38	100	20	45	4.09
	21	182.0	170.43	110	20	50	4.54
	22	190.1	178.48	110	20	50	4.99
	23	198.1	186.53	110	20	50	5.08
	38	319.2	307.59	120	25	50	11.12

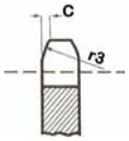
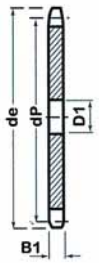
Pinions mm

Tooth Radius r_3	26
Radius Width C	2.5
Tooth Width B1	16.2
Tooth Width b1	15.8
Tooth Width B2	47.7
Tooth Width B3	79.6

Chain mm

Pitch	25.4
Inside	17.02
Roller ø	15.88

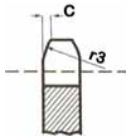
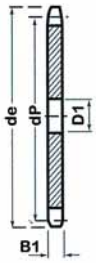
06A Plate Wheel

Plate Wheel 06A-1		Teeth	de	dp	D1	App. Kg
		11	37.5	33.8	8	0.05
		12	40.5	36.8	8	0.05
		13	43.5	39.8	8	0.05
		14	46.5	42.8	8	0.06
		15	49.5	45.81	8	0.07
		16	52.5	48.82	10	0.08
		17	55.5	51.83	10	0.10
		18	58.6	54.85	10	0.11
		19	61.6	57.87	10	0.12
		20	64.6	60.89	10	0.13
		21	67.6	63.91	12	0.14
		22	70.6	66.93	12	0.15
		23	73.7	69.95	12	0.17
		24	76.7	72.97	12	0.19
		25	79.7	76	12	0.20
		26	82.7	79.02	12	0.21
		27	85.7	82.04	12	0.22
		28	88.8	85.07	12	0.23
		29	91.8	88.09	12	0.25
		30	94.8	91.12	12	0.27
		31	97.9	94.15	14	0.22
		32	100.9	97.17	14	0.24
		33	103.9	100.2	14	0.25
		34	106.9	103.2	14	0.26
		35	110	106.3	14	0.27
		36	113	109.3	16	0.28
		37	116	112.3	16	0.35
		38	119	115.3	16	0.43
		39	112.1	118.4	16	0.44
		40	125.1	121.4	16	0.45
		45	118.6	114.7	16	0.51
		57	149.3	145.2	20	0.86
		76	197.9	193.6	20	1.45
		95	246.3	242	25	2.00
		114	294.8	290.3	25	3.00

Pinions	mm
Tooth Radius r_3	10
Radius Width C	1
Tooth Width B1	5.3

Chain	mm
Pitch	9.525
Inside	5.72
Roller ø	6.35

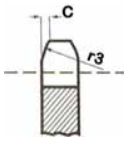
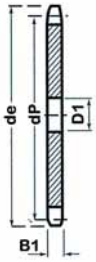
08A Plate Wheel

Plate Wheel 08A-1		Teeth	de	dp	D1	App. Kg
		11	49.9	45.07	10	0.06
		12	53.9	49.07	10	0.08
		13	57.9	53.06	10	0.10
		14	61.9	57.07	10	0.12
		15	65.9	61.09	10	0.14
		16	69.9	65.1	12	0.15
		17	74	69.11	12	0.16
		18	78	73.14	12	0.2
		19	82	77.16	12	0.21
		20	86	81.19	12	0.25
		21	90.1	85.22	14	0.26
		22	94.1	89.24	14	0.30
		23	98.1	93.27	14	0.33
		24	102.1	97.29	14	0.37
		25	106.2	101.3	14	0.40
		26	110.2	105.4	16	0.43
		27	114.2	109.4	16	0.44
		28	118.3	113.4	16	0.50
		29	112.3	117.5	16	0.55
		30	126.3	121.5	16	0.57
		31	130.4	125.5	16	0.64
		32	134.4	129.6	16	0.67
		33	138.4	133.6	16	0.71
		34	142.5	137.6	16	0.74
		35	146.5	141.7	16	0.77
		36	150.6	145.7	16	0.83
		37	154.6	149.8	16	0.87
		38	158.6	153.8	16	0.91
		39	162.7	157.8	16	0.92
		40	166.7	161.9	16	1.01
		42	176.5	170	20	1.13
		45	188.6	182.1	20	1.43
		48	200.7	194.2	20	1.46
		50	208.8	202.3	20	1.80
		55	229	222.5	20	2.10
		57	233.1	230.5	20	2.27
		60	249.2	242.7	20	2.37
		65	269.4	262.86	25	2.17
		70	289.6	283.07	25	3.10
		76	313.9	307.3	25	3.50

Pinions	mm
Tooth Radius r_3	13
Radius Width C	1.3
Tooth Width B1	7.2

Chain	mm
Pitch	12.7
Inside	7.75
Roller ø	8.51

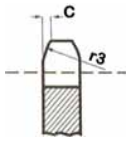
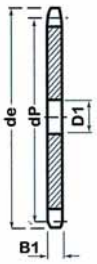
10A Plate Wheel

Plate Wheel 10A-1		Teeth	de	dp	D1	App. Kg
		11	63.2	56.35	12	0.11
		12	68.2	61.34	12	0.15
		13	73.2	66.32	12	0.19
		14	78.2	71.34	12	0.23
		15	83.2	76.36	12	0.25
		16	88.3	81.37	12	0.31
		17	93.3	86.39	12	0.35
		18	98.3	91.42	14	0.39
		19	103.3	96.45	14	0.43
		20	108.4	101.5	14	0.48
		21	113.4	106.5	16	0.51
		22	118.4	111.6	16	0.59
		23	123.5	116.6	16	0.65
		24	128.5	121.6	16	0.68
		25	133.6	126.7	16	0.73
		26	138.6	131.7	20	0.78
		27	143.6	136.8	20	0.89
		28	148.7	141.8	20	0.93
		29	153.7	146.8	20	1.07
		30	158.8	151.9	20	1.15
		31	163.8	156.9	20	1.27
		32	168.9	162	20	1.32
		33	173.9	167	20	1.42
		34	178.9	172.1	20	1.45
		35	184	177.1	20	1.51
		36	189	182.2	20	1.73
		37	194.1	187.2	20	1.81
		38	199.1	192.2	20	1.88
		39	204.2	197.3	20	2.00
		40	209.2	202.3	20	2.02
		42	220.8	212.4	25	2.26
		45	236	227.6	25	2.69
		48	251.1	242.7	25	2.98
		50	261.2	252.8	25	3.22
		55	286.5	278.1	25	3.88
		57	296.6	288.2	25	4.25
		60	311.7	303.3	25	4.90
		65	337.0	328.58	25	5.50
		70	362.2	353.84	25	6.35
		72	372.3	363.95	25	6.91
		76	392.5	384.2	25	9.11

Pinions	mm
Tooth Radius r_3	16
Radius Width C	1.6
Tooth Width B1	9.1

Chain	mm
Pitch	5.875
Inside	9.65
Roller ø	0.16

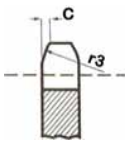
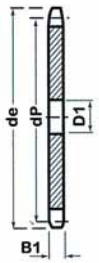
12A Plate Wheel

Plate Wheel 12A-1		Teeth	de	dp	D1	App. Kg
		8	58	49.78	12	0.15
		9	63.9	55.7	12	0.22
		10	69.8	61.64	12	0.28
		11	75.8	67.61	16	0.36
		12	81.8	73.6	16	0.42
		13	87.8	79.59	16	0.48
		14	93.8	85.61	16	0.54
		15	99.8	91.63	16	0.60
		16	105.8	97.65	16	0.68
		17	111.9	103.7	16	0.77
		18	117.9	109.7	16	0.85
		19	123.9	115.8	16	0.95
		20	130	121.8	16	1.08
		21	136	127.8	20	1.15
		22	142	133.9	20	1.24
		23	148.1	139.9	20	1.33
		24	154.1	145.9	20	1.47
		25	160.2	152	20	1.63
		26	166.2	158	20	1.72
		27	172.3	164.1	20	1.91
		28	178.3	170.1	20	1.99
		29	184.4	176.2	20	2.28
		30	190.4	182.3	20	2.44
		31	196.5	188.3	20	2.49
		32	202.5	194.4	20	2.62
		33	208.6	200.4	20	2.77
		34	214.6	206.5	20	2.91
		35	220.7	212.5	20	3.19
		36	226.8	218.6	25	3.21
		37	232.8	224.6	25	3.52
		38	238.9	230.1	25	3.67
		39	244.9	236.8	25	3.87
		40	251	242.8	25	4.00
		42	265	254.9	25	4.53
		45	283.2	273.1	25	5.14
		48	301.4	291.3	25	5.75
		50	313.5	303.4	25	6.45
		55	343.8	333.7	25	7.43
		57	355.9	345.8	25	8.11
		60	374.1	364	25	9.19
		65	404.4	394.29	25	10.65
		70	434.7	424.60	30	12.45
		72	446.8	436.74	30	13.22
		76	471.1	461	30	14.78
		95	586.2	576.2	30	23.46

Pinions	mm
Tooth Radius r_3	16
Radius Width C	1.6
Tooth Width B1	9.1

Chain	mm
Pitch	5.875
Inside	9.65
Roller ø	0.16

16A Plate Wheel

Plate Wheel 16A-1		Teeth	de	dp	D1	App. Kg
		8	77.9	66.37	16	0.40
		9	85.8	74.27	16	0.54
		10	93.8	82.19	16	0.68
		11	101.7	90.14	16	0.82
		12	109.7	98.14	16	0.91
		13	117.7	106.1	16	1.04
		14	125.7	114.2	16	1.22
		15	133.7	122.2	16	1.36
		16	141.8	130.2	20	1.54
		17	149.8	138.2	20	1.81
		18	157.8	146.3	20	2.00
		19	165.9	154.4	20	2.13
		20	173.9	162.4	20	2.49
		21	182	170.4	20	2.63
		22	190.1	178.5	20	2.82
		23	198.1	186.5	20	3.04
		24	206.2	194.6	20	3.45
		25	214.2	202.7	20	3.63
		26	222.3	210.7	20	3.90
		27	230.4	218.8	20	4.31
		28	238.4	226.9	20	4.58
		29	246.5	234.9	20	4.81
		30	254.6	243	20	5.22
		31	262.6	251.1	25	5.56
		32	270.7	259.1	25	5.90
		33	278.8	267.2	25	6.24
		34	286.9	275.3	25	6.58
		35	294.9	283.4	25	6.92
		36	303	291.4	25	7.26
		37	311.1	299.5	25	7.60
		38	319.2	307.6	25	7.94
		39	327.2	315.7	25	8.48
		40	335.3	323.4	25	9.01
		45	377.9	364.1	25	11.70
		57	474.9	461.1	30	18.14

Pinions	mm
Tooth Radius r_3	16
Radius Width C	1.6
Tooth Width B1	9.1

Chain	mm
Pitch	5.875
Inside	9.65
Roller ø	0.16

ASA Plate Wheel

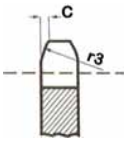
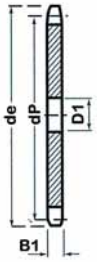
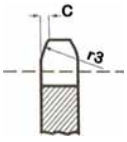
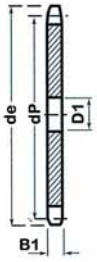
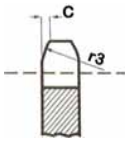
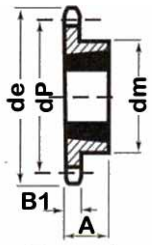
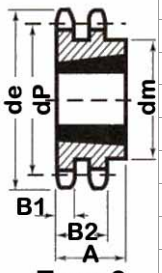
Plate Wheel 40-1		Teeth	de	dp	D1	App. Kg
		42	176.6	169.95	16	1.13
		48	200.8	194.18	20	1.46
		50	208.9	202.26	20	1.70
		55	229.1	222.46	20	2.08
		60	249.3	242.66	20	2.13
		65	269.5	262.86	20	2.25
		70	289.7	283.07	25	3.28
		72	297.8	291.16	25	3.51
		76	313.9	307.33	25	3.70
Pinions	**mm**					
Tooth Radius r_3	16					
Radius Width C	1.6					
Tooth Width B1	9.1					
Chain	**mm**					
Pitch	5.875					
Inside	9.65					
Roller ø	0.16					

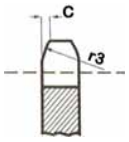
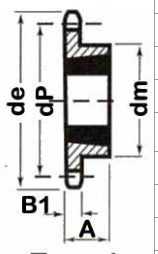
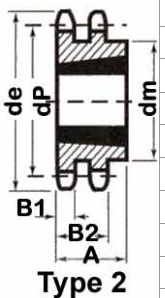
Plate Wheel 60-1		Teeth	de	dp	D1	App. Kg
		42	265.2	254.93	25	4.53
		48	301.5	291.27	25	5.75
		50	313.6	303.39	25	6.45
		55	343.9	333.70	25	7.82
		60	374.2	363.99	25	9.19
		65	404.5	394.29	30	10.65
		70	434.9	424.60	30	12.45
		72	447.0	436.74	30	13.22
		76	471.2	460.99	30	14.78
Pinions	**mm**					
Tooth Radius r_3	16					
Radius Width C	1.6					
Tooth Width B1	9.1					
Chain	**mm**					
Pitch	5.875					
Inside	9.65					
Roller ø	0.16					

06B & 08B Taper Lock

Taper Lock 06B-1-2	Teeth	de	dp	Simplex					Duplex				
				dm	A	Bush	Type	App. Kg	dm	A	Bush	Type	App. Kg
  Type 1  Type 2	17	55.5	51.83	45	22.23	1008	1	0.14	41	22	1008	2	0.5
	18	58.6	54.85	45	22.23	1008	1	0.18					
	19	61.6	57.87	45	22.23	1008	1	0.23	46	22	1008	2	0.6
	20	64.6	60.89	45	22.23	1008	1	0.27					
	21	67.6	63.91	45	22.23	1008	1	0.32	49	22	1008	2	1.4
	22	70.6	66.93	45	22.23	1008	1	0.36					
	23	73.7	69.95	63	25.40	1210	1	0.41	59	25	1210	2	1.8
	24	**76.7**	72.97	63	25.40	1210	1	0.45					
	25	**79.7**	76	63	25.40	1210	1	0.54	64	25	1210	2	1.9
	27	85.7	82.04	63	25.40	1210	1	0.52	70	25	1210	2	2.0
	30	94.8	91.12	63	25.40	1210	1	0.54	75	25	1210	2	2.1
	38	119	115.3	70	25.40	1210	1	0.68	80	25	1610	2	2.5
	45	118.6	114.7	70	25.40	1210	1	0.95					
	57	149.3	145.2	83	25.40	1210	1	1.25	92	25	1610	2	4.1
	76	197.9	193.6	83	25.40	1210	1	1.82	OA	OA	1615	2	6.8
	95	246.3	242	83	25.40	1210	1	2.28	OA	OA	1615	2	6.9
	114	294.8	290.3										

Pinions	mm
Tooth Radius r_3	10
Radius Width C	1
Tooth Width B1	5.3

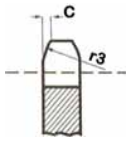
Chain	mm
Pitch	9.525
Inside	5.72
Roller ø	6.35

Taper Lock 08B-1-2	Teeth	de	dp	Simplex					Duplex				
				dm	A	Bush	Type	App. Kg	dm	A	Bush	Type	App. Kg
  Type 1  Type 2	14	61.9	57.07	45	22.23	1008	1	0.18					
	15	65.9	61.09	45	22.23	1008	1	0.18	46	22.23	1008	2	0.18
	16	69.9	65.1	45	22.23	1008/ 1108	1	0.23					
	17	74	69.11	60	25.40	1210	1	0.23	56	25.40	1210	2	0.27
	18	78	73.14	62	25.40	1210	1	0.27					
	19	82	77.16	63	25.40	1210	1	0.32	62	25.40	1210	2	0.36
	20	86	81.19	71	25.40	1210/ 1610	1	0.41					
	21	90.1	85.22	71	25.40	1610	1	0.45	70	25.40	1610	2	0.46
	22	94.1	89.24	71	25.40	1610	1	0.50					
	23	98.1	93.27	76	25.40	1610	1	0.59	79	25.40	1610	2	0.59
	24	102.1	97.29	76	25.40	1610	1	0.73					
	25	106.2	101.3	76	25.40	1610	1	0.74	87	31.75	2012	2	0.77
	26	110.2	105.4	76	25.40	1610	1	0.76					
	27	114.2	109.4	76	25.40	1610	1	0.78	87	31.75	2012	2	0.95
	28	118.3	113.4	76	25.40	1610	1	0.80					
	29	112.3	117.5	76	25.40	1610	1	0.81					
	30	126.3	121.5	90	31.75	2012	1	0.82	87	31.75	2012	2	1.59
	32	134.4	129.6	90	31.75	2012	1	0.87					
	37									31.75	2012	2	2.85
	38	158.6	153.8	90	31.75	2012	1	1.23	100	31.75	2012	2	3.18
	45	188.6	182.1	100	31.75	2012	1	1.46					
	48	200.7	194.2	100	31.75	2012	1	1.55					
	57	233.1	230.5	110	31.75	2012	1	2.60	110	31.75	2012	2	7.56
	76	313.9	307.3	110	31.75	2012	1	4.27	110	31.75	2012	2	15.26
	95	390.7	384.1	110	31.75	2012	1	6.88	110	31.75	2012	2	19.08
	114	467.4	460.9	110	44.45	2517	1	10.44	OA	OA	2517	2	22.90

Pinions	mm
Tooth Radius r_3	13
Radius Width C	1.3
Tooth Width B1	7.2

Chain	mm
Pitch	12.7
Inside	7.75
Roller ø	8.51

10B Taper Lock

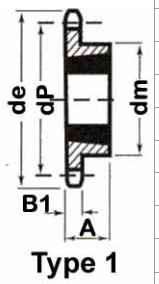
Taper Lock 10B-1-2	Teeth	de	dp	Simplex dm	Simplex A	Simplex Bush	Simplex Type	Simplex App. Kg	Duplex dm	Duplex A	Duplex Bush	Duplex Type	Duplex App. Kg
	13	73.2	66.32	47	22.23	1008	1	0.23					
	15	83.2	76.36	60	25.40	1210	1	0.32	-	25.40	1210	3	0.48
	16	88.3	81.37		25.40	1210	1	0.37					
	17	93.3	86.39	71	25.40	1610	1	0.41	-	25.4	1610	3	0.57
	18	98.3	91.42		25.40	1610	1	0.51					
	19	103.3	96.45	75	25.40	1610	1	0.64	-	25.4	1610	3	0.71
	20	108.4	101.5		25.40	1610	1	0.68					
	21	113.4	106.5	76	25.40	1610	1	0.73	-	25.4	1610	3	0.86
	22	118.4	111.6		25.40	1610	1	0.78					
	23	123.5	116.6	76	25.40	1610	1	0.82	-	25.4	1610	3	0.98
	24	128.5	121.6		25.40	1610	1	0.91					
	25	133.6	126.7	90	31.75	2012	1	1.09	90	31.75	2012	2	3.40
	26	138.6	131.7	90	31.75	2012	1	1.14					
	27	143.6	136.8	90	31.75	2012	1	1.18	90	31.75	2012	2	3.50
	28	148.7	141.8	90	31.75	2012	1	1.29					
	30	158.8	151.9	90	31.75	2012	1	1.41	90	31.75	2012	2	3.92
	32	168.9	162	90	31.75	2012	1	1.63					
	38	199.1	192.2	90	31.75	2012	1	2.22	90	31.75	2012	2	5.68
	45	236	227.6	90	31.75	2012	1	2.95					
	57	296.6	288.2	90	31.75	2012	1	4.59	OA	OA	OA	OA	OA
	76	392.5	384.2	110	31.75	2012	1	8.31	OA	OA	OA	OA	OA
	95	488.5	480.1	110	44.45	2517	1	12.76					
	114	584.5	576.1				1						

Pinions mm

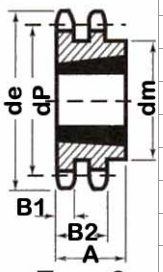
Tooth Radius r_3	16
Radius Width C	1.6
Tooth Width B1	9.1

Chain mm

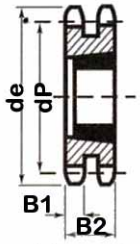
Pitch	5.875
Inside	9.65
Roller ø	0.16



Type 1



Type 2



Type 3

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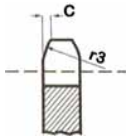
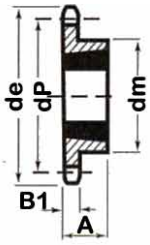
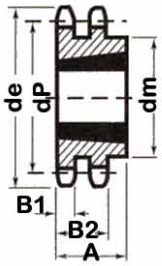
12B & 16B Taper Lock

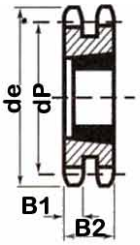
Taper Lock 12B-1-2-3	Teeth	de	dp	dm	A	Bush	Type	App. Kg	dm	A	Bush	Type	App. Kg	dm	A	Bush	Type	App. Kg
	13	87.8	79.59	60	25.40	1210	1	0.41										
	15	99.8	91.63	70	25.40	1610	1	0.54	71	38.10	1615	2	0.90	-	49.8	1615	5	OA
	17	111.9	103.7	76	25.40	1610	1	0.82	80	38.10	1615	2	1.25	-	49.8	1615	5	OA
	18	117.9	109.7		31.75	2012	1	0.91										
	19	123.9	115.8	90	31.75	2012	1	1.00	90	31.75	2012	2	1.81	-	49.8	2012	5	OA
	20	130	121.8		44.45	2517	1	1.00										
	21	136	127.8	102	44.45	2517	1	1.18	108	44.45	2517	2	2.50	-	49.8	2517	5	OA
	22	142	133.9		44.45	2517	1	1.27										
Pinions mm	23	148.1	139.9	108	44.45	2517	1	1.37	108	44.45	2517	2	3.07	-	49.8	2517	5	OA
Tooth Radius r_3 16	24	154.1	145.9	108	44.45	2517	1	1.50										
Radius Width C 1.6	25	160.2	152	108	44.45	2517	1	1.74	108	44.45	2517	2	3.63	-	49.8	2417	5	OA
Tooth Width B1 9.1	27	172.3	164.1	108	44.45	2517	1	1.80	108	44.45	2517	2	4.20	140	50.80	3020	4	OA
	30	190.4	182.3	108	44.45	2517	1	2.32	140	50.80	3020	2	5.04	140	50.80	3020	4	OA
Chain mm	32	202.5	194.4	108	44.45	2517	1	2.48										
Pitch 5.875	38	238.9	230.1	108	44.45	2517	1	3.36	140	50.80	3020	2	8.40	140	50.80	3020	4	OA
Inside 9.65	45	283.2	273.1		44.45	2517	1	3.98										
Roller ø 0.16	57	355.9	345.8	124	44.45	2517	1	8.76	160	50.80	3020	2	19.48	160	50.80	3020	4	OA
	76	471.1	461	124	44.45	2517	1	11.68	160	50.80	3020	2	29.52	160	50.80	3020	4	OA
	95	586.2	576.2	OA	44.45	2517	1	14.60	OA	50.80	3020	2	34.40	OA	OA	3030	OA	OA
	114	701.4	691.4	OA	44.45	3020	1	17.52	OA	76.20	3030	2	39.28					



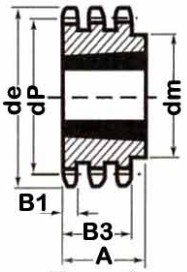
Type 1



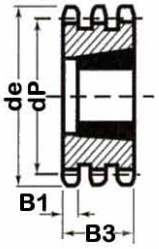
Type 2



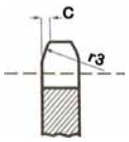
Type 3



Type 4



Type 5

Taper Lock 16B-1-2-3	Teeth	de	dp	dm	A	Bush	Type	App. Kg	dm	A	Bush	Type	App. Kg	dm	A	Bush	Type	App. Kg
	13	117.7	106.1	73	38.10	1615	1	1.27										
	15	133.7	122.2	76	38.10	1615	1	1.45	-	47.7	2012	3	2.04	-	OA	2012	5	OA
	16	141.8	130.2	76	38.10	2012	1	1.55										
	17	149.8	138.2	90	32	2012	1	1.69	-	47.7	2517	3	2.50	-	79.6	2517	5	OA
	18	157.8	146.3	108	44.45	2517	1	1.46										
	19	165.9	154.4	108	44.45	2517	1	2.14	-	47.7	2517	3	3.18	-	79.6	3030	5	OA
	20	173.9	162.4	108	44.45	2517	1	2.72										
	21	182	170.4	110	44.45	2517	1	2.95	140	50.80	3020	2	2.95	-	79.6	3030	5	OA
Pinions mm	22	190.1	178.5	110	44.45	2517	1	3.18										
Tooth Radius r_3 16	23	198.1	186.5	110	44.45	2517	1	3.40	140	50.80	3020	2	5.48	159	89	3535	4	OA
Radius Width C 1.6	24	206.2	194.6	110	44.45	2517	1	3.63										
Tooth Width B1 9.1	25	214.2	202.7	110	44.45	2517	1	3.90	140	50.80	3020	2	7.72	175	89	3535	4	OA
	27	230.4	218.8	110	44.45	2517	1	4.31	140	50.80	3020	2	10.22	175	89	3535	4	OA
Chain mm	30	254.6	243	120	44.45	2517	1	5.44	140	50.807 6.20	3020/3 030	2	11.35	175	89	3535	4	OA
Pitch 5.875	35	294.9	283.4	OA	50.80	3020	1	7.12										
Inside 9.65	38	319.2	307.6	160	50.80	3020	1	8.85	160	76.20	3030	2	21.79	178	89	3535	4	OA
Roller ø 0.16	45	377.9	364.1	OA	50.80	3020	1	12.25										
	57	474.9	461.1	OA	50.80	3020	1	19.16		86.90	3535	2	27.24	216	102	4040	4	OA
	76*	628.4	614.7	OA	50.80	3020	1	28.55		86.90	3535	2	37.68			4040		
	95	782	768.2	OA	50.80	3020	OA	41.58										
	114	935.6	921.8	OA	50.80	3020	OA	56.15										

Belts Index

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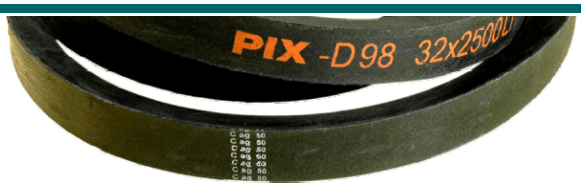
	SECTION	
Wrapped V-Belt	A	SPA
	B	SPB
	C	SPC
	D	SPZ
Cut Edged Cogged	AX	XPA
	BX	XPB
	CX	XPC
		XPZ
Variable Speed Belts	V21	
	V28	
	V37	
	V47	

	SECTION
HTD Timing Belts	3M
	5M
	8M
	14M
Poly V	J
	L
Automotive Belts	11A
	13A
	15A
	3K
	4K
	5K
	6K

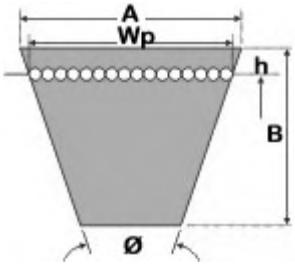
Power Wrap Belts



PIX Power Wrap Belts were the first V-Belts manufactured by PIX for the power transmission market.
PIX continues to strive for excellence in R&D, these efforts have enabled PIX Belts to achieve power ratings considerably higher than most of the other available brands on the market.

The compound used to build up these belts is meticulously chosen to match the stipulated power ratings; this offers distinct advantages in performance and safety on critical drives.

Finer Power Transmissions carries a range of PIX Power Wrap belts in two categories: Classical & Wedge



Classical

Top width to height ratio is 1.6:1
Max. Permissible belt speed is 30 m/sec.
permissible flex rate is around F = 80 per sec.

Belt Section	Top Width (mm)	Thickness (mm)	FPT Range
A	13.0	8.0	A18 - A158
B	17.0	11.0	B24 - B275
C	22.0	14.0	C40 - C360
D	32.0	19.0	D101 - D360

Wedge

Top width to height ratio is 1.2:1
Max. Permissible belt speed is 42 m/sec.
permissible flex rate is around F =100 per sec.

Belt Section	Top Width (mm)	Thickness (mm)	FPT Range
SPZ	10.0	8.0	SPZ630-SPZ3550
SPA	13.0	10.0	SPA800-SPA4700
SPB	17.0	14.0	SPB1250- SPB5600
SPC	22.0	18.0	SPC2000-SPC13500

Construction

1. Strong wear resistant (Bias cut Neoprene rubberised fabric)
2. High tenacity, low stretch, specially treated polyester & Kevlar cord
3. High resistant cord embedding cushion rubber compound
4. Specially compounded high modulus compression rubber

Features & Benefits

- "Free Set" stringent Length tolerance guaranteed
- Ensure high performance in heavy-duty, continuous running applications
- Polychlorprene wrap for fire resistance in event of slippage
- High Performance / Price ratio
- Manufacturing to ISO:9001:2000 and ISO/TS 16949:2002 Standard

PIX BELTS & HOSES

Power Wrap Classic Belts

A Section

Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg
A18	458	0.054	A42	1067	0.126	A66	1676	0.198	A90	2286	0.270	A114	2896	0.342
A19	483	0.057	A43	1092	0.129	A67	1702	0.201	A91	2311	0.273	A115	2921	0.345
A20	508	0.060	A44	1118	0.132	A68	1727	0.204	A92	2337	0.276	A116	2946	0.348
A21	533	0.063	A45	1143	0.135	A69	1753	0.207	A93	2362	0.279	A117	2972	0.351
A22	558	0.066	A46	1168	0.138	A70	1778	0.210	A94	2428	0.282	A118	2997	0.354
A23	584	0.069	A47	1194	0.141	A71	1803	0.213	A95	2413	0.285	A119	3023	0.357
A24	610	0.072	A48	1219	0.144	A72	1829	0.216	A96	2438	0.288	A120	3048	0.360
A25	635	0.075	A49	1245	0.147	A73	1854	0.219	A97	2464	0.291	A121	3073	0.363
A26	660	0.078	A50	1270	0.150	A74	1880	0.222	A98	2489	0.294	A122	3099	0.366
A27	686	0.081	A51	1295	0.153	A75	1905	0.225	A99	2515	0.297	A123	3124	0.369
A28	711	0.084	A52	1321	0.156	A76	1930	0.228	A100	2540	0.300	A124	3150	0.372
A29	737	0.087	A53	1346	0.159	A77	1956	0.231	A101	2565	0.303	A125	3175	0.375
A30	762	0.090	A54	1372	0.162	A78	1981	0.234	A102	2591	0.306	A126	3200	0.378
A31	787	0.093	A55	1397	0.165	A79	2007	0.237	A103	2616	0.309	A128	3251	0.384
A32	813	0.096	A56	1422	0.168	A80	2032	0.240	A104	2642	0.312	A130	3302	0.390
A33	838	0.099	A57	1448	0.171	A81	2057	0.243	A105	2667	0.315	A133	3378	0.399
A34	864	0.102	A58	1473	0.174	A82	2083	0.246	A106	2692	0.318	A134	3404	0.402
A35	889	0.105	A59	1499	0.177	A83	2108	0.249	A107	2718	0.321	A136	3454	0.408
A36	914	0.108	A60	1524	0.180	A84	2134	0.252	A108	2743	0.324	A138	3505	0.414
A37	940	0.111	A61	1549	0.183	A85	2159	0.255	A109	2769	0.327	A140	3556	0.420
A38	965	0.114	A62	1575	0.186	A86	2184	0.258	A110	2794	0.330	A144	3658	0.432
A39	991	0.117	A63	1600	0.189	A87	2210	0.261	A111	2819	0.333	A150	3810	0.450
A40	1016	0.120	A64	1626	0.192	A88	2235	0.264	A112	2845	0.336	A154	3912	0.462
A41	1041	0.123	A65	1651	0.195	A89	2261	0.267	A113	2870	0.339	A158	4013	0.474

B Section

Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg
B24	610	0.12	B50	1270	0.25	B76	1930	0.38	B102	2591	0.51	B136	3454	0.68
B25	635	0.125	B51	1295	0.255	B77	1956	0.385	B103	2616	0.515	B137	3480	0.685
B26	660	0.13	B52	1321	0.26	B78	1981	0.39	B104	2642	0.52	B140	3556	0.7
B27	686	0.135	B53	1346	0.265	B79	2007	0.395	B105	2667	0.525	B144	3658	0.72
B28	711	0.14	B54	1372	0.27	B80	2032	0.4	B106	2692	0.53	B146	3708	0.73
B29	737	0.145	B55	1397	0.275	B81	2057	0.405	B107	2718	0.535	B147	3734	0.735
B30	762	0.15	B56	1422	0.28	B82	2083	0.41	B108	2743	0.54	B148	3759	0.74
B31	787	0.155	B57	1448	0.285	B83	2108	0.415	B109	2769	0.545	B150	3810	0.75
B32	813	0.16	B58	1473	0.29	B84	2134	0.42	B110	2794	0.55	B152	3861	0.76
B33	838	0.165	B59	1499	0.295	B85	2159	0.425	B112	2845	0.56	B154	3912	0.78
B34	864	0.17	B60	1524	0.3	B86	2184	0.43	B113	2870	0.565	B160	4064	0.8
B35	889	0.175	B61	1549	0.305	B87	2210	0.435	B114	2896	0.57	B162	4115	0.81
B36	914	0.18	B62	1575	0.31	B88	2235	0.44	B115	2921	0.575	B166	4216	0.83
B37	940	0.185	B63	1600	0.315	B89	2261	0.445	B116	2946	0.58	B168	4267	0.84
B38	965	0.19	B64	1626	0.32	B90	2286	0.45	B117	2972	0.585	B173	4394	0.865
B39	991	0.195	B65	1651	0.325	B91	2311	0.455	B118	2997	0.59	B175	4445	0.875
B40	1016	0.2	B66	1676	0.33	B92	2337	0.46	B120	3048	0.6	B180	4572	0.9
B41	1041	0.205	B67	1702	0.335	B93	2362	0.465	B122	3099	0.61	B184	4674	0.92
B42	1067	0.21	B68	1727	0.34	B94	2388	0.47	B124	3150	0.62	B187	4750	0.935
B43	1092	0.215	B69	1753	0.345	B95	2413	0.475	B125	3175	0.625	B195	4953	0.975
B44	1118	0.22	B70	1778	0.35	B96	2438	0.48	B126	3200	0.63	B199	5055	0.995
B45	1143	0.225	B71	1803	0.355	B97	2464	0.485	B128	3251	0.64	B204	5182	1.02
B46	1168	0.23	B72	1829	0.36	B98	2489	0.49	B130	3302	0.65	B210	5334	1.05
B47	1194	0.235	B73	1854	0.365	B99	2515	0.495	B131	3327	0.655	B225	5715	1.125
B48	1219	0.24	B74	1880	0.37	B100	2540	0.5	B132	3353	0.66	B270	6858	1.35
B49	1245	0.245	B75	1905	0.375	B101	2565	0.505	B134	3404	0.67	B275	6985	1.375

Power Wrap Classic Belts

C Section

Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg
C40	1016	0.32	C81	2057	0.648	C132	3353	1.04
C42	1067	0.336	C82	2083	0.656	C136	3454	1.088
C45	1143	0.36	C83	2108	0.664	C140	3556	1.12
C46	1168	0.368	C84	2134	0.672	C141	3581	1.128
C48	1219	0.384	C85	2159	0.68	C144	3658	1.152
C50	1270	0.4	C86	2184	0.688	C146	3708	1.168
C51	1295	0.408	C87	2210	0.696	C148	3759	1.184
C52	1321	0.416	C88	2235	0.704	C150	3810	1.2
C53	1346	0.424	C89	2261	0.712	C152	3861	1.216
C54	1372	0.432	C90	2286	0.72	C154	3912	1.232
C55	1397	0.44	C92	2337	0.736	C156	3962	1.248
C56	1422	0.448	C93	2362	0.744	C158	4013	1.264
C57	1448	0.456	C95	2413	0.76	C160	4064	1.28
C58	1473	0.464	C96	2438	0.768	C162	4115	1.296
C59	1499	0.472	C97	2464	0.776	C164	4166	1.312
C60	1524	0.48	C99	2515	0.792	C166	4216	1.328
C61	1549	0.488	C100	2540	0.8	C168	4267	1.344
C62	1575	0.496	C101	2565	0.808	C173	4394	1.384
C63	1600	0.504	C103	2616	0.824	C178	4521	1.424
C64	1626	0.512	C104	2642	0.832	C180	4572	1.44
C65	1651	0.52	C105	2667	0.84	C185	4699	1.48
C66	1676	0.528	C106	2692	0.848	C190	4826	1.52
C67	1702	0.536	C108	2743	0.864	C195	4953	1.56
C68	1727	0.544	C109	2769	0.872	C204	5182	1.632
C69	1753	0.552	C110	2794	0.88	C210	5334	1.68
C70	1778	0.56	C112	2845	0.896	C216	5486	1.728
C71	1803	0.568	C115	2921	0.92	C224	5690	1.792
C72	1829	0.576	C116	2946	0.928	C225	5715	1.8
C73	1854	0.584	C118	2997	0.944	C228	5791	1.824
C74	1880	0.592	C120	3048	0.96	C240	6096	1.92
C75	1905	0.6	C123	3124	0.984	C268	6807	2.144
C76	1930	0.608	C124	3150	0.992	C270	6858	2.16
C77	1956	0.616	C125	3175	1	C300	7620	2.4
C78	1981	0.624	C126	3200	1.008	C330	8382	2.64
C79	2007	0.632	C128	3251	1.024	C360	9144	2.88
C80	2032	0.64	C130	3302	1.04			

D Section

Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg	Belt	Inside Diameter	App. Kg
D101	2565	1.515	D162	4115	2.43	D250	6350	3.75
D112	2845	1.68	D169	4293	2.535	D270	6858	4.05
D120	3048	1.8	D173	4394	2.595	D300	7620	4.5
D128	3251	1.92	D180	4572	2.7	D330	8382	4.95
D144	3658	2.16	D195	4953	2.925	D360	9144	5.4
D148	3759	2.22	D210	5334	3.15			
D158	4013	2.37	D240	6096	3.6			

PIX BELTS & HOSES

Power Wrap Wedge Belts

SPZ Section

Belt	3V Equivalent	App. Kg	Belt	3V Equivalent	App. Kg	Belt	3V Equivalent	App. Kg	Belt	3V Equivalent	App. Kg
SPZ630	3V250	0.045	SPZ1060		0.075	SPZ1400		0.099	SPZ2160	3V850	0.153
SPZ670	3V265	0.047	SPZ1080	3V425	0.077	SPZ1420	3V560	0.101	SPZ2240		0.159
SPZ710	3V280	0.050	SPZ1090		0.077	SPZ1470	3V580	0.104	SPZ2280	3V900	0.162
SPZ750		0.053	SPZ1120		0.079	SPZ1500		0.106	SPZ2360		0.167
SPZ760	3V300	0.054	SPZ1140	3V450	0.081	SPZ1520	3V600	0.108	SPZ2410	3V950	0.171
SPZ800	3V315	0.057	SPZ1150		0.081	SPZ1600	3V630	0.113	SPZ2540	3V1000	0.180
SPZ850	3V335	0.060	SPZ1180		0.084	SPZ1650	3V650	0.117	SPZ2650		0.188
SPZ875		0.062	SPZ1200	3V475	0.085	SPZ1700	3V670	0.120	SPZ2800		0.198
SPZ900	3V355	0.064	SPZ1240		0.088	SPZ1800	3V710	0.128	SPZ2840	3V1120	0.201
SPZ925		0.066	SPZ1250		0.089	SPZ1850	3V730	0.131	SPZ3000	3V1180	0.213
SPZ940	3V370	0.067	SPZ1270	3V500	0.090	SPZ1900	3V750	0.135	SPZ3150		0.223
SPZ950	3V375	0.067	SPZ1320		0.094	SPZ2000		0.142	SPZ3170	3V1250	0.225
SPZ1000		0.071	SPZ1340		0.095	SPZ2030	3V800	0.144	SPZ3550	3V1320	0.252
SPZ1010	3V400	0.072	SPZ1360		0.096	SPZ2120		0.150			

SPA Section

Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg
SPA800	0.094	SPA1090	0.129	SPA1500	0.177	SPA2060	0.243	SPA3000	0.354
SPA825	0.097	SPA1120	0.132	SPA1550	0.183	SPA2120	0.250	SPA3100	0.366
SPA850	0.100	SPA1150	0.136	SPA1600	0.189	SPA2180	0.257	SPA3150	0.372
SPA875	0.103	SPA1180	0.139	SPA1650	0.195	SPA2240	0.265	SPA3350	0.396
SPA900	0.106	SPA1220	0.144	SPA1700	0.201	SPA2360	0.279	SPA3550	0.419
SPA925	0.109	SPA1250	0.148	SPA1750	0.207	SPA2430	0.287	SPA3750	0.443
SPA950	0.112	SPA1280	0.151	SPA1800	0.213	SPA2500	0.295	SPA3900	0.461
SPA975	0.115	SPA1320	0.156	SPA1850	0.219	SPA2580	0.305	SPA4000	0.485
SPA1000	0.118	SPA1360	0.161	SPA1900	0.224	SPA2650	0.313	SPA4250	0.502
SPA1030	0.121	SPA1400	0.165	SPA1950	0.230	SPA2800	0.331	SPA4500	0.531
SPA1060	0.125	SPA1450	0.171	SPA2000	0.236	SPA2900	0.343	SPA4700	0.555

SPB Section

Belt	5V Equivalent	App. Kg	Belt	5V Equivalent	App. Kg	Belt	5V Equivalent	App. Kg	Belt	5V Equivalent	App. Kg
SPB1250		0.246	SPB2000		0.394	SPB2500		0.492	SPB3750		0.738
SPB1260	5V500	0.248	SPB2020	5V800	0.398	SPB2530	5V1000	0.498	SPB3800	5V1500	0.748
SPB1320		0.260	SPB2120		0.417	SPB2650		0.522	SPB4000		0.787
SPB1340	5V530	0.264	SPB2140		0.421	SPB2680	5V1060	0.528	SPB4060	5V1600	0.799
SPB1400		0.276	SPB2150	5V850	0.423	SPB2800		0.551	SPB4250		0.837
SPB1410	5V560	0.278	SPB2180		0.429	SPB2840	5V1120	0.559	SPB4310	5V1700	0.848
SPB1500		0.295	SPB2240		0.441	SPB3000		0.591	SPB4500		0.886
SPB1600		0.315	SPB2280	5V900	0.449	SPB3150		0.620	SPB4750		0.935
SPB1700	5V670	0.335	PB22800		0.551	SPB3170	5V1250	0.624	SPB4820	5V1900	0.949
SPB1800	5V710	0.354	SPB2360		0.465	SPB3350		0.659	SPB5000		0.984
SPB1900	5V750	0.374	SPB2410	5V950	0.474	SPB3550	5V1400	0.699	SPB5600		1.102

SPC Section

Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg
SPC2000	0.709	SPC3000	1.063	SPC4500	1.594	SPC6500	2.303	SPC9500	3.366
SPC2120	0.751	SPC3150	1.116	SPC4750	1.683	SPC6700	2.374	SPC10000	3.543
SPC2240	0.794	SPC3350	1.187	SPC5000	1.772	SPC7100	2.516	SPC11200	3.969
SPC2360	0.836	SPC3550	1.187	SPC5300	1.878	SPC7500	2.657	SPC11800	4.181
SPC2500	0.886	SPC3750	1.329	SPC5600	1.984	SPC8000	2.835	SPC12500	4.429
SPC2650	0.939	SPC4000	1.417	SPC6000	2.126	SPC8500	3.012	SPC13500	4.783
SPC2800	0.992	SPC4250	1.506	SPC6300	2.232	SPC9000	3.189		

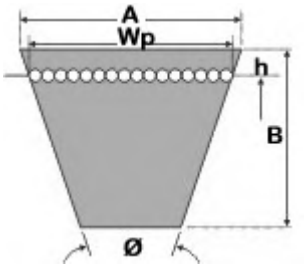
Power Edge Cogged Belts

The advantage of the PIX cut edge belt is evident when there are:

- High belt speeds
- Extraordinary power transmission levels required
- Extremely small pulley diameters used
- High ambient temperatures which render the use of wrapped V-belts uneconomical and impractical

PIX cut edge belts offer the best technical and economic solution for the aforementioned conditions through their use of high grade components coupled with the use of the most advanced production machinery.

Finer Power Transmissions carries a range of PIX Power Edge Belts in Classical and Wedge.



Construction

1. Special fabric layer top width
2. Polychloroprene cushion rubber compound
3. Specially treated and stabilised polyester cord
4. Fibre filled polychloroprene
5. Moulded cogs for better flexibility

Classical

Belt Section	Top Width (mm)	Thickness (mm)	FPT Range
AX	13.0	8.0	AX20-AX100
BX	17.0	11.0	BX24-BX124
CX	22.0	14.0	CX42-CX180

Wedge

Belt Section	Top Width (mm)	Thickness (mm)	FPT Range
XPZ	10.0	8.0	XPZ670-XPZ2000
XPA	13.0	10.0	XPA800-XPA3350
XPB	17.0	14.0	XPB1250-XPB4000
XPC	22.0	18.0	XPC2000-XPC3350

Features & Benefits

- Top fabric layer for lateral stiffness
- Stringent dimensional and length tolerances
- High ambient temperature up to 100°C
- Precision cut belts with high modulus cords ensuring high power rating
- Smooth noiseless performance
- High flexibility for applications involving smaller pulley diameter
- Extensive range available
- Also available in variable speed belt construction
- Manufactured to BS 3790, RMA IP-22 and RMA IP-23 Standards

Classic Cogged Belts

AX Section

Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg
AX20	508	0.060	AX37	940	0.111	AX54	1372	0.162	AX71	1803	0.213	AX88	2235	0.264
AX21	533	0.063	AX38	965	0.114	AX55	1397	0.165	AX72	1829	0.216	AX89	2261	0.267
AX22	559	0.066	AX39	991	0.117	AX56	1422	0.168	AX73	1854	0.219	AX90	2286	0.270
AX23	584	0.069	AX40	1016	0.120	AX57	1448	0.171	AX74	1880	0.222	AX91	2311	0.273
AX24	610	0.072	AX41	1041	0.123	AX58	1473	0.174	AX75	1905	0.225	AX92	2337	0.276
AX25	635	0.075	AX42	1067	0.126	AX59	1499	0.177	AX76	1930	0.228	AX93	2362	0.279
AX26	660	0.078	AX43	1092	0.129	AX60	1524	0.180	AX77	1956	0.231	AX94	2388	0.282
AX27	686	0.081	AX44	1118	0.132	AX61	1549	0.183	AX78	1981	0.234	AX95	2413	0.285
AX28	711	0.084	AX45	1143	0.135	AX62	1575	0.186	AX79	2007	0.237	AX96	2438	0.288
AX29	737	0.087	AX46	1168	0.138	AX63	1600	0.189	AX80	2032	0.240	AX97	2464	0.291
AX30	762	0.090	AX47	1194	0.141	AX64	1626	0.192	AX81	2057	0.243	AX98	2489	0.294
AX31	787	0.093	AX48	1219	0.144	AX65	1651	0.195	AX82	2083	0.246	AX99	2515	0.297
AX32	813	0.096	AX49	1245	0.147	AX66	1676	0.198	AX83	2108	0.249	AX100	2540	0.300
AX33	838	0.099	AX50	1270	0.150	AX67	1702	0.201	AX84	2134	0.252			
AX34	864	0.102	AX51	1295	0.153	AX68	1727	0.204	AX85	2159	0.255			
AX35	889	0.105	AX52	1321	0.156	AX69	1753	0.207	AX86	2184	0.258			
AX36	914	0.108	AX53	1346	0.159	AX70	1778	0.210	AX87	2210	0.261			

BX Section

Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg
BX24	610	0.120	BX41	1041	0.205	BX58	1473	0.290	BX75	1905	0.375	BX92	2337	0.460
BX25	635	0.125	BX42	1067	0.210	BX59	1499	0.295	BX76	1930	0.380	BX93	2362	0.465
BX26	660	0.130	BX43	1092	0.215	BX60	1524	0.300	BX77	1956	0.385	BX94	2388	0.470
BX27	686	0.135	BX44	1118	0.220	BX61	1549	0.305	BX78	1981	0.390	BX95	2413	0.475
BX28	711	0.140	BX45	1143	0.225	BX62	1575	0.310	BX79	2007	0.395	BX96	2438	0.480
BX29	737	0.145	BX46	1168	0.230	BX63	1600	0.315	BX80	2032	0.400	BX97	2464	0.485
BX30	762	0.150	BX47	1194	0.235	BX64	1626	0.320	BX81	2057	0.405	BX98	2489	0.490
BX31	787	0.155	BX48	1219	0.240	BX65	1651	0.325	BX82	2083	0.410	BX99	2515	0.495
BX32	813	0.160	BX49	1245	0.245	BX66	1676	0.330	BX83	2108	0.415	BX100	2540	0.500
BX33	838	0.165	BX50	1270	0.250	BX67	1702	0.335	BX84	2134	0.420	BX103	2616	0.515
BX34	864	0.170	BX51	1295	0.255	BX68	1727	0.340	BX85	2159	0.425	BX105	2667	0.525
BX35	889	0.175	BX52	1321	0.260	BX69	1753	0.345	BX86	2184	0.430	BX108	2743	0.540
BX36	914	0.180	BX53	1346	0.265	BX70	1778	0.350	BX87	2210	0.435	BX112	2845	0.560
BX37	940	0.185	BX54	1372	0.270	BX71	1803	0.355	BX88	2235	0.440	BX115	2921	0.575
BX38	965	0.190	BX55	1397	0.275	BX72	1829	0.360	BX89	2261	0.445	BX118	2997	0.590
BX39	991	0.195	BX56	1422	0.280	BX73	1854	0.365	BX90	2286	0.450	BX120	3048	0.600
BX40	1016	0.200	BX57	1448	0.285	BX74	1880	0.370	BX91	2311	0.455	BX124	3150	0.620

CX Section

Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg	Belt	Inside Dia.	App. Kg
CX42	1067	0.336	CX60	1524	0.480	CX83	2108	0.664	CX109	2769	0.872	CX158	4013	1.264
CX45	1143	0.360	CX65	1651	0.520	CX85	2159	0.680	CX110	2794	0.880	CX166	4216	1.328
CX46	1168	0.368	CX68	1727	0.544	CX87	2210	0.696	CX116	2946	0.928	CX173	4394	1.384
CX48	1219	0.384	CX70	1778	0.560	CX90	2286	0.720	CX120	3048	0.960	CX180	4572	1.440
CX51	1295	0.408	CX72	1829	0.576	CX96	2438	0.768	CX125	3175	1.000			
CX56	1422	0.448	CX75	1905	0.600	CX100	2540	0.800	CX128	3251	1.024			
CX57	1448	0.456	CX78	1981	0.624	CX105	2667	0.840	CX136	3454	1.088			
CX58	1473	0.464	CX81	2057	0.648	CX108	2743	0.864	CX144	3658	1.152			

Wedge Cogged Belts

XPZ Section

Belt	3V Equivalent	App. Kg	Belt	3V Equivalent	App. Kg	Belt	3V Equivalent	App. Kg	Belt	3V Equivalent	App. Kg
XPZ670	3V265	0.047	XPZ1010	3V400	0.072	XPZ1250		0.089	XPZ1560		0.110
XPZ750		0.053	XPZ1060		0.075	XPZ1270	3V500	0.090	XPZ1600	3V630	0.113
XPZ760	3V300	0.054	XPZ1080	3V425	0.077	XPZ1280		0.092	XPZ1650	3V650	0.117
XPZ800	3V315	0.057	XPZ1090		0.077	XPZ1320		0.094	XPZ1700	3V670	0.120
XPZ850	3V335	0.060	XPZ1120		0.079	XPZ1340		0.095	XPZ1800	3V710	0.128
XPZ875		0.062	XPZ1140	3V450	0.081	XPZ1360		0.096	XPZ1850	3V730	0.131
XPZ900	3V355	0.064	XPZ1150		0.081	XPZ1400		0.099	XPZ1900	3V750	0.135
XPZ925		0.066	XPZ1180		0.084	XPZ1420	3V560	0.101	XPZ2000		0.142
XPZ940	3V370	0.067	XPZ1200	3V475	0.085	XPZ1470	3V580	0.104			
XPZ950	3V375	0.067	XPZ1220		0.086	XPZ1500		0.106			
XPZ1000		0.071	XPZ1240		0.088	XPZ1520	3V600	0.108			

XPA Section

Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg
XPA800	0.094	XPA1090	0.129	SPA1500	0.177	XPA2060	0.243	XPA3000	0.354
XPA825	0.097	XPA1120	0.132	XPA1550	0.183	XPA2120	0.250	XPA3100	0.366
XPA850	0.100	XPA1150	0.136	XPA1600	0.189	XPA2180	0.257	XPA3150	0.372
XPA875	0.103	XPA1180	0.139	XPA1650	0.195	XPA2240	0.265	XPA3350	0.396
XPA900	0.106	XPA1220	0.144	XPA1700	0.201	XPA2360	0.279		
XPA925	0.109	XPA1250	0.148	XPA1750	0.207	XPA2430	0.287		
XPA950	0.112	XPA1280	0.151	XPA1800	0.213	XPA2500	0.295		
XPA975	0.115	XPA1320	0.156	XPA1850	0.219	XPA2580	0.305		
XPA1000	0.118	XPA1360	0.161	XPA1900	0.224	XPA2650	0.313		
XPA1030	0.121	XPA1400	0.165	XPA1950	0.230	XPA2800	0.331		
XPA1060	0.125	XPA1450	0.171	XPA2000	0.236	XPA2900	0.343		

XPB Section

Belt	5V Equivalent	App. Kg	Belt	5V Equivalent	App. Kg	Belt	5V Equivalent	App. Kg	Belt	5V Equivalent	App. Kg
XPB1250		0.246	XPB2000		0.394	XPB2500		0.492	XPB3750		0.738
XPB1260	5VX500	0.248	XPB2020	5V800	0.398	XPB2530	5VX1000	0.498	XPB4000		0.787
XPB1320		0.260	XPB2120		0.417	XPB2650		0.522	XPB4060	5VX1600	0.799
XPB1340	5VX530	0.264	XPB2150	5VX850	0.423	XPB2680	5VX1060	0.528	XPB4250		0.837
XPB1400		0.276	XPB2180		0.429	XPB2800		0.551	XPB4310	5VX1700	0.848
XPB1410	5VX560	0.278	XPB2240		0.441	XPB3000		0.591	XPB4500		0.886
XPB1500		0.295	XPB2280	5VX900	0.449	XPB3150		0.620	XPB4750		0.935
XPB1600		0.315				XPB3170	5VX1250	0.624	XPB4820	5VX1900	0.949
XPB1700	5VX670	0.335	XPB2360		0.465	XPB3350		0.659	XPB5000		0.984
XPB1800	5VX710	0.354	XPB2410	5VX950	0.474	XPB3550	5VX1400	0.699	XPB5600		1.102
XPB1900	5VX750	0.374									

XPC Section

Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg	Belt	App. Kg
XPC2000	0.709	XPC2240	0.794	XPC2500	0.886	XPC2800	0.992	XPC3150	1.116
XPC2120	0.751	XPC2360	0.836	XPC2650	0.939	XPC3000	1.063	XPC3350	1.187

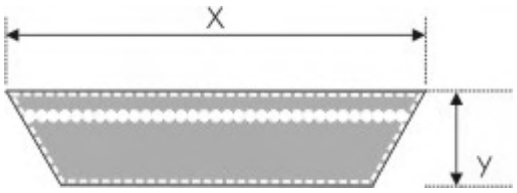
Variable Speed Belts

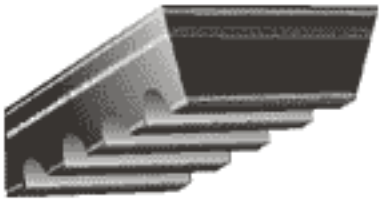
PIX Variable Speed Belts are designed for efficient power transmission with minimised wasteful heat generation. A special rubber compound with textile fibres oriented across the length of the belt provides high stability & minimizes deflection in the cross section.

The belts are temperature and oil resistant as well as antistatic. The minimum stretch stiff polyester cords have been designed for heavy power transmission while at the same time ensuring a very high degree of length stability. The sides of the belts have excellent abrasion resistant properties contributing significantly to long & useful belt life. A moulded cog reduces bending stresses & improves heat dissipation in cut edge cogged construction.

Features & Benefits :

- High load carrying capacity
- High resistance to Oil, Heat, Dust and Cracking
- Specification as per RMA IP-25, ISO-3410, BS-3733 Standards
- Extensive Product Range
- Stringent length tolerance
- Manufactured to ISO-9001:2000 and ISO/TS 16949:2002 standard





Belt Section	Top Width X (mm)	Thickness Y (mm)	FPT Range
VS 21-06	21	6	700-1500
VS 28-08	28	8	670-1500
VS 37-10	37	10	800-1800
VS 47-13	47	13	960-1800

Applications:

For drives requiring a wider range of speeds and speed ratios in industrial and agricultural engineering with high power transmission -

- Variable speed drives for the general & agricultural industries
- Infinitely variable mechanical speed changing for combine harvesters
- For the infinitely variable control of road speed on combine harvester

Variable Speed Belts

VS 21x6	VS 28x8
VS 21-06-0700	VS 28-08-0670
VS 21-06-0750	VS 28-08-0700
VS 21-06-0800	VS 28-08-0750
VS 21-06-0830	VS 28-08-0800
VS 21-06-0850	VS 28-08-0850
VS 21-06-0900	VS 28-08-0900
VS 21-06-0950	VS 28-08-0950
VS 21-06-1000	VS 28-08-1000
VS 21-06-1060	VS 28-08-1060
VS 21-06-1150	VS 28-08-1120
VS 21-06-1185	VS 28-08-1180
VS 21-06-1250	VS 28-08-1250
VS 21-06-1320	VS 28-08-1320
VS 21-06-1400	VS 28-08-1400
VS 21-06-1500	VS 28-08-1450
	VS 28-08-1500

VS 37x10	VS 47x13
VS 37-10-0800	VS 47-13-0960
VS 37-10-0850	VS 47-13-1000
VS 37-10-0900	VS 47-13-1060
VS 37-10-0950	VS 47-13-1120
VS 37-10-1000	VS 47-13-1180
VS 37-10-1060	VS 47-13-1250
VS 37-10-1180	VS 47-13-1320
VS 37-10-1250	VS 47-13-1400
VS 37-10-1320	VS 47-13-1500
VS 37-10-1400	VS 47-13-1600
VS 37-10-1500	VS 47-13-1700
VS 37-10-1600	VS 47-13-1800
VS 37-10-1700	
VS 37-10-1800	

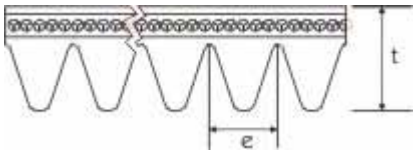
Power Rib Belts

In modern day technology, the requirement of High power with compact drive design has led to the development of Ribbed Belts. PIX Power Rib belts combine the advantages of high flexibility with high power transmission.

Finer Power Transmissions carry a range of PIX Power Rib belts in PJ and PL sizes.

Construction

1. High tensile tension member across full width of belt, for maximum utilisation of face width.
2. Ribbed driving surface for maximum area of contact and reduced face pressure.
3. Special rubber compound for high frictional grip and maximum tractive effort.



Belt Section	Rib Pitch	Thickness	Max. Belt Speed (m/s)	Min. Recommend ed dia.	FPT Range
PJ	2.34	3.80	60	20	381 – 1956
PL	4.70	7.60	50	75	1270 - 4470

Applications

For compact drives with high-speed ratios
For drives requiring minimum maintenance
For drives in a noise-sensitive environment
For serpentine drives, V-flat drives, and drives with reverse bend idlers

Features

Trapezoid faced ribs on a fibre reinforced matrix of base gives higher power transmission
Uniform load distribution all over the cross section
Offers less vibrations, absorb shocks, low stretch & excellent behaviour under tension.
Only one belt required. No matching. Uniform Tension
They are extremely flexible and capable of working on small pulley diameters & serpentine drives.
Oil & heat resistant offering long service life, suitable for HEMM applications.
Resistant to wear & tear, facilitates quiet running of the equipment.
High Surface speed combined with high-speed ratios

Power Rib Belts

PJ
PJ 381
PJ 432
PJ 457
PJ 483
PJ 508
PJ 559
PJ 610
PJ 660
PJ 711
PJ 723
PJ 762
PJ 813
PJ 838
PJ 864
PJ 914
PJ 965
PJ 991
PJ 1016
PJ 1083
PJ 1092
PJ 1168
PJ 1200
PJ 1210
PJ 1244
PJ 1285
PJ 1321
PJ 1355
PJ 1397
PJ 1475
PJ 1489
PJ 1549
PJ 1600
PJ 1651
PJ 1752
PJ 1854
PJ 1956

PL
PL 1270
PL 1397
PL 1422
PL 1562
PL 1613
PL 1664
PL 1715
PL 1764
PL 1803
PL 1943
PL 1981
PL 2020
PL 2070
PL 2095
PL 2134
PL 2134
PL 2197
PL2235
PL 2324
PL 2362
PL 2362
PL 2476
PL 2515
PL 2705
PL 2921
PL 2997
PL 3086
PL 3124
PL 3289
PL 3696
PL 4051
PL 4470

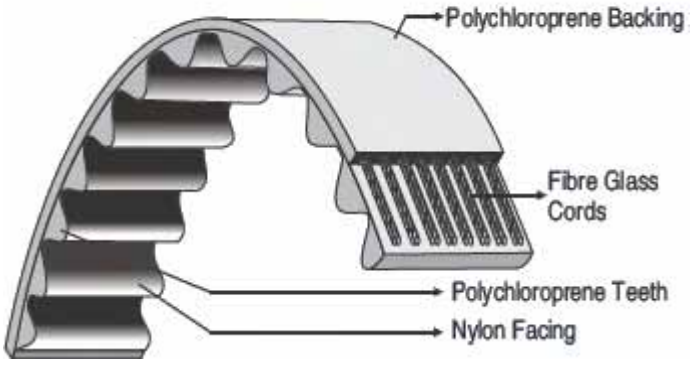
HTD Timing Belt

The PIX HTD Timing belt is a positive synchronous drive belt. HTD Timing belts have curved teeth, which engage with their pulley. These teeth prevent slip, any slip which does occur is extremely minor and is primarily due to belt stretch, or erosion of the grooves. These belts are used for power transfer and for synchronised drives to ensure that the driven pulley is always rotating at a fixed speed ratio to the driving pulley.

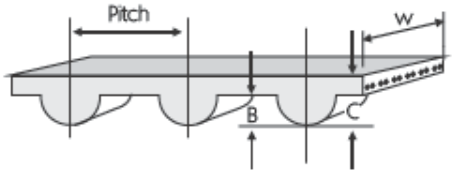
Finer Power Transmissions carry a range of PIX HTD Timing belts in 3M, 5M, 8M and 14M

Features

- Modified tooth profile for improved stress distribution.
- Reduced tooth jump due to deeper tooth design
- High efficiency due to positive engagement between belt teeth and pulley grooves.
- Reduced operating costs due to increase in efficiency
- Lower noise level
- No re-tensioning required
- Free from maintenance
- Increased power transmission capacity
- No high tension required



Section	Pitch (B)	Tooth Height (C)	Thickness	FPT Range
3M	3.00			111-1569
5M	5.00	2.10	3.80	180-2525
8M	8.00	3.48	6.00	424-2800
14M	14.00	6.25	10.00	966-2800



PIX BELTS & HOSES

HTD Timing Belt

3M HTD

Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth
111 3M	37	195 3M	65	291 3M	97	390 3M	130	525 3M	175	711 3M	237
129 3M	43	201 3M	67	294 3M	98	420 3M	140	531 3M	177	738 3M	246
141 3M	47	204 3M	68	300 3M	100	426 3M	142	537 3M	179	804 3M	268
144 3M	48	207 3M	69	312 3M	104	447 3M	149	558 3M	186	816 3M	272
150 3M	50	210 3M	70	315 3M	105	462 3M	154	564 3M	188	843 3M	281
165 3M	55	213 3M	71	318 3M	106	474 3M	158	570 3M	190	882 3M	294
168 3M	56	225 3M	75	330 3M	110	480 3M	160	597 3M	199	888 3M	296
171 3M	57	240 3M	80	339 3M	113	486 3M	162	600 3M	200	1062 3M	354
174 3M	58	252 3M	84	345 3M	115	495 3M	165	606 3M	202	1569 3M	523
177 3M	59	255 3M	85	357 3M	119	501 3M	167	615 3M	205		
180 3M	60	267 3M	89	363 3M	121	513 3M	171	633 3M	211		
186 3M	62	285 3M	95	366 3M	122	519 3M	173	669 3M	223		
192 3M	64	288 3M	96	384 3M	128	522 3M	174	675 3M	225		

5M HTD

Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth
180 5M	36	370 5M	74	550 5M	110	670 5M	134	900 5M	180	1400 5M	280
225 5M	45	375 5M	75	560 5M	112	700 5M	140	925 5M	185	1420 5M	284
250 5M	50	385 5M	77	565 5M	113	710 5M	142	935 5M	187	1425 5M	285
265 5M	53	400 5M	80	575 5M	115	720 5M	144	950 5M	190	1500 5M	300
270 5M	54	415 5M	83	580 5M	116	740 5M	148	965 5M	193	1595 5M	319
280 5M	56	425 5M	85	600 5M	120	750 5M	150	980 5M	196	1690 5M	338
295 5M	59	450 5M	90	610 5M	122	755 5M	151	1000 5M	200	1790 5M	358
305 5M	61	475 5M	95	615 5M	123	775 5M	155	1035 5M	207	1870 5M	374
325 5M	65	490 5M	98	630 5M	126	800 5M	160	1050 5M	210	1895 5M	379
330 5M	66	500 5M	100	635 5M	127	825 5M	165	1100 5M	220	2000 5M	400
340 5M	68	520 5M	104	640 5M	128	835 5M	167	1125 5M	225	2110 5M	422
350 5M	70	525 5M	105	645 5M	129	850 5M	170	1135 5M	227	2350 5M	470
360 5M	72	535 5M	107	650 5M	130	860 5M	172	1200 5M	240	2525 5M	505
365 5M	73	540 5M	108	665 5M	133	890 5M	178	1270 5M	254		

8M HTD

Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth
424 8M	53	712 8M	89	912 8M	114	1160 8M	145	1400 8M	175	2000 8M	250
480 8M	60	720 8M	90	920 8M	115	1184 8M	148	1424 8M	178	2080 8M	260
512 8M	64	760 8M	95	960 8M	120	1200 8M	150	1440 8M	180	2104 8M	263
520 8M	65	776 8M	97	976 8M	122	1216 8M	152	1520 8M	190	2240 8M	280
560 8M	70	784 8M	98	1000 8M	125	1224 8M	153	1552 8M	194	2248 8M	281
576 8M	72	800 8M	100	1040 8M	130	1248 8M	156	1600 8M	200	2272 8M	284
600 8M	75	824 8M	103	1056 8M	132	1256 8M	157	1680 8M	210	2400 8M	300
608 8M	76	840 8M	105	1064 8M	133	1280 8M	160	1696 8M	212	2504 8M	313
632 8M	79	848 8M	106	1080 8M	135	1304 8M	163	1728 8M	216	2600 8M	325
640 8M	80	856 8M	107	1096 8M	137	1328 8M	166	1800 8M	225	2800 8M	350
656 8M	82	880 8M	110	1120 8M	140	1344 8M	168	1904 8M	238		
680 8M	85	896 8M	112	1128 8M	141	1360 8M	170	1936 8M	242		

14M HTD

Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth	Belt	No. Teeth
966 14M	69	1190 14M	85	1610 14M	115	1890 14M	135	2310 14M	165	2590 14M	185
1092 14M	78	1400 14M	100	1778 14M	127	2100 14M	150	2450 14M	175	2800 14M	200

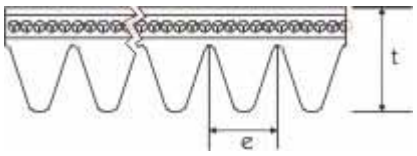
Automotive Ribbed Belts

PIX Power Rib Automotive belts are specially designed to suit the specific conditions faced by cars and trucks. PIX Power Rib Automotive belts combine the advantages of high flexibility with high power transmission.

Finer Power Transmissions carry a range of PIX Power Rib Automotive belts in the PK range.

Construction

1. High tensile tension member across full width of belt, for maximum utilisation of face width.
2. Ribbed driving surface for maximum area of contact and reduced face pressure.
3. Special rubber compound for high frictional grip and maximum tractive effort.



Belt Section	Rib Pitch	Thickness	Max. Belt Speed (m/s)	Min. Recommended dia.	FPT Range
PK	3.56	4.50	55	50	381 – 1956

Features

Trapezoid faced ribs on a fibre reinforced matrix of base gives higher power transmission
Uniform load distribution all over the cross section
Offers less vibrations, absorb shocks, low stretch & excellent behaviour under tension.
Only one belt required. No matching. Uniform Tension
They are extremely flexible and capable of working on small pulley diameters & serpentine drives.
Oil & heat resistant offering long service life.
Resistant to wear & tear, facilitates quiet running of the equipment.
High Surface speed combined with high-speed ratios

3K Automotive

3K0620	3K0635	3K0760	3K0815	3K0895

4K Automotive

4K0775	4K0845	4K0880	4K0915	4K0990
4K0800	4K0850	4K0890	4K0925	4K1000
4K0810	4K0855	4K0895	4K0940	4K1050
4K0815	4K0860	4K0900	4K0960	4K1100
4K0830	4K0875	4K0910	4K0980	4K1120

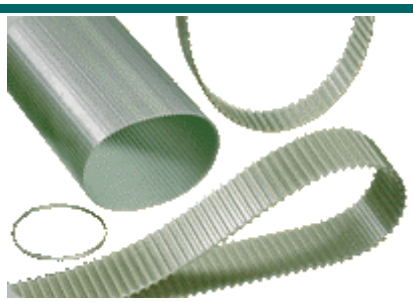
5K Automotive

5K0865	5K0880	5K0910	5K0975	5K1120	5K1245
5K0875	5K0900	5K0965	5K1110	5K1135	5K1345

6K Automotive

6K1190	6K1650	6K2350	6K2370	6K2380	6K2720	6K2825

Polyurethane Timing Belts



Timing belts made of Polyurethane with steel lacing tension cord and trapezoid formed teeth.

Applications:

Type T2,5: power transmission up to 0.5 kW, electro mechanical design, e.g. film cameras
Type T5: power transmission up to 2 kW, e.g. grinding, kitchen and office machines
Type T10: power transmission up to 20 kW, e.g. textile, printing and tool machines, pumps, compressors, bellows

Finer Power Transmissions stocks a range of Strongbelt sleeves, these are cut to ordered widths.

Type: T2.5

Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth
120	48	200	80	277.5	111	330	132	500	200	915	366
145	58	210	84	285	114	342.5	137	540	216	950	380
160	64	230	92	290	116	380	152	600	240		
177.5	71	245	98	305	122	420	168	650	260		
180	72	265	106	317.5	127	480	192	780	312		

Type: T5

Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth
165	33	300	60	420	84	550	110	700	140	1075	215
185	37	305	61	425	85	560	112	720	144	1100	220
200	40	320	64	430	86	575	115	725	145	1115	223
215	43	325	65	440	88	590	118	750	150	1140	228
220	44	330	66	445	89	600	120	780	156	1215	243
225	45	340	68	450	90	610	122	800	160	1315	263
245	49	350	70	455	91	620	124	815	163	1350	270
250	50	355	71	460	92	625	125	840	168	1380	276
255	51	360	72	475	95	630	126	850	170	1440	288
260	52	365	73	480	96	640	128	860	172		
270	54	375	75	500	100	650	130	900	180		
275	55	390	78	510	102	660	132	940	188		
280	56	400	80	525	105	675	135	990	198		
295	59	410	82	545	109	690	138	1000	200		

Type: T10

Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth
260	26	600	60	840	84	1010	101	1320	132	1700	170
320	32	610	61	850	85	1050	105	1350	135	1750	175
350	35	630	63	880	88	1080	108	1390	139	1780	178
370	37	650	65	890	89	1100	110	1400	140	1800	180
400	40	660	66	900	90	1110	111	1420	142	1880	188
410	41	690	69	910	91	1140	114	1440	144	1960	196
440	44	700	70	920	92	1140	114	1450	145	2250	225
450	45	720	72	950	95	1200	120	1460	146		
500	50	750	75	960	96	1210	121	1500	150		
530	53	780	78	970	97	1240	124	1560	156		
550	55	800	80	980	98	1250	125	1600	160		
560	56	810	81	1000	100	1300	130	1610	161		

Polyurethane Timing Belts

Type: AT5

Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth
225	45	375	75	500	100	710	142	860	172
255	51	390	78	545	109	720	144	975	195
280	56	420	84	600	120	750	150	1050	210
300	60	450	90	610	122	780	156	1125	225
340	68	455	91	660	132	825	165	1500	300

Type: AT10

Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth	Belt Length	Teeth
500	50	780	78	1010	101	1280	128	1500	150
530	53	800	80	1050	105	1300	130	1600	160
560	56	840	84	1080	108	1320	132	1700	170
600	60	890	89	1100	110	1350	135	1720	172
610	61	920	92	1150	115	1360	136	1800	180
660	66	960	96	1200	120	1400	140	1860	186
700	70	980	98	1210	121	1420	142	1940	194
730	73	100	100	1250	125	1480	148		

"Why Compete Against Your Supplier When You Can Be Our Partner"

Pulleys Index

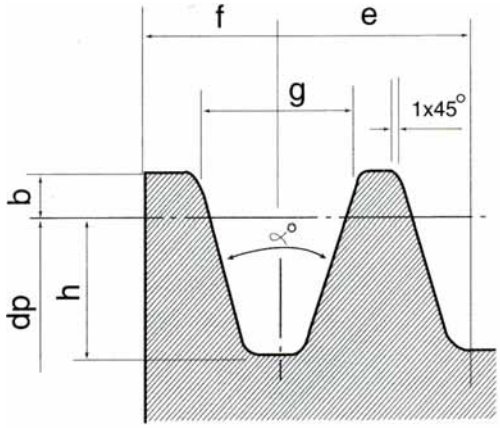
“Australia’s Only Genuine Wholesaler”

V-Belt Pulley

Finer stock a range of quality V-Belt Pulleys. Constructed from cast iron, each pulley is Taper Locked to accommodate a range of shaft sizes.

Finer pulleys under go stringent balancing tests, to ensure each pulley functions efficiently. The pulleys are finished in a black coating; this acts as a primer to help protect the pulleys from environmental factors.

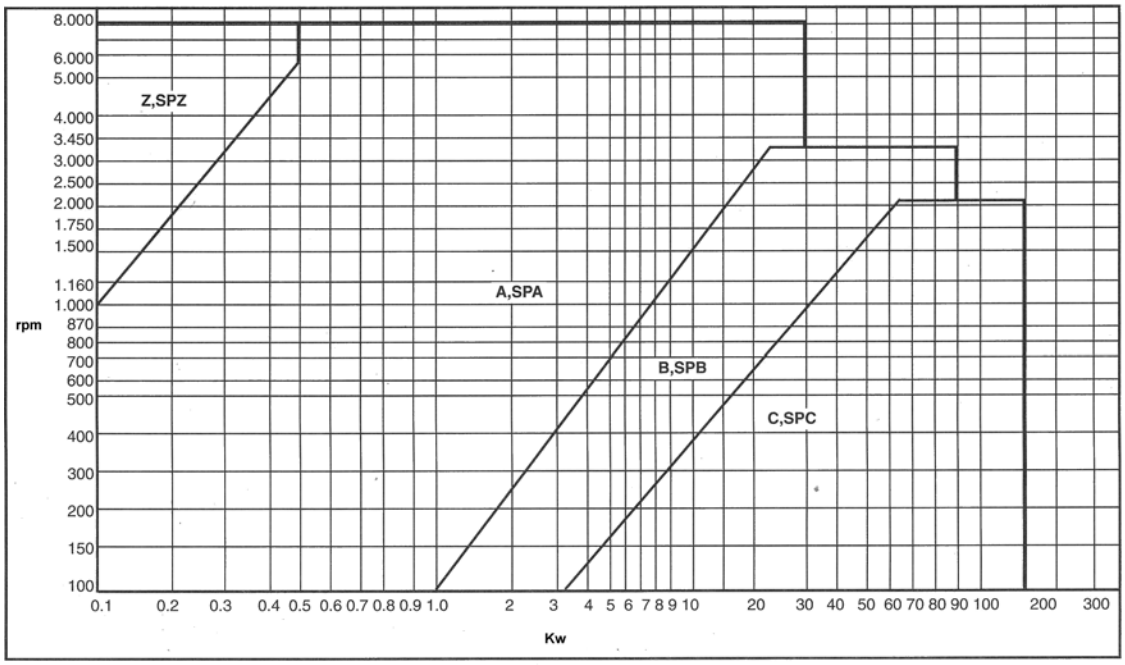
Finer Power Transmissions carry a range of Taper Lock V-Belt Pulleys in: SPZ, SPA, SPB and SPC.



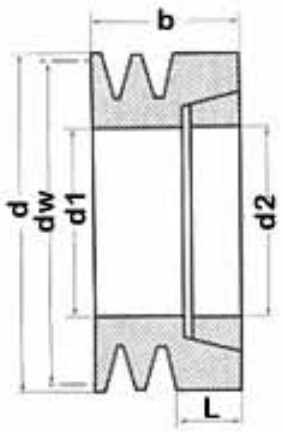
Groove Dimensions

Size	dp	ϕ°	f	e	g	h	b
SPZ	<80	34	8	12	9.7	9	2
	>80	38			9.9		
SPA	<118	34	10	15	12.7	11	2.75
	>118	38			12.9		
SPB	<190	34	12.5	19	16.1	14	3.5
	>190	38			16.4		
SPC	<315	34	17	25.5	21.9	19	4.8
	>315	38			22.3		

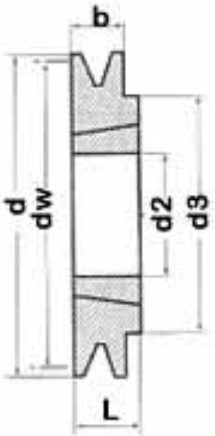
V-Belt Pulley Selection Table



V-Belt Pulley



Type 1



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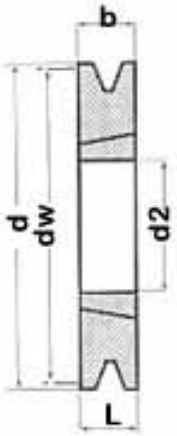

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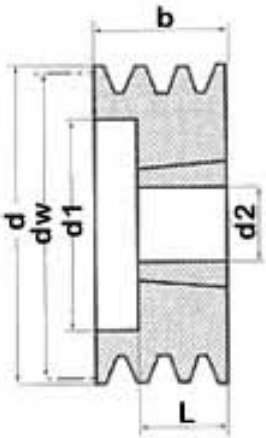
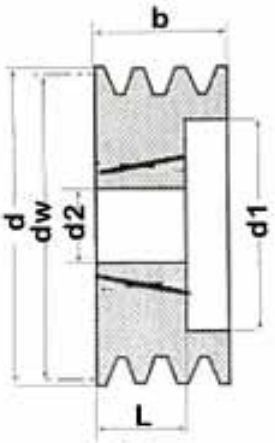


Type 4



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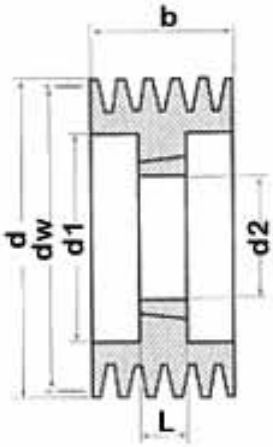
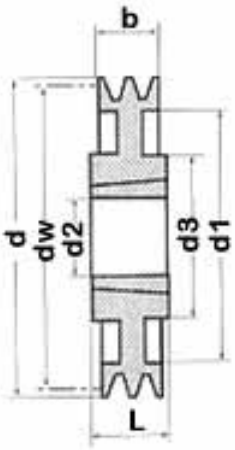


Type 6



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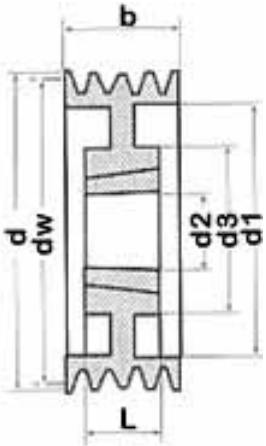
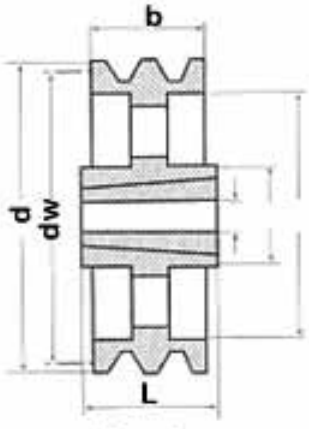


Type 8



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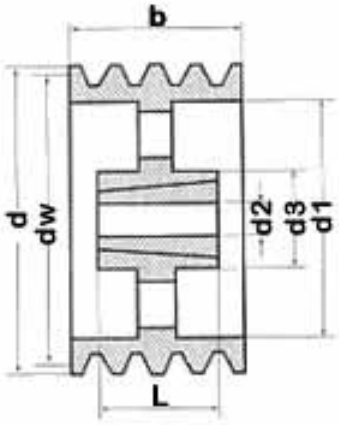
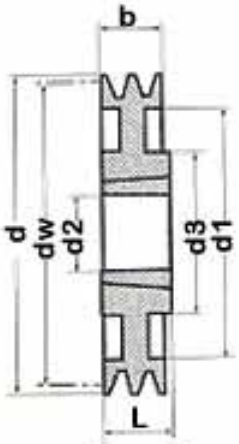


Type 10



Type 11

SPA Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
75	1	1108	28	2	22	20	60		80.6	0.5
	2	1108	28	4	22	35		41	80.6	0.7
80	1	1210	32	2	25	20	76		85.6	.5
	2	1210	32	4	25	35		46	85.6	.75
	3	1210	32	4	25	50		46	85.6	.95
85	1	1210	32	2	25	20	76		90.6	.6
	2	1210	32	4	25	35		51	90.6	.8
	3	1210	32	4	25	50		51	90.6	1.00
90	1	1210	32	2	25	20	76		95.6	.7
	2	1610	42	4	25	35		56	95.6	.8
	3	1610	42	4	25	50		56	95.6	1.05
	4	1615	42	4	38	65		56	95.6	1.35
95	1	1210	32	2	25	20	76		100.6	.8
	2	1610	42	4	25	35		61	100.6	1
	3	1610	42	4	25	50		61	100.6	1.2
	4	1615	42	4	38	65		61	100.6	1.5
100	1	1610	42	2	25	20	86		105.6	.85
	2	1610	42	4	25	35		66	105.6	1
	3	1610	42	5	25	50		66	105.6	1.40
	4	1615	42	5	38	65		66	105.6	1.8
	5	1615	42	4	38	80		66	105.6	2.2
	6	1615	42	6	38	95		66	105.6	2.35
106	1	1610	42	2	25	20	86		111.6	1
	2	1610	42	4	25	35		72	111.6	1.3
	3	1610	42	5	25	50		72	111.6	1.5
	4	2012	50	4	32	65		72	111.6	1.7
	5	2012	50	4	32	80		72	111.6	2.10
	6	2012	50	4	32	95		72	111.6	2.4
112	1	1610	42	2	25	20	86		117.6	1.05
	2	1610	42	4	25	35		78	117.6	1.35
	3	2012	50	4	32	50		78	117.6	1.8
	4	2012	50	4	32	65		78	117.6	2
	5	2012	50	4	32	80		78	117.6	2.5
	6	2012	50	4	32	95		78	117.6	2.7
118	1	1610	42	2	42	2	86		123.6	1.2
	2	1610	42	4	42	4		84	123.6	1.6
	3	2012	50	4	50	5		84	123.6	1.85
	4	2012	50	4	50	5		84	123.6	2.2
	5	2012	50	4	50	5		84	123.6	2.7
	6	2012	50	4	50	4		84	123.6	3
125	1	1610	42	2	25	20	86		130.6	1.35
	2	1610	42	5	25	35		91	130.6	1.85
	3	2012	50	5	32	50		91	130.6	2.25
	4	2012	50	5	32	65		91	130.6	2.7
	5	2012	50	5	32	80		91	130.6	3.1
	6	2012	50	6	32	95		91	130.6	3.5
132	1	1610	42	2	25	20	86		137.6	1.6
	2	2012	50	5	32	35		98	137.6	2.1
	3	2012	50	5	32	50		98	137.6	2.55
	4	2517	60	5	45	65		98	137.6	2.8
	5	2517	60	5	45	80		98	137.6	3.3
	6	2517	60	6	45	95		98	137.6	3.8
140	1	1610	42	2	25	20	86		145.6	1.8
	2	2012	50	5	32	35		106	145.6	2.5
	3	2517	60	5	45	50		106	145.6	2.8
	4	2517	60	5	45	65		106	145.6	3.8
	5	2517	60	5	45	80		106	145.6	4
	6	2517	60	6	45	95		106	145.6	4.65

SPA Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
150	1	1610	42	2	25	20	86		155.6	2.2
	2	2012	50	5	32	35		116	155.6	3
	3	2517	60	5	45	50		116	155.6	3.55
	4	2517	60	5	45	65		116	155.6	4.1
	5	2517	60	5	45	80		116	155.6	4.9
	6	2517	60	6	45	95		116	155.6	5.2
160	1	1610	42	7	25	20	86		165.6	1.85
	2	2012	50	5	32	35		126	165.6	3.5
	3	2517	60	5	45	50		126	165.6	4.4
	4	2517	60	5	45	65		126	165.6	5.1
	5	2517	60	5	45	80		126	165.6	5.5
	6	2517	60	6	45	95		126	165.6	6.2
180	1	1610	42	7	25	20	86	146	185.6	2
	2	2012	50	8	32	35	105	146	185.6	3.8
	3	2517	60	5	45	50		146	185.6	6
	4	2517	60	5	45	65		146	185.6	6.65
	5	3020	75	5	51	80		146	185.6	6.8
	6	3020	75	6	51	95		146	185.6	9.3
200	1	2012	50	7	32	20	105	166	205.6	3
	2	2517	60	7	45	35	120	166	205.6	4.4
	3	2517	60	8	45	50	120	166	205.6	5.2
	4	3020	75	5	51	65		166	205.6	8.3
	5	3020	75	6	51	80		166	205.6	8.9
	6	3020	75	6	51	95		166	205.6	9.8
	8									
212	1	2012	50	7	32	20	105	178	217.6	3.2
224	1	2012	50	9	32	20	105	190	229.6	3.25
	2	2517	60	7	45	35	120	190	229.6	5.25
	3	2517	60	8	45	50	120	190	229.6	6.2
	4	3020	75	5	51	65		190	229.6	11.2
	5	3020	75	5	51	80		190	229.6	12.1
	6	3020	75	6	51	95		190	229.6	13.4
250	1	2012	50	9	32	20	105	216	255.6	3.8
	2	2517	60	9	45	35	120	216	255.6	5.8
	3	2517	60	8	45	50	120	216	255.6	6.55
	4	3020	75	8	51	65	155	216	255.6	9.7
	5	3020	75	8	51	80	155	216	255.6	10.5
	6	3020	75	8	51	95	155	216	255.6	11.7
280	1	2012	50	9	32	20	105	246	285.6	4.7
	2	2517	60	9	45	35	120	246	285.6	6.4
	3	2517	60	8	45	50	120	246	285.6	8.9
	4	3020	75	8	51	65	155	246	285.6	10.40
	5	3535	90	7	89	80	175	246	285.6	15.1
	6	3535	90	8	89	95	175	246	285.6	16.7
315	1	2012	50	9	32	20	105	281	320.6	4.9
	2	2517	60	9	45	35	120	281	320.6	7.5
	3	3020	75	7	51	50	155	281	320.6	11.8
	4	3020	75	8	51	65	155	281	320.6	15.5
	5	3535	90	7	89	80	175	281	320.6	17.3
	6	3535	90	10	89	95	175	281	320.6	18.9
355	1	2012	50	9	32	20	105	321	360.6	5.5
	2	2517	60	9	45	35	120	321	360.6	8.8
	3	3020	75	9	51	50	155	321	360.6	12.2
	4	3020	75	10	51	65	155	321	360.6	13.5
	5	3535	90	9	89	80	175	321	360.6	20.2
	6	3535	90	10	89	95	175	321	360.6	21

SPA Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
400	1	2012	50	9	32	20	105	366	405.6	5.91
	2	2517	60	9	45	35	120	366	405.6	9.35
	3	3020	75	9	51	50	155	366	405.6	13.32
	4	3020	75	10	51	65	155	366	405.6	15.45
	5	3535	90	9	89	80	175	366	405.6	22.09
	6	3535	90	10	89	95	175	366	405.6	24.25
450	1	2012	50	9	32	20	105	416	455.6	6.77
	2	2517	60	9	45	35	120	416	455.6	10.62
	3	3020	75	9	51	50	155	416	455.6	15.11
	4	3020	75	10	51	65	155	416	455.6	17.94
	5	3535	90	9	89	80	175	416	455.6	24.65
	6	3535	90	10	89	95	175	416	455.6	27.31
500	2	2517	60	9	45	35	120	466	505.6	12.11
	3	3020	75	9	51	50	155	466	505.6	17.09
	4	3020	75	10	51	65	155	466	505.6	20.07
	5	3535	90	9	89	80	175	466	505.6	27.33
	6	3535	90	10	89	95	175	466	505.6	30.55
630	2	3020	75	9	51	35	155	596	635.6	17.8
	3	3020	75	9	51	50	155	596	635.6	22.68
	4	3535	90	9	89	65	175	596	635.6	31.17
	5	3535	90	9	89	80	175	596	635.6	35.31
	6	4040	100	9	102	95	205	596	635.6	47.72
800	3	3535	90	9	89	50	175	766	805.6	34.76
	4	3535	90	9	89	65	175	766	805.6	41.11
	5	4040	100	9	102	80	205	766	805.6	54.54
	6	4040	100	9	102	95	205	766	805.6	59.75
1000	3	3535	90	9	89	50	175	966	1005.6	45.99
	4	4040	100	9	102	65	205	966	1005.6	63.94
	5	4545	110	9	114	80	235	966	1005.6	76.41
	6	4545	110	9	114	95	235	966	1005.6	85.40

"Why Compete Against Your Supplier When You Can Be Our Partner"

SPB Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
100	1	1610	42	3	25	25			107	.88
	2	1610	42	4	44	44		57	107	1.3
	3	1610	42	4	63	63		57	107	1.8
112	1	1610	42	3	25	25			119	1.21
	2	1610	42	4	25	44		69	119	1.72
	3	1610	42	4	25	63		69	119	2.29
118	1	1610	42	3	25	25			125	1.4
	2	1610	42	4	25	44		75	125	1.94
	3	1610	42	4	25	63		75	125	2.55
125	1	1610	42	3	25	25			132	1.63
	2	2012	50	5	32	44		82	132	2.07
	3	2012	50	5	32	63		82	132	2.73
	4	2012	50	6	32	82		82	132	3.39
	5	2012	50	4	32	101		82	132	4.05
132	1	1610	42	3	25	25			139	1.87
	2	2012	50	5	32	44		89	139	2.4
	3	2012	50	5	32	63		89	139	3.11
	4	2012	50	6	32	82		89	139	3.82
	5	2012	50	6	32	101		89	139	4.2
140	1	1610	42	3	25	25			147	2.16
	2	2012	50	5	32	44		97	147	2.81
	3	2012	50	5	32	63		97	147	3.56
	4	2517	60	5	45	82		97	147	4.85
	5	2517	60	5	45	101		97	147	4.49
	6	2517	60	6	45	120		97	147	5.53
150	1	1610	42	3	25	25			157	2.55
	2	2012	50	5	32	44		107	157	3.34
	3	2517	60	5	45	63		107	157	4.1
	4	2517	60	5	45	82		107	157	6.26
	5	2517	60	6	45	101		107	157	5.73
	6	2517	60	6	45	120		107	157	6.56
160	1	1610	42	3	25	25			167	2.97
	2	2012	50	5	32	44		117	167	3.92
	3	2517	60	5	45	63		117	167	4.7
	4	2517	60	6	45	82		117	167	5.78
	5	2517	60	6	45	101		117	167	6.67
	6	3020	75	6	51	120		117	167	6.20
170	1	1610	42	7	25	25	92	127	177	3.42
	2	2012	50	5	32	44		127	177	4.62
	3	2517	60	5	45	63		127	177	5.30
	4	2517	60	6	45	82		127	177	6.71
	5	3020	75	6	51	101		127	177	6.76
	6	3020	75	6	51	120		127	177	7.71
180	1	1610	42	7	25	25	92	137	187	3.9
	2	2517	60	2	45	44	120	137	187	5.62
	3	2517	60	5	45	63		137	187	6.91
	4	2517	60	6	45	82		137	187	7.68
	5	3020	75	6	51	101		137	187	7.89
	6	3020	75	6	51	120		137	187	8.91
	8	3020	75	6	51	158		137	187	12.21
190	1	2012	50	11	32	25	105	147	197	4.12
	2	2517	60	2	45	44	120	147	197	6.5
	3	2517	60	5	45	63		147	197	8.1
	4	2517	60	6	45	82		147	197	8.71
	5	3020	75	6	51	101		147	197	9.08
	6	3020	75	6	51	120		147	197	10.16
	8	3030	75	6	76	158		147	197	14.11

SPB Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
200	1	2012	50	11	32	25	105	157	207	4.64
	2	2517	60	2	45	44	120	157	207	7.53
	3	2517	60	5	45	63		157	207	9.31
	4	3020	75	5	51	82		157	207	9.38
	5	3020	75	5	51	101		157	207	10.58
	6	3020	75	6	51	120		157	207	11.78
	8	3535	90	6	89	158		157	207	15.22
212	1	2012	50	11	32	25	105	169	219	5.31
	2	2517	60	2	45	44	120	169	219	8.56
	3	2517	60	5	45	63		169	219	9.9
	4	3020	75	5	51	82		169	219	10.89
	5	3020	75	5	51	101		169	219	12.17
	6	3535	90	6	89	120		169	219	15.35
224	1	2012	50	11	32	25	105	181	231	6.01
	2	2517	60	2	45	44	120	181	231	9.60
	3	2517	60	5	45	63		181	231	11.30
	4	3020	75	5	51	82		181	231	12.48
	5	3020	75	5	51	101		181	231	13.89
	6	3535	90	6	89	120		181	231	18.02
	8	3535	90	6	89	158		181	231	20.75
236	1	2012	50	11	32	25	105	193	243	6.76
	2	2517	60	2	45	44	120	193	243	10.62
	3	2517	60	10	45	63	120	193	243	7.72
	4	3020	75	8	51	82	155	193	243	14.16
	5	3535	90	4	89	101		193	243	19.39
	6	3535	90	6	89	120		193	243	20.84
250	1	2012	50	11	32	25	105	207	257	7.68
	2	2517	60	9	45	44	120	207	257	6.7
	3	3020	75	5	45	63		207	257	12.6
	4	3020	75	5	51	82		207	257	16.08
	5	3535	90	5	89	101		207	257	22.77
	6	3535	90	6	89	120		207	257	24.31
	8	3535	90	6	89	158		207	257	27.39
280	1	2012	50	9	32	25	105	237	287	4.13
	2	2517	60	9	45	44	120	237	287	7.53
	3	3020	75	10	51	63	155	237	287	10.74
	4	3020	75	8	51	82	155	237	287	13.4
	5	3535	90	8	89	101	175	237	287	19.15
	6	3535	90	8	89	120	175	237	287	21.04
300	1	2012	50							
	2	2517	60	9	45	44	120	257	307	8.14
	3	3020	75	10	51	63	155	257	307	11.64
	4	3020	75	8	51	82	155	257	307	14.92
	5	3535	90	8	89	101	175	257	307	20.67
	6	3535	90	8	89	120	175	257	307	22.75
315	2	2517	60	9	45	44	120	272	322	8.66
	3	3020	75	10	51	63	155	272	322	12.21
	4	3535	90	7	89	82	175	272	322	19.81
	5	3535	90	8	89	101	175	272	322	21.75
	6	3535	90	8	89	120	175	272	322	23.98
355	2	3020	75	9	51	44	155	312	362	11.74
	3	3020	75	10	51	63	155	312	362	14.24
	4	3535	90	9	89	82	175	312	362	15.5
	5	3535	90	10	89	101	175	312	362	23.46
	6	3535	90	8	89	120	175	312	362	27.75
	8	3535	90	10	89	158	175	312	362	31.6

SPB Pulley (taper-lock)

Pulley	Grooves	Bush	d2	Type	L	b	d3	d1	d	App.
400	2	3020	75	9	51	44	155	357	407	13.87
	3	3535	90	9	89	63	175	357	407	18.60
	4	3535	90	9	89	82	175	357	407	23.15
	5	3535	90	10	89	101	175	357	407	26.63
	6	3535	90	10	89	120	175	357	407	29.36
450	3	3535	90	9	89	63	175	407	457	21.30
	5	3535	90	10	89	101	175	407	457	32.84
500	2	3020	75	9	51	44	155	457	507	18.12
	3	3535	90	9	89	63	175	457	507	24.7
	4	3535	90	9	89	82	175	457	507	32.92
	5	3535	90	10	89	101	175	457	507	39.08
	6	4040	100	10	102	120	205	457	507	48.28
630	2	3020	75	9	51	44	155	587	637	27.66
	3	3535	90	9	89	63	175	587	637	37.2
	4	3535	90	9	89	82	175	587	637	43.62
	5	4040	100	9	102	101	205	587	637	53.11
	6	4040	100	10	102	120	205	587	637	61.62
	8	4545	110	10	114	158	235	587	637	59.86
800	3	3535	90	9	89	63	175	757	807	52.39
	4	4040	100	9	102	82	205	757	807	65.8
	5	4040	100	9	102	101	205	757	807	74.87
	6	4545	110	10	114	120	235	757	807	89.49
	8	4545	110	10	114	158	235	757	807	109.62

"Australia's Only Genuine Wholesaler"

SPC Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
200	3	2517	60	6	45	85		144	209.6	10.41
	4	3020	75	6	51	110.5		144	209.6	11.57
	5	3535	90	6	89	136		144	209.6	14.38
	6	3535	90	6	89	161.5		144	209.6	16.13
	8	3535	90	6	89	212.5		144	209.6	16.93
212	3	3020	75	6	51	85		156	221.6	11.35
	4	3020	75	6	51	110.5		156	221.6	13.22
	5	3535	90	6	89	136		156	221.6	16.98
	6	3535	90	6	89	161.5		156	221.6	18.85
	8	3535	90	6	89	212.5		156	221.6	22.59
224	2	3020	75	6	51	59.5		168	233.6	10.97
	3	3020	75	6	51	85		168	233.6	12.97
	4	3535	90	6	89	110.5		168	233.6	17.72
	5	3535	90	6	89	136		168	233.6	19.71
	6	3535	90	6	89	161.5		168	233.6	21.71
	8	3535	90	6	89	212.5		168	233.6	25.69
236	3	3020	75	6	51	85		180	245.6	14.67
	4	3535	90	6	89	110.5		180	245.6	20.49
	5	3535	90	6	89	136		180	245.6	22.6
	6	3535	90	6	89	161.5		180	245.6	24.72
	8	3535	90	6	89	212.5		180	245.6	28.94
250	3	3020	75	6	51	85		194	259.6	16.76
	4	3535	90	6	89	110.5		194	259.6	23.91
	5	3535	90	6	89	136		194	259.6	26.16
	6	3535	90	6	89	161.5		194	259.6	28.42
	8	3535	90	6	102	212.5		194	259.6	32.93
265	3	3535	90	2	89	85	175		274.6	25.04
	4	3535	90	8	89	110.5	175	209	274.6	21.11
	5	3535	90	8	89	136	175	209	274.6	23.52
	6	3535	90	8	89	161.5	175	209	274.6	26.01
	8	3535	90	8	89	212.5	175	209	274.6	30.91
280	3	3535	90	2	89	85	175		289.6	19.55
	4	3535	90	8	89	110.5	175	224	289.6	22.23
	5	3535	90	8	89	136	175	224	289.6	24.91
	6	3535	90	8	89	161.5	175	224	289.6	27.6
	8	3535	90	8	89	212.5	175	224	289.6	32.84
300	3	3535	90	7	89	85	175	244	309.6	21.01
	4	3535	90	8	89	110.5	175	244	309.6	23.95
	5	3535	90	8	89	136	175	244	309.6	26.89
	6	3535	90	8	89	161.5	175	244	309.6	29.83
	8	4040	100	6	102	212.5		244	309.6	49.93
315	3	3535	90	7	89	85	175	259	324.6	22.04
	4	3535	90	8	89	110.5	175	259	324.6	25.18
	5	3535	90	8	89	136	175	259	324.6	28.32
	6	3535	90	8	89	161.5	175	259	324.6	31.45
	8	4040	100	6	102	212.5		259	324.6	44.28
335	3	3535	90	7	89	85	175	279	344.6	22.60
	4	3535	90	8	89	110.5	175	279	344.6	27.60
	5	3535	90	8	89	136	175	279	344.6	31.11
	6	3535	90	8	89	161.5	175	279	344.6	34.62
	8	4040	100	8	102	212.5	205	279	344.6	47.97
355	3	3535	90	7	89	85	175	299	364.6	26.01
	4	3535	90	8	89	110.5	175	299	364.6	29.44
	5	3535	90	8	89	136	175	299	364.6	33.23
	6	3535	90	8	89	161.5	175	299	364.6	37.02
	8	4040	100	8	102	212.5	205	299	364.6	51.05

SPC Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
375	3	3535	90	7	89	85	175	319	384.6	25.1
	4	3535	90	8	89	110.5	175	319	384.6	30.72
	5	3535	90	8	89	136	175	319	384.6	35.84
	6	4040	100	8	102	161.5	205	319	384.6	46.39
	8	4545	110	8	114	212.5	235	319	384.6	59.70
400	3	3535	90	9	89	85	175	344	409.6	28.14
	4	3535	90	10	89	110.5	175	344	409.6	33.24
	5	3535	90	10	89	136	175	344	409.6	38.32
	6	4040	100	8	102	161.5	205	344	409.6	50.20
	8	4545	110	8	114	212.5	235	344	409.6	63.87
425	3	3535	90	9	89	85	175	369	434.6	28.75
	4	3535	90	10	89	110.5	175	369	434.6	33.76
	5	3535	90	8	102	136	205	369	434.6	45.51
	6	4040	100	8	114	161.5	235	369	434.6	56.22
	8	4545	110	8	114	212.5	235	369	434.6	64.97
450	3	3535	90	9	89	85	175	394	459.6	30.39
	4	3535	90	10	89	110.5	175	394	459.6	35.9
	5	4040	100	10	102	136	205	394	459.6	47.85
	6	4545	110	8	114	161.5	235	394	459.6	58.92
	8	5050	125	8	127	212.5	260	394	459.6	73.99
475	3	3535	90	9	89	85	175	419	484.6	32.46
	4	3535	90	10	89	110.5	175	419	484.6	38.41
	5	4040	100	10	102	136	205	419	484.6	50.60
	6	4545	110	8	114	161.5	235	419	484.6	61.46
	8	5050	125	8	127	212.5	260	419	484.6	77.64
500	3	3535	90	9	89	85	175	444	509.6	34.52
	4	3535	90	10	89	110.5	175	444	509.6	41.06
	5	4040	100	10	102	136	205	444	509.6	53.49
	6	4545	110	10	114	161.5	235	444	509.6	64.69
	8	5050	125	8	127	212.5	260	444	509.6	81.31
530	3	3535	90	9	89	85	175	474	539.6	36.82
	4	4040	100	10	102	110.5	205	474	539.6	50.27
	5	4040	100	10	114	136	235	474	539.6	62.18
	6	4545	110	10	127	161.5	235	474	539.6	73.77
	8	5050	125	10	127	212.5	260	474	539.6	85.60
560	3	3535	90	9	89	85	175	504	569.6	39.41
	4	4040	100	10	102	110.5	205	504	569.6	53.43
	5	4545	110	10	114	136	235	504	569.6	65.72
	6	5050	125	10	127	161.5	260	504	569.6	77.67
	8	5050	125	10	127	212.5	260	504	569.6	90.9
630	3	4040	100	9	102	85	205	574	639.6	52.10
	4	4545	110	9	114	110.5	235	574	639.6	66.03
	5	5050	125	10	127	136	260	574	639.6	79.3
	6	5050	125	10	127	161.5	260	574	639.6	87.39
	8	5050	125	10	127	212.5	260	574	639.6	102.88
800	3	4545	110	9	114	85	235	744	809.6	72
	4	5050	125	9	127	110.5	260	744	809.6	90.77
	5	5050	125	10	127	136	260	744	809.6	102.46
	6	5050	125	10	127	161.5	260	744	809.6	113.65
	8	5050	125	10	127	212.5	260	744	809.6	136.55
1000	4	5050	125	9	127	110.5	260	944	1009.6	117.11
	5	5050	125	10	127	136	260	944	1009.6	133.59
	6	5050	125	10	127	161.5	260	944	1009.6	149.8
	8	5050	125	10	127	212.5	260	944	1009.6	181.35

SPZ Pulley (taper-lock)

Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
56	1	1008	25	1	25	38		25.5	54	0.45
	2	1108	28	1	22	50		25.5	54	0.53
60	1	1008	25	2	22	16	58		64	0.25
	2	1108	28	1	22	49		35	64	0.6
63	1	1108	28	2	22	16	60		67	0.3
	2	1108	28	4	22	28		38	67	0.4
	3	1108	28	4	22	40		38	67	0.16
67	1	1108	28	2	22	16	60		71	0.3
	2	1108	28	4	22	28		38	71	0.42
	3	1108	28	4	22	40		38	71	0.57
71	1	1108	28	2	22	16	60		75	0.4
	2	1108	28	4	22	28		42	75	0.5
	3	1108	28	4	22	40		42	75	0.6
75	1	1108	28	2	25	16	60		79	0.5
	2	1210	32	4	25	28		48	79	0.5
	3	1210	32	4	25	40		48	79	0.6
80	1	1210	32	2	25	16	76		84	0.4
	2	1210	32	4	25	28		51	84	0.5
	3	1210	32	4	25	40		51	84	0.7
	4	1210	32	4	25	52		51	84	0.8
85	1	1210	32	2	25	16	76		89	0.5
	2	1610	42	4	25	28		56	89	0.6
	3	1610	42	4	25	40		56	89	0.8
	4	1610	42	4	25	52		56	89	0.9
90	1	1210	32	2	25	16	76		94	0.7
	2	1610	42	4	25	28		61	94	0.8
	3	1610	42	4	25	40		61	94	0.9
	4	1610	42	4	25	52		61	94	1.2
95	1	1210	32	2	25	16	76		99	0.8
	2	1610	42	4	25	28		66	99	0.9
	3	1610	42	4	25	40		66	99	1.06
	4	1610	42	4	25	52		66	99	1.2
100	1	1210	32	2	25	16	76		104	0.9
	2	1610	42	4	25	28		71	104	1
	3	1610	42	4	25	40		71	104	1.2
	4	1610	42	4	25	52		71	104	1.4
106	1	1610	42	2	25	16	86		110	1.1
	2	1610	42	4	25	28		77	110	1.2
	3	1610	42	4	25	40		77	110	1.3
	4	1610	42	4	25	52		77	110	1.7
112	1	1610	42	2	25	16	86		116	1.15
	2	1610	42	4	25	28		83	116	1.3
	3	2012	50	4	32	40		83	116	1.4
	4	2012	50	4	32	52		83	116	1.7
118	1	1610	42	2	25	16	86		122	1.2
	2	1610	42	4	25	28		89	122	1.5
	3	2012	50	4	32	40		89	122	1.6
	4	2012	50	4	32	52		89	122	2
125	1	1610	42	2	25	16	86		129	1.3
	2	1610	42	4	25	28		96	129	1.8
	3	2012	50	5	32	40		96	129	2
	4	2012	50	5	32	52		96	129	2.3

SPZ Pulley (taper-lock)

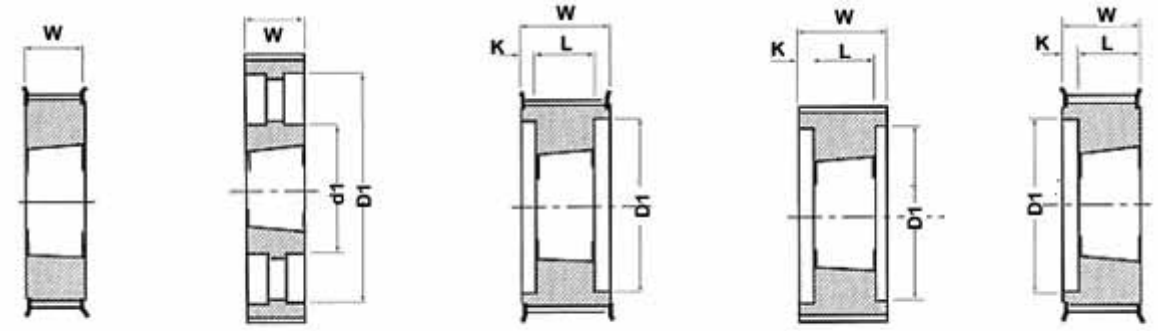
Pulley (dw)	Grooves	Bush	d2 Max	Type	L	b	d3	d1	d	App. Kg
132	1	1610	42	2	25	16	86		136	1.5
	2	1610	42	4	25	28		103	136	2
	3	2012	50	5	32	40		103	136	2.4
	4	2012	50	5	32	52		103	136	2.7
140	1	1610	42	2	25	16	86		144	1.6
	2	1610	42	5	25	28		111	144	2.4
	3	2012	50	5	32	40		111	144	2.8
	4	2012	50	5	32	52		111	144	3.1
150	1	1610	42	2	25	16	86		154	2
	2	2012	50	2	32	28	105		154	2.8
	3	2012	50	5	32	40		121	154	3.4
	4	2517	60	5	45	52		121	154	3.8
160	1	1610	42	11	25	16	86		164	1.7
	2	2012	50	2	32	28	105		164	3.3
	3	2012	50	5	32	40		121	164	3.9
	4	2517	60	5	45	52		121	164	4.6
180	1	1610	42	11	25	16	86		184	2
	2	2012	50	11	32	28	105	151	184	3
	3	2012	50	8	32	40	105	151	184	3.6
	4	2517	60	8	45	52	120	151	184	6.5
200	1	2012	50	11	32	16	105		204	2.7
	2	2012	50	11	32	28	105		204	3.3
	3	2012	50	8	32	40	105	171	204	4
	4	2517	60	8	45	52	120	171	204	5.2
224	1	2012	50	7	32	16	105	195	228	3
	2	2012	50	7	32	28	105	195	228	3.7
	3	2012	50	8	32	40	105	195	228	4.4
	4	2517	60	8	45	52	120	195	228	6
250	1	2012	50	9	32	16	105	221	254	2.8
	2	2012	50	9	32	28	105	221	254	4
	3	2012	50	10	32	40	105	221	254	4.6
	4	2517	60	10	45	52	120	221	254	7
280	1	2012	50	9	32	16	105	251	284	3.5
	2	2012	50	9	32	28	105	251	284	4.4
	3	2517	60	9	45	40	120	251	284	6.4
	4	2517	60	10	45	52	120	251	284	7.6
315	1	2012	50	9	32	16	105	286	319	3.8
	2	2012	50	9	32	28	105	286	319	5.1
	3	2517	60	9	45	40	120	286	319	7.4
	4	2517	60	10	45	52	120	286	319	8.6
355	1	2012	50	9	32	16	105	326	359	4.5
	2	2012	50	9	32	28	105	326	359	8.4
	3	2517	60	9	45	40	120	326	359	8.8
	4	2517	60	10	45	52	120	326	359	9.4
400	1	2012	50	9	32	16	105	371	404	4.33
	2	2517	60	9	45	28	120	371	404	6.9
	3	2517	60	9	45	40	120	371	404	8.65
	4	2517	60	10	45	52	120	371	404	10.23

HTD Timing Pulley

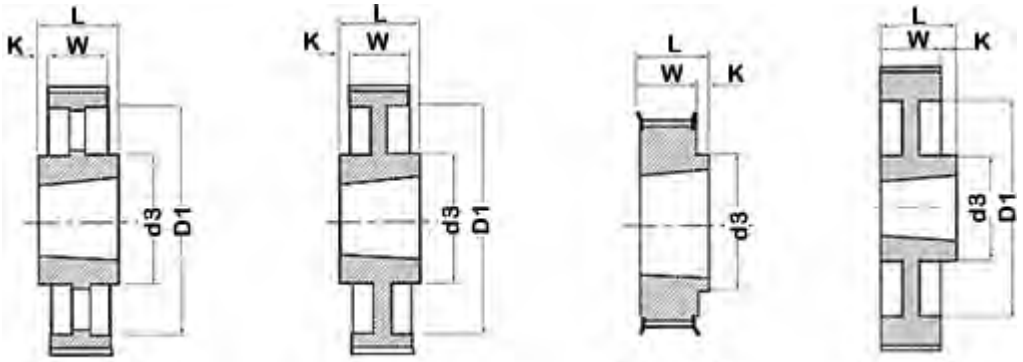
Finer Power Transmissions carries a large range of Taper Locked, HTD Timing Pulley's in 8M and 14M pitch.

Timing Belts are measured by:

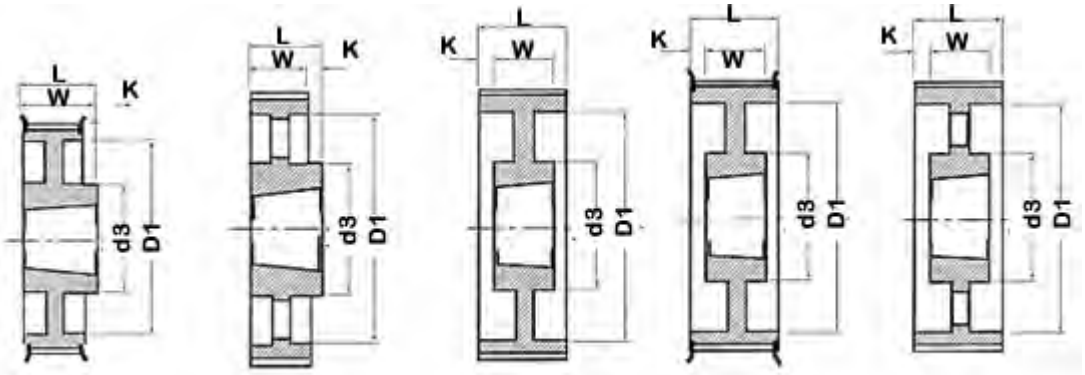
38	**8M**	**50**
Teeth	Pitch	Width



Type 3F | Type 3A | Type 4F | Type 4 | Type 5F



Type 7A | Type 7W | Type 8F | Type 8W



Type 8WF | Type 8A | Type 9W | Type 9WF | Type 9A

8M HTD Timing Pulley

Size	Z	Type	Mat	Bush	Outside Dia.	Hub Dia.	K	W	L	d3	D1	Max. Bore
22-8M-20	22	5F	GG	1008	54.65	60.0	6.00	28.0	22	-	41	25
22-8M-30	22	5F	GG	1008	54.65	60.0	16.00	38.0	22	-	41	25
24-8M-20	24	5F	GG	1108	59.75	66.0	6.00	28.0	22	-	42	28
24-8M-30	24	5F	GG	1108	59.75	66.0	16.00	38.0	22	-	42	28
26-8M-20	26	5F	GG	1108	64.84	71.0	6.00	28.0	22	-	46	28
26-8M-30	26	5F	GG	1108	64.84	71.0	16.00	38.0	22	-	46	28
28-8M-20	28	5F	GG	1108	70.08	75.0	6.00	28.0	22	-	50	28
28-8M-30	28	5F	GG	1210	70.08	75.0	13.00	38.0	25	-	50	35
28-8M-50	28	5F	GG	1210	70.08	75.0	35.00	60.0	25	-	50	35
30-8M-20	30	5F	GG	1108	75.13	83.0	6.00	28.0	22	-	58	28
30-8M-30	30	3F	GG	1615	75.13	83.0	-	38.0	38	-	-	42
30-8M-50	30	5F	GG	1615	75.13	83.0	22.0	60.0	38	-	58	42
32-8M-20	32	5F	GG	1610	80.16	87.0	3.00	28.0	25	-	62	42
32-8M-30	32	5F	GG	1615	80.16	87.0	-	38.0	38	-	-	42
32-8M-50	32	5F	GG	1615	80.16	87.0	22.0	60.0	38	-	62	42
34-8M-20	34	5F	GG	1610	85.22	91.0	3.00	28.0	25	-	65	42
34-8M-30	34	5F	GG	1610	85.22	91.0	3.00	28.0	25	-	65	42
34-8M-50	34	5F	GG	1615	85.22	91.0	22.0	60.0	38	-	65	42
34-8M-85	34	4F	GG	1615	85.22	91.0	28.5	95.0	38	-	65	42
36-8M-20	36	5F	GG	1610	90.30	98.5	3.00	28.0	25	-	68	42
36-8M-30	36	3F	GG	1615	90.30	98.5	-	38.0	38	-	-	42
36-8M-50	36	5F	GG	1615	95.39	103.0	22.0	60.0	38	-	72	42
36-8M-85	36	4F	GG	1615	90.35	98.5	28.5	95.0	38	-	68	42
38-8M-20	38	5F	GG	1610	95.39	103.0	3.00	28.0	25	-	72	42
38-8M-30	38	3F	GG	1615	95.39	103.0	-	38.0	38	-	-	42
38-8M-50	38	5F	GG	1615	95.39	103.0	22.0	60.0	38	-	72	42
38-8M-85	38	4F	GG	1615	95.39	103.0	28.5	95.0	38	-	72	42
40-8M-20	40	5F	GG	1610	100.49	106.0	3.00	28.0	25	-	76	42
40-8M-30	40	3F	GG	1615	100.49	106.0	-	38.0	38	-	-	42
40-8M-50	40	4F	GG	2012	100.49	106.0	14.0	60.0	32	-	82	50
40-8M-85	40	4F	GG	2012	100.49	106.0	31.5	95.0	32	-	82	50
44-8M-20	44	8F	GG	2012	110.67	119.0	4.00	28.0	32	93	-	50
44-8M-30	44	4F	GG	2012	110.67	119.0	3.00	38.0	32	-	91	50
44-8M-50	44	4F	GG	2012	110.67	119.0	14.0	60.0	32	-	91	50
44-8M-85	44	4F	GG	2012	110.67	119.0	31.5	95.9	32	-	91	50

"Why Compete Against Your Supplier When You Can Be Our Partner"

8M HTD Timing Pulley

48-8M-20	48	8F	GG	2012	120.86	127.0	4.00	28.0	32	96	-	50
48-8M-30	48	4F	GG	2012	120.86	127.0	3.00	38.0	32	-	95	50
48-8M-50	48	4F	GG	2012	120.86	127.0	14.0	60.0	32	-	95	50
48-8M-85	48	4F	GG	2517	120.86	127.0	25.0	95.0	45	-	95	60
56-8M-20	56	8F	GG	2012	141.23	148.0	4.00	28.0	32	110	-	50
56-8M-30	56	4F	GG	2012	141.23	148.0	3.00	38.0	32	-	117	50
56-8M-50	56	4F	GG	2517	141.23	148.0	7.5	60.0	45	-	116	60
56-8M-85	56	4F	GG	2517	120.86	127.0	25.0	95.0	45	-	95	60
64-8M-20	64	8WF	GG	2012	161.60	168.0	4.00	28.0	32	110	137	50
64-8M-30	64	8F	GG	2517	161.60	168.0	7.00	38.0	45	125	-	60
64-8M-50	64	4F	GG	2517	161.60	168.0	7.5	60.0	45	-	137	60
64-8M-85	64	4F	GG	2517	161.60	168.0	25.0	95.0	45	-	137	60
72-8M-20	72	8WF	GG	2012	181.97	192.0	4.00	28.0	32	110	158	50
72-8M-30	72	8WF	GG	2517	181.97	192.0	7.00	38.0	45	125	158	60
72-8M-50	72	9WF	GG	2517	181.97	192.0	7.5	60.0	45	125	158	60
72-8M-85	72	4F	GG	3020	181.97	192.0	22.0	95.0	51	-	158	75
80-8M-20	80	8W	GG	2012	202.35	-	4.00	28.0	32	110	180	50
80-8M-30	80	8W	GG	2517	202.35	-	7.00	38.0	45	125	180	60
80-8M-50	80	4	GG	3020	202.35	-	4.5	60.0	51	-	180	75
80-8M-85	80	4	GG	3020	202.35	-	22.0	95.0	51	-	180	75
90-8M-20	90	8A	GG	2012	227.81	-	4.00	28.0	32	110	204	50
90-8M-30	90	8A	GG	2517	227.81	-	7.00	38.0	45	125	204	60
90-8M-50	90	9W	GG	3020	227.81	-	4.5	60.0	51	170	204	75
90-8M-85	90	9W	GG	3020	227.81	-	22.0	95.0	51	170	204	75
112-8M-30	112	8A	GG	2517	283.83	-	7.0	38.0	45	125	260	60
112-8M-50	112	9W	GG	3020	283.83	-	4.5	60.0	51	170	260	75
112-8M-85	112	9W	GG	3020	283.83	-	22.0	95.0	51	170	260	75
144-8M-30	144	8A	GG	2517	365.32	-	7.00	38.0	45	125	341	60
144-8M-50	144	9A	GG	3020	365.32	-	4.5	60.0	51	170	341	75
144-8M-85	144	9A	GG	3525	365.32	-	15.0	95.0	65	190	341	90
168-8M-50	168	9A	GG	3525	426.44	-	2.5	60.0	65	190	402	90
168-8M-85	168	9A	GG	3525	426.44	-	15.0	95.0	65	190	402	90
192-8M-50	192	9A	GG	3525	487.55	-	2.5	60.0	65	190	460	90
192-8M-85	192	9A	GG	3525	487.55	-	15.0	95.0	65	190	460	90

14M HTD Timing Pulley

Size	Z	Type	Mat	Bush	Outside Dia.	Hub Dia.	K	W	L	d3	D1	Max. Bore
28-14M-40	28	4F	GG	2012	122.12	127	11	54	32	-	98	50
28-14M-55	28	4F	GG	2012	122.12	127	19	70	32	-	98	50
28-14M-85	28	4F	GG	2517	122.12	127	28.5	102	45	-	98	60
28-14M-115	28	4F	GG	2517	122.12	127	44	133	45	-	98	60
29-14M-40	29	4F	GG	2012	126.57	138	11	54	32	-	100	50
29-14M-55	29	4F	GG	2012	126.57	138	19	70	32	-	100	50
29-14M-85	29	4F	GG	2517	126.57	138	28.5	102	45	-	100	60
29-14M-115	29	4F	GG	2517	126.57	138	44	133	45	-	100	60
30-14M-40	30	4F	GG	2012	130.99	138	11	54	32	-	100	50
30-14M-55	30	4F	GG	2517	130.99	138	12.5	70	45	-	100	60
30-14M-85	30	4F	GG	2517	130.99	138	28.5	102	45	-	100	60
30-14M-115	30	4F	GG	2517	130.99	138	44	133	45	-	100	60
32-14M-40	32	4F	GG	2012	139.88	154	11	54	32	-	100	50
32-14M-55	32	4F	GG	2517	139.88	154	12.5	70	45	-	108	60
32-14M-85	32	4F	GG	2517	139.88	154	28.5	102	45	-	108	60
32-14M-115	32	4F	GG	2517	139.88	154	44	133	45	-	108	60
34-14M-40	34	4F	GG	2517	148.79	160	4.5	54	45	-	110	60
34-14M-55	34	4F	GG	2517	146.79	160	12.5	70	45	-	110	60
34-14M-85	34	4F	GG	2517	146.79	160	28.5	102	45	-	110	60
34-14M-115	34	4F	GG	2517	146.79	160	44	133	45	-	110	60
36-14M-40	36	4F	GG	2517	157.68	168	4.5	54	45	-	120	60
36-14M-55	36	4F	GG	2517	157.68	168	12.5	70	45	-	120	60
36-14M-85	36	4F	GG	3020	157.68	168	25.5	102	51	-	120	75
36-14M-115	36	4F	GG	3020	157.68	168	41	133	51	-	120	75
38-14M-40	38	4F	GG	2517	166.6	183	4.5	54	45	-	130	60
38-14M-55	38	4F	GG	2517	166.6	183	12.5	70	45	-	130	60
38-14M-85	38	4F	GG	3020	166.6	183	25.5	102	51	-	130	75
38-14M-115	38	4F	GG	3020	166.6	183	41	133	51	-	130	75
40-14M-40	40	4F	GG	2517	175.49	188	4.5	54	45	-	138	60
40-14M-55	40	4F	GG	2517	175.49	188	12.5	70	45	-	138	60
40-14M-85	40	4F	GG	3020	175.49	188	25.5	102	51	-	138	75
40-14M-115	40	4F	GG	3020	175.49	188	41	133	51	-	138	75
44-14M-40	44	4F	GG	3020	193.28	211	1.5	54	51	-	155	75
44-14M-55	44	4F	GG	3020	293.28	211	9.5	70	51	-	155	75
44-14M-85	44	4F	GG	3030	293.28	211	13	102	76	-	155	75
44-14M-115	44	4F	GG	3030	293.28	211	28.5	133	76	-	155	75
48-14M-40	48	4F	GG	3020	211.11	226	1.5	54	51	-	170	75
48-14M-55	48	4F	GG	3020	211.11	226	9.5	70	51	-	170	75
48-14M-85	48	4F	GG	3030	211.11	226	13	102	76	-	170	75
48-14M-115	48	4F	GG	3030	211.11	226	28.5	133	76	-	170	75
56-14M-40	56	9WF	GG	3020	246.76	256	1.5	54	51	170	208	75
56-14M-55	56	WF	GG	3020	246.76	256	9.5	70	51	170	208	75
56-14M-85	56	4F	GG	3535	246.76	256	18.5	102	65	190	208	90
56-14M-115	56	4F	GG	3535	246.76	256	22	133	89	-	208	90
64-14M-40	64	9WF	GG	3020	282.41	296	1.5	54	51	170	242	75
64-14M-55	64	9WF	GG	3020	282.41	296	9.5	70	51	170	242	75
64-14M-85	64	9WF	GG	3525	282.41	296	18.5	102	65	190	242	90
64-14M-115	64	9WF	GG	3535	282.41	296	22	133	89	190	242	90

14M HTD Timing Pulley

Size	Z	Type	Mat	Bush	Outside Dia.	Hub Dia.	K	W	L	d3	D1	Max. Bore
72-14M-40	72	9W	GG	3020	318.06	-	1.5	54	51	170	280	75
72-14M-55	72	9W	GG	3020	318.06	-	9.5	70	51	170	280	75
72-14M-85	72	9W	GG	3525	318.06	-	18.5	102	65	190	280	90
72-14M-115	72	9W	GG	3535	318.06	-	22	133	89	190	280	90
80-14M-40	80	9A	GG	3535	353.71	-	22	133	89	190	315	90
80-14M-55	80	9A	GG	3020	353.71	-	9.5	70	51	170	315	75
80-14M-85	80	9A	GG	3525	353.71	-	18.5	102	65	190	315	90
80-14M-115	80	9A	GG	3535	353.71	-	22	133	89	190	315	90
90-14M-40	90	9A	GG	3020	398.28	-	1.5	54	51	170	360	75
90-14M-55	90	9A	GG	3020	398.28	-	0.5	70	51	170	360	75
90-14M-85	90	9A	GG	3525	398.28	-	18.5	102	65	190	360	90
90-14M-115	90	9A	GG	3535	398.28	-	22	133	89	190	360	90
112-14M-40	112	9A	GG	3020	496.32	-	1.5	54	51	170	457	75
112-14M-55	112	9A	GG	3020	496.32	-	9.5	70	51	170	457	75
112-14M-85	112	9A	GG	3020	496.32	-	9.5	70	51	170	457	75
112-14M-115	112	9A	GG	3535	496.32	-	22	133	89	190	457	90
144-14M-40	144	9A	GG	3020	638.92	-	1.5	54	51	170	600	75
144-14M-55	144	9A	GG	3020	638.92	-	9.5	70	51	170	600	75
144-14M-85	144	9A	GG	3525	638.92	-	18.5	102	65	190	600	90
144-14M-115	144	9A	GG	4040	638.92	-	15.5	133	102	230	600	100
168-14M-40	168	9A	GG	3020	745.87	-	1.5	54	51	170	706	75
168-14M-55	168	9A	GG	3020	745.87	-	9.5	70	51	170	706	75
168-14M-85	168	9A	GG	3525	745.87	-	18.5	102	65	190	706	90
168-14M-115	168	9A	GG	4040	745.87	-	15.5	133	102	230	706	100
192-14M-40	192	9A	GG	3020	852.82	-	1.5	54	51	170	813	75
192-14M-55	192	9A	GG	3020	852.82	-	9.5	70	51	170	813	75
192-14M-85	192	9A	GG	4040	852.82	-	-	102	102	230	813	100
192-14M-115	192	9A	GG	4040	852.82	-	15.5	133	102	230	813	100
216-14M-40	216	7A	GG	3020	959.76	-	1.5	54	51	170	920	75
216-14M-85	216	3A	GG	4040	959.76	-	-	102	102	230	920	100
216-14M-115	216	9A	GG	4040	959.76	-	15.5	133	102	230	920	100

"Australia's Only Genuine Wholesaler"

Couplings & Bushes Index

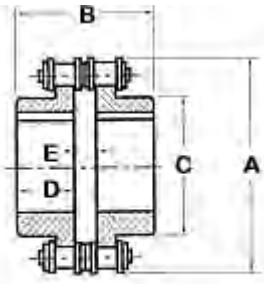
"Australia's Only Genuine Wholesaler"

Chain Coupling

The Finer Chain Coupling consists of two sprockets joined together by standard duplex roller chain. This highly compact structure provides high flexibility between shafts, power transmission capabilities and is durable and robust.
Chain Couplings allow for easy maintenance, it is a simple easy on/easy off process.
Finer Power Transmissions Chain Couplings are supplied with casings standard.

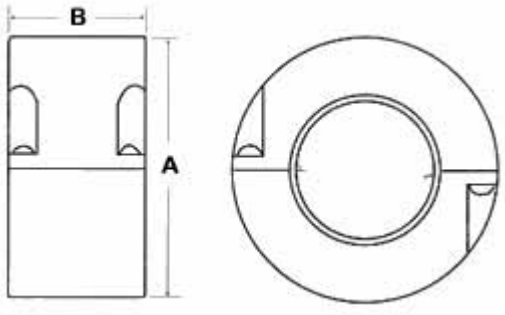
Chain Coupling Ratings					
Coupling	Min. Bore	Max. Bore	Max. RPM		Weight Kg
			Without Cover	With Cover	
C4012	1/2	7/8	875	5000	1
C4016	5/8	1 5/16	875	5000	1.73
C5016	5/8	1 11/16	800	4000	2.27
C5018	3/4	2	800	4000	2.73
C6018	1	2 7/16	675	3000	4.5
C6022	1 1/8	2 3/4	675	3000	5.56
C8018	1 1/8	3 1/8	500	2000	14.1
C8022	1 1/8	3 9/16	500	2000	15.2
C10020	2	4 5/8	450	1800	36.3

Coupling	A	B	C	D	E	K(2)
C4012	2.41	2.53	1.41	1.13	0.28	-
C4016	3.03	2.45	1.97	1.13	0.28	0.75
C5016	3.91	2.88	2.50	1.44	0.38	-
C5018	4.19	2.88	2.97	1.69	0.38	1.06
C6018	5.00	3.47	3.50	1.13	0.47	-
C6022	5.50	3.47	3.88	2.00	0.47	1.38
C8018	6.66	4.59	4.56	2.38	0.59	-
C8022	7.30	4.59	5.38	2.63	0.59	2.06
C10020	9.13	6.97	6.72	3.13	0.72	2.34



Straight Bore Chain Coupling

For increased safety Chain Coupling covers should be used. The cover not only improves the safety of the work place but also increases the Chain Couplings overall durability.



Coupling	Cover Required when RPM Exceeds	Cover Size	Weight (Kg)	A	B
C4012	875	40	2.2	4.00	2.00
C4016					
C5016	800	50	2.86	5.13	2.38
C5018					
C6018	675	60	5.72	6.38	2.94
C6022					
C8018	500	80	11.22	8.19	4.00
C8022					
C10020	450	100	26.84	10.13	5.25

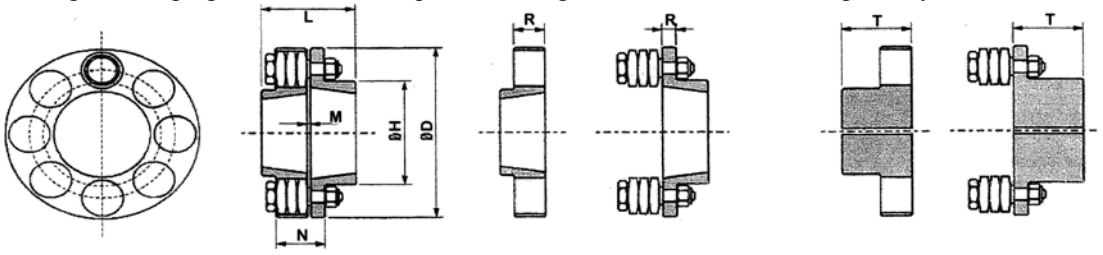
(2) Space required to loosen bushing with shortened hex key

Cone Ring Coupling

Finer Cone Ring Couplings are based on a time proven design. The coupling consists of two flanges interlocked with a number of elements, depending on the coupling size.

The Cone Rings Couplings unique flexible element comprises tapered rubber rings mounted on steel pins. The rubber rings absorb commonly encountered misalignment, shock and vibration.

The Cone Ring Coupling is as popular as ever for its ease of maintenance. No Lubrication is required. The Pin and Rubber design ensures trouble free maintenance, as they can be removed and changed without the need to take the coupling off the shafts. The flanges are high-grade cast iron; the pins are hexagonal steel bar; and the rings are synthetic rubber.



TYPICAL TAPERLOCK KXT ASSEMBLY | TAPERLOCK KXT BUSH HALF KXT PIN HALF | PILOT BORE KX BUSH HALF KX PIN HALF

Size	No. of Pins (Rubbers)	Pin/ Rubber Size (D.Brown)	Max.Bore PB/ Bush Size		D	H		L	M	R		T		Kg	
			Pin Half	Bush Half		Pin Half	Bush Half			Pin Half	Bush Half	Pin Half	Bush Half	Pin Half	Bush Half
KX030	4 (12)	2 (GC 1"-3)	38	32	127	64	58	85	3	12	26	41		1.8	2.5
KX038	6 (18)	2 (GC 1"-3)	42	38	132	72	64	99	3	12	26	48		2.1	2.3
KX042	8 (24)	2 (GC 1"-3)	48	42	146	83	78	115	3	12	26	56		3.0	3.2
KXT042			1610	1215				69.5				28.4	38.1	1.8	2.3
KX048	6 (18)	3 (GC 1 3/4"-3)	55	48	171	90	82	90	3	17	33	61		4.9	5.0
KXT048			2012	1615				82				35	38.1	3.6	4.6
KX058	8 (24)	3 (GC 1 3/4"-3)	65	58	193	106	98	139	3	17	33	68		5.1	5.9
KXT058			2517	2012				82.3				47.5	31.8	3.8	5.6
KX070	10 (30)	3 (GC 1 3/4"-3)	75	70	216	128	117	155	3	17	33	76		9.2	9.0
KXT070			3020	2525				121.5				55	63.5	6.1	7.6
KX075	8 (32)	4 (GC 2 3/4"-3)	80	75	254	127	127	179	3	30	56	88		16.5	16.9
KX085	10 (40)	4 (GC 2 3/4"-3)	105	85	279	166	148	203	3	30	56	100		22.4	21.5
KXT085			3535	3030				172.2				93	76.2	17.1	19.6
KX105	12 (48)	4 (GC 2 3/4"-3)	120	85	330	202	180	237	3	30	56	117		36.3	35.0
KXT105			4040	3535				197.5				105.6	88.9	24.5	27.5
KX120	10 (40)	5 (GC 4 1/4"-3)	130	120	370	232	206	270	6	46	76	132		56.1	51.0
KXT120			4040	4040				217.2				105.6	105.6	39.5	40.5
KX135	12 (48)	5 (GC 4 1/4"-3)	135	135	419	240	230	300	6	46	76	147		70.0	71.0
KXT135			4545	4545				239.6				119.3	114.3	52.8	56.8
KX150	14 (56)	5 (GC 4 1/4"-3)	150	150	457	160	256	336	6	46	76	165		88.6	93.0
KXT150			5050	5050				265				132	127	66.8	72.8

Size	Power Ratings (Kw @)						
	100 rpm	720 rpm	960 rpm	1440 rpm	2880 rpm	Max .rpm	Nominal Torque (Nm)
030	0.16	8.4	11.1	16.7	33.4	4600	110
038	1.87	13.5	18.0	26.9	53.9	4400	175
042	2.84	20.4	27.3	40.9	81.8	4000	265
048	4.93	35.5	47.3	71.0	142.0	3400	465
058	7.54	54.3	72.4	108.6	217.2	3020	720
070	10.70	77.0	102.7	154.1	-	2700	1020
075	25.7	185.0	246.7	370.1	-	2300	2450
085	35.5	255.6	340.8	511.2	-	2090	3390
105	53	382	509	763	-	1760	5080
120	90	648	864	1296	-	1570	8474
135	122	878	1171	-	-	1390	11520
150	159	1145	1526	-	-	1280	15140

Selection Procedure

1. From the service factors table (below) determine the service factor
2. Calculate the Design Power by multiplying the Absorbed Power of the driven machine by the Service Factor.
3. Determine the size of coupling required by matching the design power to a power rating that matches or exceeds the Design Power.

The Pin Half is normally mounted on the drive shaft.

Duty	Electric Motors
Uniform	1.0
Light	1.5
Moderate	2.0
Heavy	2.5
Severe	3.0

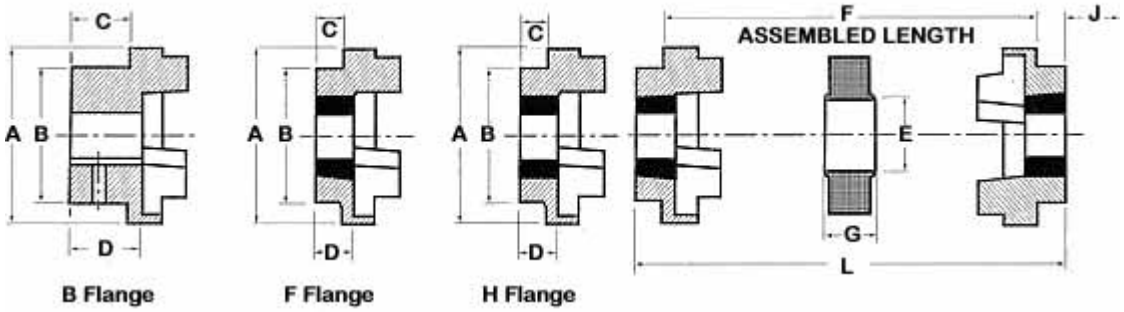
HRC Coupling

The HRC Coupling is a proven performer, consisting of two cast iron flanges and a rubber element, which performs under compression.

The modular design allows for a simple fitting and easy maintenance whilst the rubber element absorbs shock loading and compensates for marginal misalignment.

Finer Power Transmissions carries a full range of HRC Couplings in Pilot Bore and Taper Lock.

Coupling	A	B	E	F	G	Bush	Max. Bore		C	D	J
							mm	inch			
70	69	60	31	25	18	1008	25	1	20	23.75	29
90	85	70	32	30.5	22.5	1108	28	1 1/8	19.5	23.25	29
110	112	100	45	45	29	1210	32	1 1/4	18.5	26.75	38
130	130	105	50	53	36	1610	42	1 5/8	18	26.5	38
150	150	115	62	60	40	2012	50	2	23.5	33.5	42
180	180	125	77	73	49	2517	60	2 1/2	34.5	46.5	48
230	225	155	99	85.5	59.5	3020	75	3	39.5	52.5	55
280	275	185	119	105.5	74.5	3535	90	3 1/2	74	90	67



Coupling	Assembled Length (L) FF,FH,HH	Weight Kg	Inertia Mr2 kgm	Dynamic Stiffness Nm/°	Maximum Misalignment		Nominal Torque Nm
					Parallel	Axial	
70	65	1	0.00085	-	0.3	0.2	31
90	69.5	1.17	0.00115	-	0.3	0.5	80
110	82	5	0.004	65	0.3	0.6	160
130	89	5.46	0.0078	130	0.4	0.8	315
150	107	7.11	0.0181	175	0.4	0.9	600
180	142	16.6	0.0434	229	0.4	1.1	950
230	164.5	26	0.12068	587	0.5	1.3	2000
280	207.5	55.3	0.44653	1025	0.5	1.7	3150

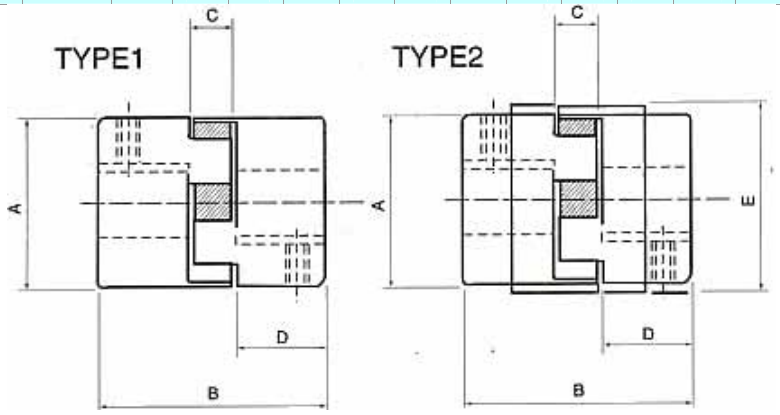
Jaw Coupling

The Finer Jaw Coupling is recognised across a large range of industries. The Jaw Coupling is highly resilient, it does not require any lubrication and can work in environments contaminated with oil, dirt, sand, moisture and grease.

The rubber insert is designed to absorb shock loading and does not allow for any metal on metal contact. Finer Power Transmissions stocks both the Spider Elements as well as the Wrap Element Kits.

Finer Power Transmissions stocks a range of jaw couplings in a variety of pre-bored and keyed sizes.

Size	Pilot Bore	Element	Wrap	Kit	Metic (mm)									Imperial (inch)					
					14	19	24	25	28	32	38	42	48	3/8	1/2	5/8	3/4	1	1 1/4
L050	✓	✓													✓				
L070	✓	✓			✓	✓									✓				
L075	✓	✓			✓	✓									✓	✓	✓		
L095	✓	✓	✓	✓	✓	✓	✓		✓					✓	✓	✓	✓	✓	
L100	✓	✓	✓	✓			✓	✓	✓	✓	✓						✓	✓	
L110	✓	✓	✓	✓			✓		✓	✓	✓	✓						✓	
L150	✓	✓	✓	✓			✓			✓	✓	✓	✓						✓



Coupling	Type	A	B	C	D	Stock Bore	Weight (Kg)		Max Bore.
							Min. Bore	Max. Bore	
L050 PB									
L070 PB	1	1 23/64	2	1/2	3/4	1/4	0.26	0.24	3/4
L075 PB	1	1 3/4	2 1/8	1/2	13/16	1/4	.45	0.39	7/8
L095 PB	1	2 7/64	2 1/2	1/2	1	7/16	0.79	0.69	1 1/8
L100 PB	1	2 17/32	3 1/2	3/4	1 3/8	7/16	1.55	1.32	1 3/8
L110 PB	1	3 5/16	4 1/4	7/8	1 11/16	5/8	2.93	2.55	1 5/8
L150 PB	1	3 3/4	4 1/2	1	1 3/4	5/8	4.06	3.51	1 7/8

Coupling	Max. RPM	Torque in Lbs.	Horsepower capacities at indicated speeds (RPM)							
			50	100	300	600	900	1200	1800	3600
L050 PB										
L070 PB	14000	44.1	-	0.07	0.21	0.42	0.63	0.84	1.26	2.52
L075 PB	11000	88.2	0.035	0.14	0.38	0.76	1.26	1.68	2.52	1.04
L095 PB	9000	189.0	0.115	0.30	0.90	1.80	2.70	3.60	5.40	10.80
L100 PB	7000	416.0	0.330	0.66	1.98	3.96	5.94	7.92	11.90	23.80
L110 PB	5000	788.0	.630	1.25	3.75	7.50	11.30	15.00	22.50	45.00
L150 PB	5000	1260.0	1.000	2.00	6.00	12.00	18.00	24.00	36.00	72.00

Flexible Tyre Coupling

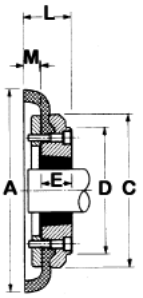
Finer stock a range of the highly flexible Tyre Couplings. Consisting of two flanges, the two halves are joined by a rubber tyre. The tyre itself is torsionally soft and flexible; this allows the Tyre Coupling to compensate for large amounts of shock loading and backlash, as well as both parallel and axial misalignment.

Highly Flexible

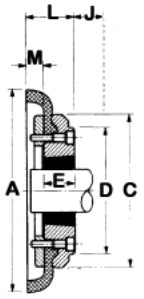
Compensates for misalignment, upto; 4° angular, 6mm parallel, 8mm axial. Torsional flexibility of upto 12°, at max. torque.

Size	Power @ 1000 rpm in Kw	Nominal Torque	Max. Speed rpm	Bore B		Bush F	Bush H	Max. Misallignment		End Float
				Max.	Min.			Parallel	Angular	
T4	0.26	25	4500	32	12	1008	1008	1.1	4	1.3
T5	0.69	66	4500	38	15	1210	1210	1.3	4	1.7
T6	1.33	127	4000	45	18	1610	1610	1.6	4	2
T7	2.62	250	3600	50	22	2012	1610	1.9	4	2.3
T8	3.93	375	3100	60	25	2517	2012	2.1	4	2.6
T9	5.24	500	3000	70	28	2517	2517	2.4	4	3
T10	7.07	675	2600	80	32	3020	2517	2.6	4	3.3
T11	9.20	875	2300	90	30	3020	3020	2.9	4	3.7
T12	13.9	1300	2050	100	38	3525	3020	3.2	4	4
T14	24.3	2320	1800	130	75	3525	3525	3.7	4	4.6
T15	39.4	3770	1600	140	85	4030	4030	4.2	4	5.3
T16	65.8	6270	1500	150	85	4535	4535	4.8	4	6

SIZES F40 – 60

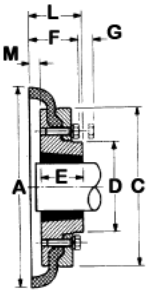


F Flange

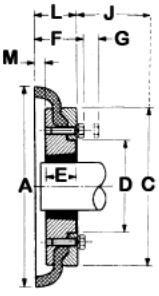


H Flange

SIZES F70 – 250



F Flange



H Flange

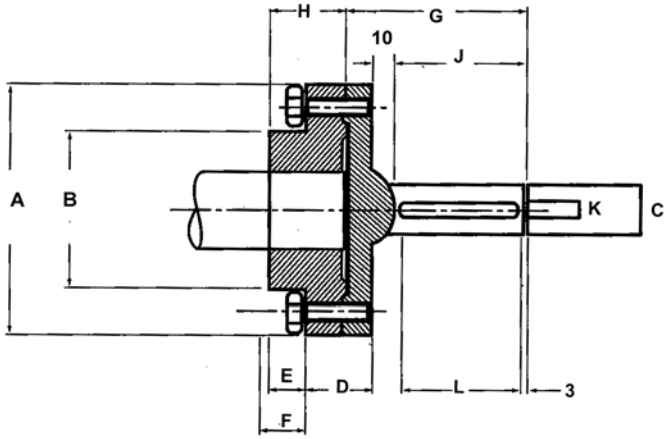
Size	A	C	D	E		F	L		G	J	M	Kg	
				F	H		F	H				F	H
T4	104	82	-	22	22	-	33.5	33.5	N/A	29	11	0.8	0.8
T5	133	100	79	25	25	-	38	38	N/A	38	12.5	1.2	1.2
T6	165	125	103	25	25	-	42	42	N/A	36	16.5	2.0	2.0
T7	187	144	80	32	25	50	44	42	13	36	11.5	3.1	3.0
T8	211	167	98	45	32	54	58	45	16	42	12.5	4.9	4.6
T9	235	188	108	45	45	60	59	59	16	48	13.5	7.0	7.0
T10	254	216	120	51	45	62	65	59	16	48	13.5	9.9	9.4
T11	279	233	134	51	51	62	63.5	63.5	16	55	12.5	11.7	11.7
T12	314	264	140	65	51	67	78.5	65.5	16	67	14.5	16.5	16.9
T14	359	311	178	65	65	73	81	81	17	67	16	22.3	22.3
T16	402	345	197	77	77	78	92	92	19	80	15	32.5	32.5
T18	470	398	205	89	89	94	112	112	19	89	23	42.2	42.2

J is the clearance required for tightening and loosening the bush on the shaft
G is the distance required to release the clamping screws

Spacer Coupling

The Spacer Coupling is used to extend the distance of a shaft. Designed in conjunction with the Tyre Coupling specifications, it can be used in combination with other couplings in the Finer Power Transmission range.

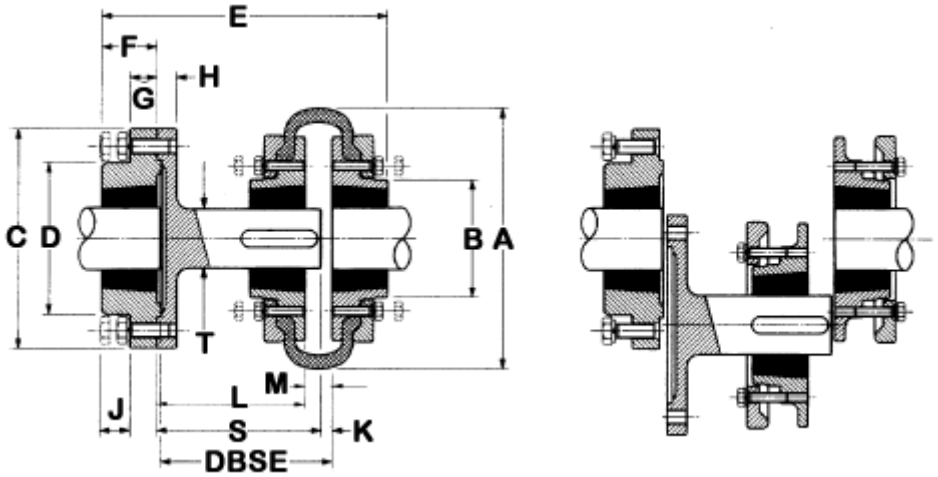
As the Spacer Coupling is Taper Locked, a large range of shaft sizes can be easily accommodated.



Spacer Coupling

Spacer Coupling

Size	Bush	A	B	C	D	E	F	G	H	J	K	L	Kg
SM16-140	1615	127	80	32	33	20	25	131	41	109	10	65	4.0
SM25-140	2517	178	127	48	38	23	27	131	48	108	14	72	8.9
SM25-180	2517	178	127	48	38	23	27	171	48	148	14	78	9.1
SM30-180	3030	216	146	60	49	47	34	171	79	144	18	80	18.70



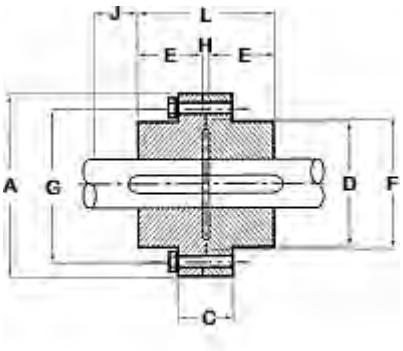
Spacer Coupling with Tyre Coupling

Size	Tyre Couple	Spacer Distance	Spacer Bush	Tyre Bush	A	B	C	D	E	F	G	H	J	K	L	M	S	T
SM16-140	T40	140	1615	1008	104	82	127	80	200	38	18	15	14	9	126	22	94	32
	T50			1210	133	79			213						125	25	134	
	T60			1610	165	70			214						118	27	134	
SM25-140	T80	140	2517	2517	211	95	178	123	233	45	22	16	14	9	116	25	134	48
	T90			2517	235	108			233						116	27	134	
SM25-180	T80	180	2517	2517	211	95	178	123	273	45	22	16	14	9	158	25	174	48
	T90			2517	235	108			273						156	27	174	
SM30-180	T100	180	3030	3020	254	120	216	146	310	76	29	20	17	9	156	25	174	60
	T110			3020	279	134			310						158	27	174	

Rigid Coupling

Rigid Couplings are used in situations where shaft alignment is essential. A misaligned coupling can cause damage and downtime. When properly fitted this torsionally rigid coupling helps prevent any such event. Finer Rigid Couplings are Taper Lock ready and available in a range of sizes to accommodate almost any shaft size.

Rigid Couplings consist of 2 flanges, available in internal and external entry (H & F). This gives two possible coupling assemblies HF and FF. When connecting horizontal shafts, choose the most convenient method. When connecting vertical shafts use assembly FF only.



Coupling	Bush	Max. Bore		A	C	D	E	F nom	G nom	H+	J*	L	Kg
		Metric	Inch										
RM12	1210	32	1 1/4	118	35	83	26	76	102	7	38	57	3.5
RM16	1615	42	1 5/8	127	43	80	38	89	105	7	38	83	4.5
RM25	2517	60	2 1/2	178	51	123	45	127	149	7	48	97	11
RM30	3030	75	3	216	65	146	76	152	181	7	54	169	23
RM35	3535	90	3 1/2	248	75	178	89	178	213	7	67	185	38
RM40	4040	100	4	298	76	210	102	216	257	7	79	210	64
RM45	4545	110	4 1/2	330	86	230	114	241	286	7	89	235	88
RM50	5050	125	5	362	92	266	127	267	314	7	92	260	155

* is the wrench clearance to allow for tightening and loosening the bush on the shaft.
+ is the distance between shaft ends.
Coupling weights calculated including average sized TL Bush

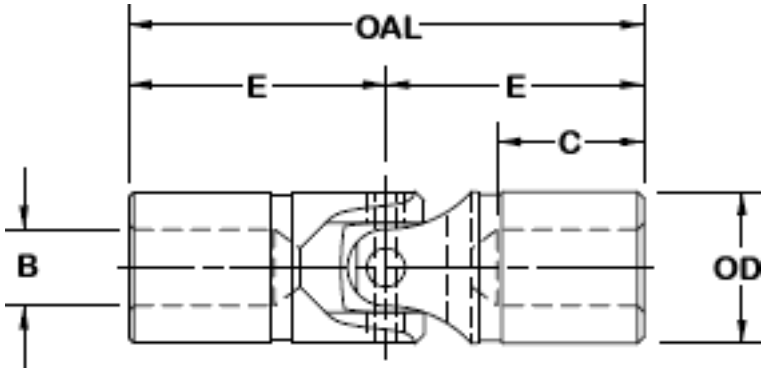
Universal Joints

Finer Power Transmissions stock a range of Universal joints in D Type and HD Type, blank bores only; the blank bore allows for any bore diameter up to the recommended maximum.

D TYPE

D Type: Multi-purpose industrial type, standard pin and block design.

HD Type: The Heavy Duty model benefits from its strict compliance to engineering detail. The HD Type employs hardened yokes and pins to vastly improve the Universal Joints resistance to wear and shock loading. This attention to detail extends the life of the HD Type Universal Joint by up to two times, in comparison to that of the standard D Type.



U- joint Size	Max. Bore No Keyway		Max. Bore with Keyway		Max. Square/ Hex Hole		OD	OAL	Bore Depth		Static Breaking Torques		App. Weight Kg
Solid	in	mm	in	mm	in	mm	in	in	C	E	in-lb	Nm	Solid
D-1	0.25	6			0.19	4	0.38	1.75	0.56	0.88	110	12	0.02
D-2	0.38	9			0.25	6	0.50	2.00	0.62	1.00	378	42	0.05
D-3	0.50	12	0.25	6	0.31	8	0.62	2.25	0.68	1.12	540	61	0.07
D-4	0.62	15	0.44	11	0.38	9	0.75	2.68	0.88	1.34	768	86	0.14
D-5	0.69	17	0.50	12	0.44	11	0.88	3.00	0.88	1.50	1176	132	0.21
D-6	0.75	19	0.56	13	0.50	12	1.00	3.38	1.00	1.68	1560	176	0.29
D-7	0.88	22	0.62	15	0.56	14	1.12	3.50	1.00	1.75	2880	325	0.38
D-8	1.00	25	0.75	18	0.62	15	1.25	3.75	1.06	1.88	5220	589	0.50
D-10	1.12	28	0.88	21	0.75	19	1.50	4.25	1.18	2.12	7920	895	0.82
D-11	1.25	31	1.00	25	0.88	22	1.75	5.00	1.38	2.50	10680	1206	1.36
D-12	1.50	38	1.19	30	1.00	25	2.00	5.44	1.50	2.75	15600	1762	1.90
D-13	1.75	44	1.50	39	1.12	28	2.50	7.00	2.00	3.50	33120	3742	3.86
D-14	2.00	50	1.81	48	1.38	35	3.00	9.06	2.75	4.53	65400	7389	7.25

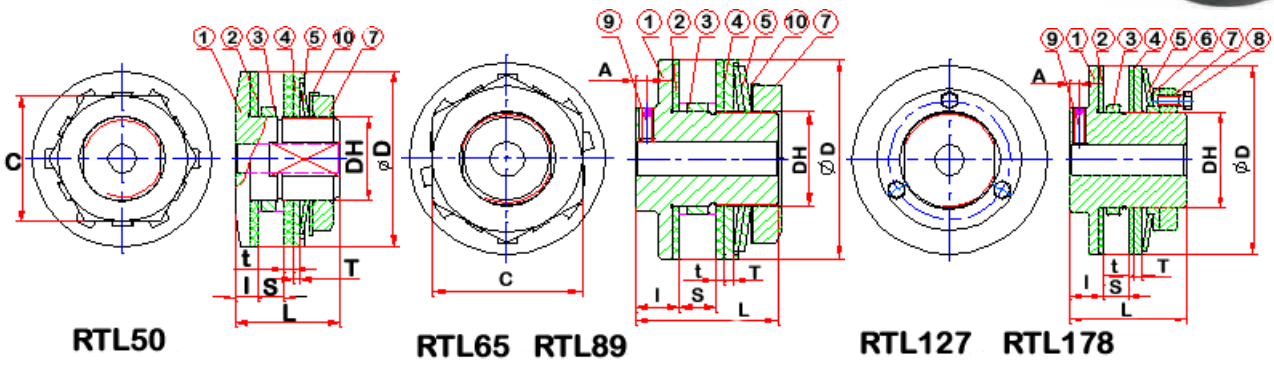
Torque Limiters

The Finer Torque Limiter has been designed to protect drive systems from unnesecary overload. When too much torque is transmitted through a drive, the Torque Limiter automatically slips on its shaft when a predetermined torque level is reached.

This device is suitable in situations where there is excessive and unpredictable shock loads, overloads or machine jams. When the problem in the system is overcome or removed, the Torque Limiter automatically reengages, unlike other devices, such as those with shear pin mechanisms, which have to be manually reset.

Torque Limiters not only prevent damage to drive systems but also eliminates unnessecary downtime due to system resets.

The Torque Limiter utilizes spring loaded friction surfaces, the slip torque is preset by the adjustment of the spring force, this is as simple as tightening or loosening the appropriate nut or bolt.



1) Hub
2) Friction Facing
3) Bushing
4) Pressure Plate
5) Disc Spring
6) Pilot Plate
7) Adjustment Nut
8) Adjustment Bolt
9) Set Screw
10) Lock Washer

Size	Torque Range (kgf~m)	Plain Bore	Max Bore	Bush Length	OD of Bush		Bore for Centre Member		D	DH	L	L	T	t	S (Max)	A	C	Adjust. Nut	Adjust. Bolt	Set Screw	(kg)
RTL50-1	0.3 ~ 1.0	8	14	3.8 6	30	-0.020 -0.041	30	+0.033 0	50	24	29	6.5	1.6	2.5	7	-	36	M24 P1.0	-	-	0.248
RTL50-2	0.7 ~ 2.0																				0.256
RTL65-1	0.7 ~ 2.8	10	22	6 8	41	-0.025 -0.050	41	+0.039 0	65	35	48	16	4	3.2	9	4	50	M35 P1.5	-	M5	0.721
RTL65-2	1.4 ~ 5.5																				0.739
RTL89-1	2.0 ~ 7.6	17	25	6 8 9.5 14.5	49	-0.025 -0.050	49	+0.039 0	89	42	62	19	4	3.2	16	5	65	M42 P1.5	-	M6	2.417
RTL89-2	3.5 ~ 15.2																				2.477
RTL127-1	4.8 ~ 21.4	20	42	6 8 9.5 14.5	74	-0.030 -0.060	74	+0.046 0	127	65	76	22	6	3.2	16	6	-	M65 P1.5	M8 P1.0 3pcs	M8	3.692
RTL127-2	9.0 ~ 42.9																				3.858
RTL178-1	11.8 ~ 58.1	30	64	8 9.5 14.5 17 22	105	-0.036 -0.071	105	+0.054 0	178	95	98	24	7	3.2	29	6.5	-	M95 P1.5	M10 P1.25 3pcs	M10	9.033
RTL178-2	22.8 ~ 111																				9.436

Selection

Determine the required slip torque from the loading conditions or from the design strength of the machine. If the loading conditions of the machine are unknown, set the required slip torque of the torque limiter to 1.5~2 times the torque that the motor produces on the shaft where the torque limiter is mounted.

Select a Torque Limiter that has enough torque range and bore range.

Determine the proper bushing length from the thickness of the centre member to be inserted between the friction facings. Always choose the largest bushing which does not exceed the width of the centre member, shown as S Max in the dimension table.

Torque Limiters

Centre Member

The centre member should be machined on its rubbing surface to obtain the rated torque and be flat, parallel, square with the bore and free from rust, scale and oil. Surface finish recommended is Ra1.6. If the centre member is not in accordance with these specifications, the slip torque will be erratic.

The Max. Bore of the centre member is listed below. Also shown is the Min. number of sprocket teeth to be used and the bushing length.

Size	Bore of Centre Member (mm)	9.525-06B		12.7-08B		15.875-10B		19.05-12B		25.4-16B		31.75-20B		38.1-24B	
		Spr. Min. Teeth	Bush Length (mm)	Spr. Min. Teeth	Bush Length (mm)	Spr. Min. Teeth	Bush Length (mm)	Spr. Min. Teeth	Bush Length (mm)	Spr. Min. Teeth	Bush Length (mm)	Spr. Min. Teeth	Bush Length (mm)	Spr. Min. Teeth	Bush Length (mm)
RTL50	30	20	3.8	16	6	-	-	-	-	-	-	-	-	-	-
RTL65	41	-	-	20	6	17	8	-	-	-	-	-	-	-	-
RTL89	49	-	-	26	6	21	8	18	9.5	15	14.5	-	-	-	-
RTL127	74	-	-	35	6	29	8	25	9.5	19	14.5	-	-	-	-
RTL178	105	-	-	-	-	39	8	33	9.5	26	14.5	21	17	18	22

Torque Settings

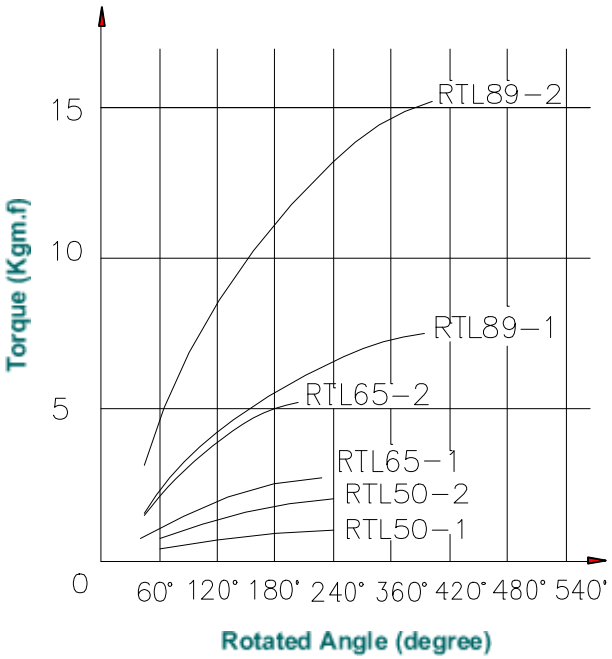
The torque setting of the Torque Limiter is manipulated by tightening or loosening the adjustment nut and/or the adjustment bolts. RTL 50 – RTL 89 use an adjustment nut, RTL 127 – RTL 178 use adjustment bolts.
The torque setting is adjusted after the Torque Limiter is mounted on the shaft, once the Torque Limiter is mounted:

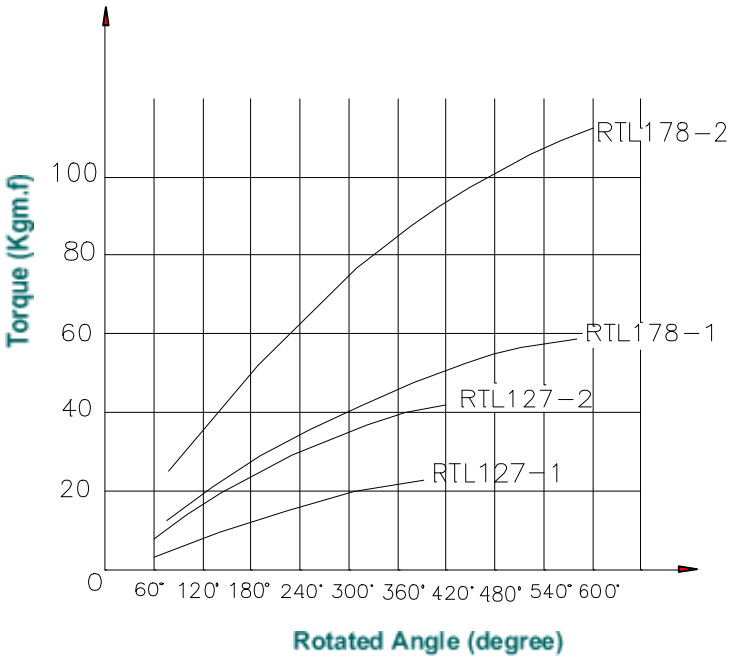
RTL 50 – RTL 89

First, rotate the adjustment nut tightly by hand so that the disk spring fits the plate. Then tentatively tighten the nut by about 60 degrees with a wrench.

RTL 127 – RTL 178

First, rotate the nut for fixing the disk spring to the plate, and then tighten each adjustment bolt by about 60 degrees. Then, if the Torque Limiter slips under normal loading conditions, tighten the bolts gradually until the Torque Limiter stops slipping. Always tighten or loosen the blots evenly. You may have to make several adjustments to find the appropriate setting for the machine. For your guidance the below chart shows the relation between the effective rotated angle and preset torque.
For precise torque setting, run-in of of the Torque Limiter is recommended, eg: 500 revolution at 50~60rpm with a rotated angle of 45 degrees of the adjustment bolts.



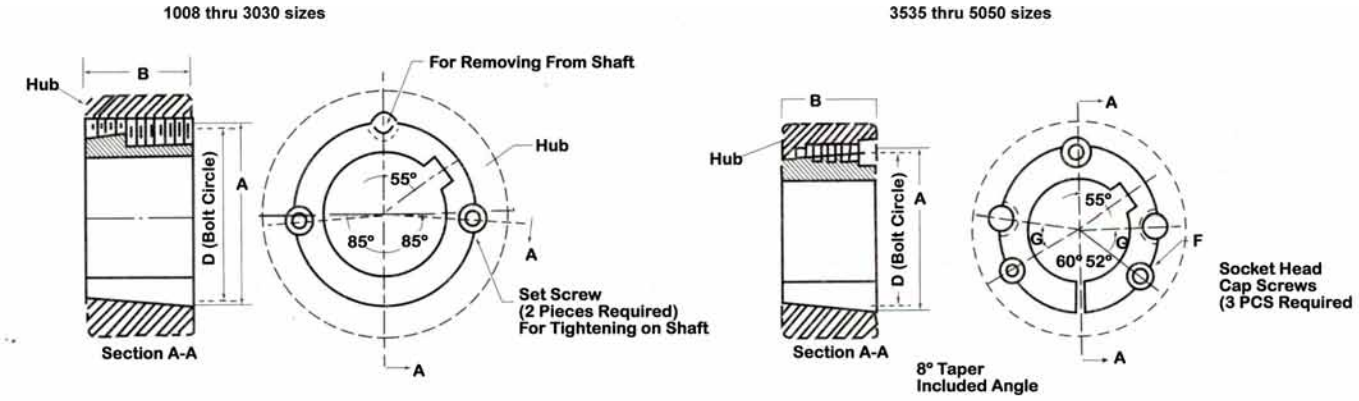


Taper Lock Bush

The Taper Lock Bush is a tried and proven method for fixing a driven device to a shaft. The simple design allows for easy maintenance, it is a simple easy-on, easy-off process.

Finer Power Transmissions stocks a range of items that are used in conjunction with Taper Lock Bushes, including: sprockets, pulleys and couplings.

Taper Lock Bushes come in a variety of bore sizes, in both metric and imperial.



Bush	A	B	D	G	Set Crews Dia. x Len.
1008	1.386	7/8	1-21/64	-	1/4 x 1/2
1108	1.511	7/8	1-29/64	-	1/4 x 1/2
1210	7/8	1	1-3/4	-	3/8 x 5/8
1215	1-7/8	1-1/2	1-3/4	-	3/8 x 5/8
1610	2-1/4	1	1-7/8	-	3/8 x 5/8
1615	2-1/4	1-1/2	2-1/8	-	3/8 x 5/8
2012	2-3/4	1-1/4	2-5/8	-	7/16 x 7/8
2017					
2517	3-3/8	1-3/4	3-1/4	-	1/2 x 1
2525	3-3/8	2-1/2	3-1/4	-	1/2 x 1
3020	4-1/4	2	4	-	5/8 x 1-1/4
3030	4-1/4	3	4	-	5/8 x 1-1/4
3535	5	3-1/2	4.83	40°	1/2 x 1-1/2
4040	5-3/4	5-3/4	5.54	40°	5/8 x 1-3/4
4545	6-3/8	4-1/2	6.13	40°	3/4 x 2
5050	7	5	6.72	37°	7/8 x 2-1/4

Note: 1008 – 3030 require two screws
3535 – 5050 requires three screws

Taper Lock Bush (metric)

Bush	Bore	Keyway (W x D)	App. Kg
1008	12	4 x 1.8	0.13
	14		0.13
	15		0.13
	16	5 X 2.3	0.12
	18		0.12
	19	6 x 2.8	0.1
	20		0.1
	22		0.1
	24	8 x 2.0	0.09
	25	3 x 1.3	0.08
1108	10	3 x 1.4	0.16
	11	4 x 1.8	0.16
	12		0.16
	14	5 x 2.3	0.16
	15		0.15
	16		0.14
	18	6 x 2.8	0.14
	19		0.13
	20		0.13
	22		0.12
	24	8 x 3.3	0.11
	25		0.1
	28	8 2.0	0.09
1210	11	4 x 1.8	0.3
	12		0.28
	14	5 x 2.3	0.28
	15		0.27
	16		0.27
	18	6 x 2.8	0.26
	19		0.25
	20		0.25
	22		0.23
	24	8 x 3.3	0.22
	25		0.21
	28		0.19
	30		0.17
	32	10 x 3.3	0.15
1215	11	4 x 1.8	0.41
	12		0.4
	14	5 x 2.3	0.39
	16		0.38
	18	6 x 2.8	0.37
	19		0.36
	20		0.35
	22		0.33
	24	8 x 3.3	0.31
	25		0.29
	28		0.26
	30		0.24
	32	10 x 3.3	0.22

Bush	Bore	Keyway (W x D)	App. Kg
1610	12	5 x 2.3	0.4
	14		0.42
	16		0.41
	18	6 x 2.8	0.4
	19		0.4
	20		0.39
	22		0.38
	24	8 x 3.3	0.36
	25		0.35
	28		0.33
	30		0.31
	32	10 x 3.3	0.29
	35		0.26
	38		0.24
	40	12 x 3.3	0.22
	42	12 x 2.2	0.2
1615	14	5 x 2.3	0.6
	16		0.58
	18	6 x 2.8	0.56
	20		0.54
	22		0.52
	24	8 x 3.3	0.5
	25		0.49
	28		0.47
	30		0.44
	32	10 x 3.3	0.41
	35		0.38
	38		0.33
	40	12 x 3.3	0.31
	42	12 x 2.2	0.28
2012	14		0.79
	15		0.78
	16		0.78
	18	6 x 2.8	0.77
	19		0.76
	20		0.76
	22		0.74
	24	8 x 3.3	0.73
	25		0.71
	28		0.68
	30		0.66
	32	10 x 3.3	0.64
	35		0.61
	38		0.57
	40	12 x 3.3	0.54
	42		0.51
	45	14 x 3.8	0.47
	48		0.42
	50		0.37
2017	24		
	25		
	28		
	30		
	32		
	35		
	38		
	40		
	42		
	45		
	50		

Bush	Bore	Keyway (W x D)	App. Kg
2517	16		1.75
	18		1.71
	19		1.66
	20	6 x 2.8	1.62
	22		1.58
	24	3 x 3.3	1.56
	25		1.56
	28		1.5
	30		1.49
	32	10 x 3.3	1.46
	35		1.42
	38		1.35
	40	12 x 3.3	1.31
	42		1.26
	45	14 x 3.8	1.2
	48		1.14
	50		1.1
	55	16 x 4.3	0.95
	60	18 x 4.4	0.82
2525	28	3 x 3.3	2.09
	30		2.05
	32	10 x 3.3	2.01
	35		1.94
	38		1.86
	40	12 x 3.3	1.8
	42		1.74
	45	14 x 3.8	1.64
	48		1.55
	50		1.48
	55	16 x 4.3	1.29
	60	18 x 4.4	1.08
3020	24		2.89
	25	8 x 3.3	2.93
	28		2.88
	30		2.85
	32	10 x 3.3	2.84
	35		2.77
	38		2.71
	40	12 x 3.3	2.67
	42		2.6
	45	14 x 3.8	2.56
	48		2.47
	50		2.2
	55	16 x 4.3	2.15
	60	18 x 4.4	2.07
	65		1.93
	70	20 x 4.9	1.7
	75		1.5
3030	35	10 x 3.3	3.97
	38		3.89
	40	12 x 3.3	3.8
	42		3.65
	45	14 x 3.8	3.4
	48		3.5
	50		3.42
	55	16 x 4.30	3.2
	60	18 x 4.4	2.95
	65		2.67
	70	20 x 4.9	2.45
	75		2.1

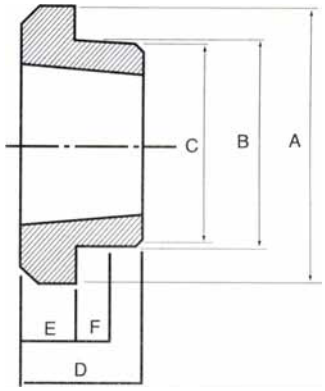
Bush	Bore	Keyway (W x D)	App. Kg
3535	35	10 x 3.3	4.96
	38		4.88
	40	12 x 3.3	4.82
	42		4.76
	45	14 x 3.8	4.67
	48		4.57
	50		4.5
	55	16 x 4.3	4.31
	60	18 x 4.4	4.1
	65		3.88
	70	20 x 4.9	3.64
	75		3.38
	80	22 x 5.4	3.1
	85		2.8
	90	25 x 5.4	2.49
4040	40	12 x 3.3	10.46
	42		10.07
	45	14 x 3.8	9.77
	48		9.64
	50		9.5
	55	16 x 4.3	9.25
	60	18 x 4.4	8.9
	65		8.5
	70	20 x 4.9	8.2
	75		7.7
	80	22 x 5.4	7.4
	85		6.9
	90	25 x 5.4	6.4
	95		5.95
	100	28 x 6.4	5.5
4545	55	16 x 4.3	13.2
	60	18 x 4.4	12.9
	65		12.4
	70	20 x 4.9	12
	75		11.5
	80	22 x 5.4	10.9
	85		10.5
	90	25 x 5.4	9.9
	95		9.5
	100	28 x 6.4	8.9
	105		8.2
	110		7.4
5050	70	20 x 4.9	17
	75		16.3
	80	22 x 5.4	15.6
	85		15
	90	25 x 5.4	14.4
	95		13.6
	100	28 x 6.4	12.9
	110		11.5
	120	32 x 7.4	9.8
	125		8.9

Taper Lock Bush (imperial)

Bush	Bore	Keyway (W x D)	App. Kg
1008	5/16	1/8 x 1/16	0.15
	3/8		0.15
	1/2		0.14
	5/8	3/16 x 3/32	0.12
	3/4		0.1
	7/8		0.09
	1	1/4 x 1/16	0.08
1108	5/16	1/8 x 1/16	0.16
	3/8		0.16
	1/2		0.16
	5/8	3/16 x 3/32	0.14
	3/4		0.13
	7/8		0.12
	1	1/4 x 1/8	0.1
	1 1/8	1/4 x 1/16	0.09
1210	1/2	1/8 x 1/16	0.28
	5/8	3/16 x 3/32	0.27
	3/4		0.25
	7/8		0.23
	1	1/4 x 1/8	0.21
	1-1/8		0.19
	1 1/4		0.18
1215	5/8	3/16 x 3/32	0.38
	3/4		0.35
	7/8		0.33
	1	1/4 x 1/8	0.29
	1-1/8		0.26
	1-1/4		0.22
1610	1/2	1/8 x 1/16	0.44
	5/8	3/16 x 3/32	0.41
	3/4		0.40
	7/8		0.38
	1	1/4 x 1/8	0.35
	1-1/8		0.31
	1-1/4		0.29
	1-3/8	5/16 x 5/32	0.26
	1-1/2	3/8 x 3/16	0.24
	1-5/8	3/8 x 1/8	0.20
1615	1/2	1/8 x 1/16	0.60
	5/8	3/16 x 3/32	0.58
	3/4		0.56
	7/8		0.52
	1	1/4 x 1/8	0.49
	1-1/8		0.47
	1-1/4		0.44
	1-3/8	5/16 x 5/32	0.38
	1-1/2	3/8 x 3/16	0.33
	1-5/8	3/8 x 1/8	0.30
2012	5/8	3/16 x 3/32	0.78
	3/4		0.76
	7/8		0.74
	1	1/4 x 1/8	0.70
	1-1/8		0.67
	1-1/4		0.64
	1-		0.63
	1-3/8	5/16 x 5/32	0.61
	1-1/2	3/8 x 3/16	0.57
	1-5/8		0.54
	1-3/4		0.47
	1-7/8	1/2 x 1/4	0.42
	2	1/2 3/16	0.37
2017	1		
	1-1/8		
	1-1/4		
	1-3/8		
	1-1/2		
	1-3/4		
	2		
2517	5/8	3/16 x	1.75
	7/8		1.58
	3/4		1.66
	1	1/4 x 1/8	1.56
	1-1/8		1.50
	1-1/4		1.46
	1-3/8	5/16 x	1.42
	1-1/2	3/8 x 3/16	1.35
	1-5/8		1.27
	1-3/4		1.20
	1-7/8	1/2 x 1/4	1.14
	2		1.10
	2-1/8		0.95
	2-1/4		0.82
	2-3/8	5/8 x 3/16	0.69
	2-1/2		0.63
2525	1	1/4 x 1/8	2.15
	1-1/8		2.09
	1-1/4		2.01
	1-3/8	5/16 x	1.94
	1-1/2	3/8 x 3/16	1.86
	1-5/8		1.74
	1-3/4		1.65
	1-7/8	1/2 x 1/4	1.55
	2		1.48
	2-1/8		1.29
	2-1/4		1.23
	2-3/8	5/8 x 3/16	1.17
	2-1/2		1.10
3020	1-1/8	1/4 x 1/8	2.85
	1-1/4		2.84
	1-3/8		2.77
	1-1/2	3/8 x 3/16	2.71
	1-5/8		2.60
	1-3/4		2.56
	1-7/8	1/2 x 1/4	2.47
	2		2.20
	2-1/8		2.15
	2-1/4		2.10
	2-3/8	5/8 x 5/16	2.07
	2-1/2		1.93
	2-5/8		1.93
	2-3/4		1.70
	2-7/8	3/4 x 1/4	1.50
	3		1.45
3030	2-1/8		3.20
	2-1/4		3.00
	2-3/8	5/8 x 5/16	2.67
	2-1/2		2.45
	2-5/8		2.38
	2-3/4		2.30
	2-7/8	3/4 x 1/4	2.20
	3		2.10
3535	1-1/4	1/4 x 1/8	6.20
	1-3/8	5/16 x 5/32	6.50
	1-1/2	3/8 3/16	6.60
	1-5/8		6.60
	1-3/4		6.25
	1-7/8	1/2 x 1/4	6.10
	2		6.00
	2-1/8		5.77
	2-1/4		5.55
	2-3/8	5/8 x 5/16	5.45
	2-1/2		5.35
	2-5/8		5.15
	2-3/4		4.80
	2-7/8	3/4 x 3/8	4.55
	3		4.45
	3-1/8		4.25
	3-1/4		4.06
	3-3/8	7/8 x 1/4	3.63
	3-1/2		3.50
4040	1-3/4	3/8 x 3/16	9.77
	1-7/8	1/2 x 1/4	9.64
	2		9.50
	2-1/8		9.35
	2-1/4		9.25
	2-3/8	5/8 x 5/16	8.90
	2-1/2		8.30
	2-5/8		8.20
	2-3/4		8.10
	2-7/8	3/4 x 3/8	8.95
	3		7.70
	3-1/8		7.40
	3-1/4		7.30
	3-3/8	7/8 x 7/16	6.90
	3 1/2		6.40
	3-3/4		5.95
	4	1 x 1/4	5.50
4545	2-1/4	1/2 x 1/4	13.20
	2-1/2	5/8 x 5/16	12.90
	2-5/8		12.40
	2-3/4		12.00
	2-7/8	3/4 x 3/8	11.50
	3		10.90
	3-1/8		10.70
	3-1/4		10.60
	3-3/8	7/8 x 7/16	10.50
	3-1/2		10.00
	3-3/4		9.50
	4	1 x 1/2	8.90
	4-1/8		8.20
	4-1/4		7.90
	4-1/2		7.40
5050	2-3/4	5/8 x 5/16	17.00
	3	3/4 x 3/8	16.80
	3-1/4	7/8 x 7/16	15.50
	3-1/2		15.30
	4	1 x 1/2	12.90
	4-1/4		12.20
	4-1/2		10.60
	5	1-1/4 x 7/16	8.90

Weld on Hub

Taper Bore Weld-on Hubs are drilled, tapped and bored to receive standard taper bushings. The extended flange provides a convenient means for welding devices, which must be firmly fastened to a shaft.

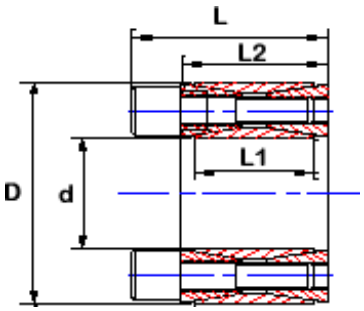


Hub Ref.	Bush No.	A	B	C	D	E	F
W12	1215	73.03	63.5	62.71	38.1	15.88	9.53
W16	1615	82.55	73.03	72.24	38.1	15.88	9.53
W20	2017	101.6	88.9	88.11	44.45	19.05	14.45
W25	2517	127	111.13	110.34	44.45	19.05	14.45
W30	3030	149.86	133.35	132.56	76.2	25.4	19.05
W35	3535	184.15	158.75	157.96	88.9	31.75	25.4
W40	4040	225.43	196.85	196.06	101.6	31.75	31.75
W45	4545	254	222.25	221.46	114.3	38.1	38.1

Hub Ref.	Bush No.	A	B	C	D	E	F
WH12	1210	70	65	64.5	25	9	10
WH16	1610	80	75	74.5	25	9	10
WH20	2012	95	90	89.5	32	12	12
WH25	2517	115	110	109.5	44	19	15
WH30	3020	145	140	139.5	50	20	15
WH35	3525	190	180	179.5	65	25	25
WH40	4040	200	190	189.5	101	32	30
WH45	4545	210	200	199.5	114	40	30
WH50	5050	230	220	219.5	127	40	45

Self Locking Units (Type-01)

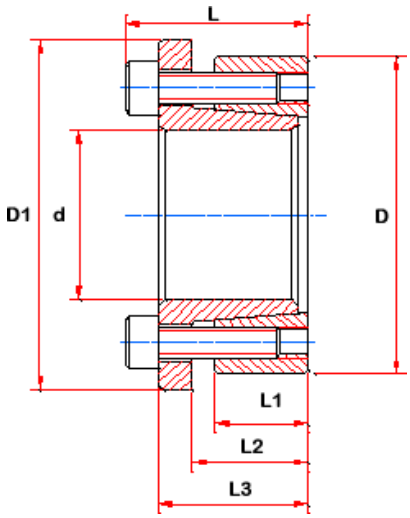
Locking Assemblies provide reliable, high strength keyless connections by converting locking screw clamp loads into radial contact pressures applied simultaneously to both the shaft and the bore of the mounted component. The resulting zero-backlash mechanical interference fit will accommodate high torque, thrust, bending and/or radial loads, and unlike other mounting technologies will never wear or pound out, even for high cycle fluctuating or reversing loads.



Locking Assemblies provide reliable, high strength keyless connections for shaft driven devices. When the Locking Units bolts are tightened plates engage with both the shaft and the inside circumference of the driven component. The locking assembly distributes the applied pressure evenly. No keyways or grubscrews are required with this device.

Dimensions					Performance		Pressure		Clamping Screws DIN912-12.9		
Φd	ΦD	L1	L2	L	Transmissable Torque KN	Transmissable Axial Force Nm	Shaft Surface Pressure N/mm^2	Hub Surface Pressure N/mm^2	No.	Size	Screws Tightening Torque Nm
19	47	17	20	26	31	298	286	116	8	M6x18	14.9
20	47	17	20	26	31	313	272	116	8	M6x18	14.9
22	47	17	20	26	31	345	247	116	8	M6x18	14.9
24	50	17	20	26	35	424	255	123	9	M6x18	14.9
25	50	17	20	26	35	441	245	123	9	M6x18	14.9
28	55	17	20	26	39	549	243	124	10	M6x18	14.9
30	55	17	20	26	39	588	227	124	10	M6x18	14.9
32	60	17	20	26	47	752	255	136	12	M6x18	14.9
35	60	17	20	26	47	822	233	136	12	M6x18	14.9
38	65	17	20	26	55	1042	250	146	14	M6x18	14.9
40	65	17	20	26	55	1097	238	146	14	M6x18	14.9
42	75	20	24	32	83	1740	291	163	12	M8x22	35
45	75	20	24	32	83	1864	271	163	12	M8x22	35
48	80	20	24	32	83	1988	254	153	12	M8x22	35
50	80	20	24	32	83	2071	244	153	12	M8x22	35
55	85	20	24	32	97	2658	259	168	14	M8x22	35
60	90	20	24	32	97	2900	238	158	14	M8x22	35
65	95	20	24	32	110	3587	250	171	16	M8x22	35
70	110	24	28	38	153	5345	268	171	14	M10x25	69
75	115	24	28	38	153	5727	250	163	14	M10x25	69
80	120	24	28	38	153	6108	235	156	14	M10x25	69
85	125	24	28	38	175	7417	252	172	16	M10x25	69
90	130	24	28	38	175	7854	238	165	16	M10x25	69
95	135	24	28	38	196	9326	254	179	18	M10x25	69
100	145	26	33	45	227	11362	258	178	14	M12x30	123.3
110	155	26	33	45	227	12498	234	166	14	M12x30	123.3
120	165	26	33	45	260	15578	245	178	16	M12x30	123.3
130	180	34	38	50	325	21095	217	156	20	M12x35	123.3
140	190	34	38	50	357	24993	221	163	22	M12x35	123.3
150	200	34	38	50	390	29217	225	169	24	M12x35	123.3
160	210	34	38	50	422	33756	229	174	26	M12x35	123.3
170	225	38	44	58	465	39483	212	160	22	M14x40	187
180	235	38	44	58	507	45606	218	167	24	M14x40	187
190	250	46	52	66	591	56163	199	152	28	M14x45	187
200	260	46	52	66	633	63342	203	156	30	M14x45	187
220	285	50	56	72	745	81960	200	154	26	M16X50	290
240	305	50	56	72	860	103162	211	166	30	M16X50	290
260	325	50	56	72	974	126669	221	177	34	M16X50	290
280	355	60	66	84	1124	157339	197	156	32	M18X60	400
300	375	60	66	84	1264	189653	207	166	36	M18X60	400
320	405	72	78	98	1651	264108	211	167	36	M20X70	580

Self Locking Units (Type-07)

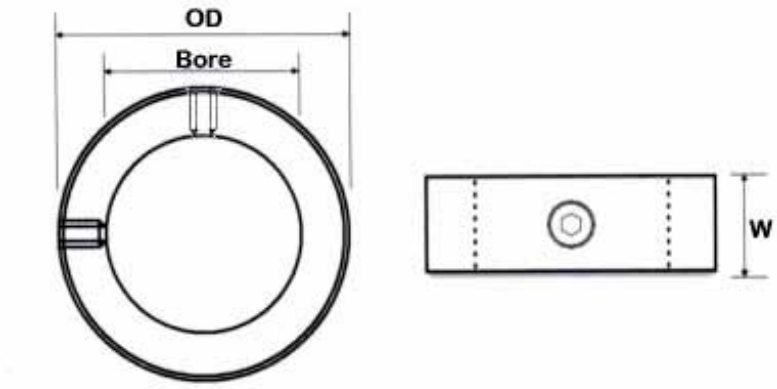


Dimensions							Transmissable Torque KN	Transmissable Axial Force Nm	Pressure		Clamping Screws DIN912-12.9		
Φd	ΦD	ΦD1	L1	L2	L3	L			Shaft Surface Pressure N/mm^2	Hub Surface Pressure N/mm^2	No.	Size	Screws Tightening Torque Nm
19	47	56	17	22	28	34	26	243	234	94	5	M6x20	17
20	47	56	17	22	28	34	26	256	222	94	5	M6x20	17
22	47	56	17	22	28	34	26	282	202	94	5	M6x20	17
24	50	59	17	22	28	34	31	368	222	106	6	M6x20	17
25	50	59	17	22	28	34	31	383	213	106	6	M6x20	17
28	55	64	17	22	28	34	31	429	190	97	6	M6x20	17
30	55	64	17	22	28	34	31	460	177	97	6	M6x20	17
32	60	69	17	22	28	34	41	655	222	118	8	M6x20	17
35	60	69	17	22	28	34	41	716	203	118	8	M6x20	17
38	65	74	17	22	28	34	41	778	187	109	8	M6x20	17
40	65	74	17	22	28	34	41	819	178	109	8	M6x20	17
42	75	84	20	25	33	41	65	1361	227	127	7	M8x25	41
45	75	84	20	25	33	41	65	1458	212	127	7	M8x25	41
50	80	89	20	25	33	41	65	1620	191	119	7	M8x25	41
55	85	94	20	25	33	41	74	2037	199	129	8	M8x25	41
60	90	99	20	25	33	41	74	2223	182	121	8	M8x25	41
65	95	104	20	25	33	41	83	2710	189	129	9	M8x25	41
70	110	119	24	30	40	50	120	4203	211	134	8	M10x30	83
75	115	124	24	30	40	50	120	4754	197	128	8	M10x30	83
80	120	129	24	30	40	50	120	4804	184	123	8	M10x30	83
85	125	134	24	30	40	50	135	5742	195	133	9	M10x30	83
90	130	139	24	30	40	50	135	6080	184	128	9	M10x30	83
95	135	144	24	30	40	50	150	7131	194	137	10	M10x30	83
100	145	154	26	32	44	56	175	8732	198	137	8	M12x35	145
110	155	164	26	32	44	56	175	9605	180	128	8	M12x35	145
120	165	174	26	32	44	56	196	11787	186	135	9	M12x35	145
130	180	189	34	40	52	64	262	17024	175	126	12	M12x35	145
140	190	199	34	40	54	68	267	18703	166	122	9	M14x40	230
150	200	209	34	40	54	68	297	22259	172	129	10	M14x40	230
160	210	219	34	40	54	68	326	26119	177	135	11	M14x40	230
170	225	234	44	50	64	78	356	30276	140	106	12	M14x40	230
180	235	244	44	50	64	78	356	32057	133	102	12	M14x40	230
190	250	259	44	50	64	78	445	42302	157	119	15	M14x40	230
200	260	269	44	50	64	78	445	44528	149	115	15	M14x40	230
220	285	295	50	56	75	91	481	52902	129	100	12	M16x50	355
240	305	315	50	56	75	91	601	72135	148	116	15	M16x50	355
260	325	335	50	56	75	91	641	83370	145	116	16	M16x50	355
280	355	365	60	66	87	105	803	112463	141	111	16	M18x50	500
300	375	385	60	66	87	105	904	135562	148	118	18	M18x50	500

Shaft Collars

Set screw collars are most effective when used on a shaft made of a material which is is softer than the set screw.

Steel-Cold Drawn Bar-Black Finish



Metric Shaft Collars

Part No.	Bore	O.D.	W	Screw Size	Approx Kg
FSC-4	4.0	8.0	5.0	M4*4	0.01
FSC-5	5.0	10.0	6.0	M4*4	0.01
FSC-6	6.0	12.0	8.0	M4*4	0.01
FSC-8	8.0	16.0	8.0	M4*4	0.01
FSC-10	10.0	20.0	10.0	M6*6	0.02
FSC-12	12.0	22.0	12.0	M6*6	0.03
FSC-14	14.0	25.0	12.0	M6*6	0.03
FSC-15	15.0	25.0	12.0	M6*6	0.04
FSC-16	16.0	28.0	12.0	M6*6	0.04
FSC-20	20.0	32.0	14.0	M6*6	0.05
FSC-22	22.0	36.0	14.0	M6*6	0.07
FSC-25	25.0	40.0	16.0	M6*6	0.10
FSC-28	28.0	45.0	16.0	M8*8	0.11
FSC-30	30.0	45.0	16.0	M8*8	0.15
FSC-32	32.0	50.0	16.0	M8*8	0.16
FSC-35	35.0	56.0	16.0	M8*8	0.18
FSC-38	38.0	56.0	16.0	M8*8	0.21
FSC-40	40.0	63.0	18.0	M10*12	0.30
FSC-45	45.0	70.0	18.0	M10*12	0.35
FSC-50	50.0	80.0	18.0	M10*12	0.40

Bore Tolerances

Bore	Tolerances
All	+.01mm 0.05mm

Width Tolerance

All	+0.08 -0.25

Imperial Shaft Collars

Part No.	Bore	O.D.	W	Screw Size	Approx Kg
FSC-1/4	0.250	0.500	0.281	M4*4	0.01
FSC-3/8	0.375	0.750	0.375	M6*5	0.01
FSC-1/2	0.500	1.000	0.438	M6*5	0.03
FSC-5/8	0.625	1.125	0.500	M6*6	0.04
FSC-3/4	0.750	1.250	0.563	M6*6	0.05
FSC-7/8	0.875	1.500	0.563	M6*6	0.07
FSC-1	1.000	1.625	0.625	M6*6	0.10
FSC-1-1/8	1.125	1.750	0.625	M8*6	0.11
FSC-1-1/4	1.250	2.000	0.688	M8*8	0.16
FSC-1-3/8	1.375	2.125	0.750	M8*8	0.18
FSC-1-1/2	1.500	2.250	0.750	M8*8	0.21
FSC-1-5/8	1.625	2.500	0.813	M8*8	0.29
FSC-1-3/4	1.750	2.750	0.875	M10*12	0.32
FSC-1-7/8	1.875	2.750	0.875	M10*12	0.35
FSC-2	2.000	3.000	0.875	M10*12	0.45

Bore Tolerances

Bore	Tolerances
Upto 1”	+0.0005” +0.002”
1 1/8” to 2”	+0.0005 -0.003

Width Tolerance

All	+0.003” -0.010”

Key Steel

Finer Power Transmissions carries a wide range of Key Steel in both Metric and Imperial Sizes. Individual pieces are clearly marked for quick identification.

Specifically manufactured from steel designed for keyways, it can be used in situations where a shaft has a keyed drive running off it.

Finer Key Steel is fully zinc coated to further protect it from environmental factors.

IMPERIAL

Size	App. Kg
1/8 x 1/8	0.02
3/16 x 3/16	0.05
3/16 x 1/4	0.07
1/4 x 1/4	0.10
1/4 x 5/16	0.12
1/4 x 3/8	0.14
5/16 x 5/16	0.15
5/16 x 3/8	0.18
5/16 x 7/16	0.21
5/16 x 1/2	0.24
3/8 x 3/8	0.22
3/8 x 1/2	0.29
7/16 x 7/16	0.30
7/16 x 1/2	0.34
7/16 x 5/8	0.42
1/2 x 1/2	0.39
1/2 x 5/8	0.48
1/2 x 3/4	0.58
9/16 x 9/16	0.49
5/8 x 5/8	0.60
5/8 x 3/4	0.72
5/8 x 7/8	0.84
3/4 x 3/4	0.87
3/4 x 1	1.16
7/8 x 7/8	1.18
7/8 x 1-1/4	1.69
1 x 1	1.00
1-1/8 x 1-1/8	1.95
1 x 1-1/2	2.32
1-1/4 x 1-1/4	2.41
1-1/2 x 1-1/2	3.47
1-3/4 x 1-3/4	4.73
2 x 2	6.17

METRIC

Size	App. Kg
4 x 4mm	0.04
5 x 5mm	0.06
6 x 6mm	0.08
7 x 8mm	0.13
8 x 8mm	0.15
8 x 10mm	0.19
8 x 12mm	0.23
9 x 14mm	0.30
10 x 10mm	0.24
10 x 12mm	0.28
10 x 16mm	0.38
11 x 18mm	0.47
12 x 12mm	0.34
12 x 20mm	0.57
14 x 14mm	0.46
14 x 22mm	0.73
14 x 25mm	0.82
16 x 16mm	0.60
16 x 28mm	1.06
18 x 18mm	0.76
18 x 32mm	1.36
20 x 20mm	0.94
20 x 36mm	1.70
22 x 22mm	1.14
22 x 40mm	2.07

Supplied in 30cm/12" lengths.