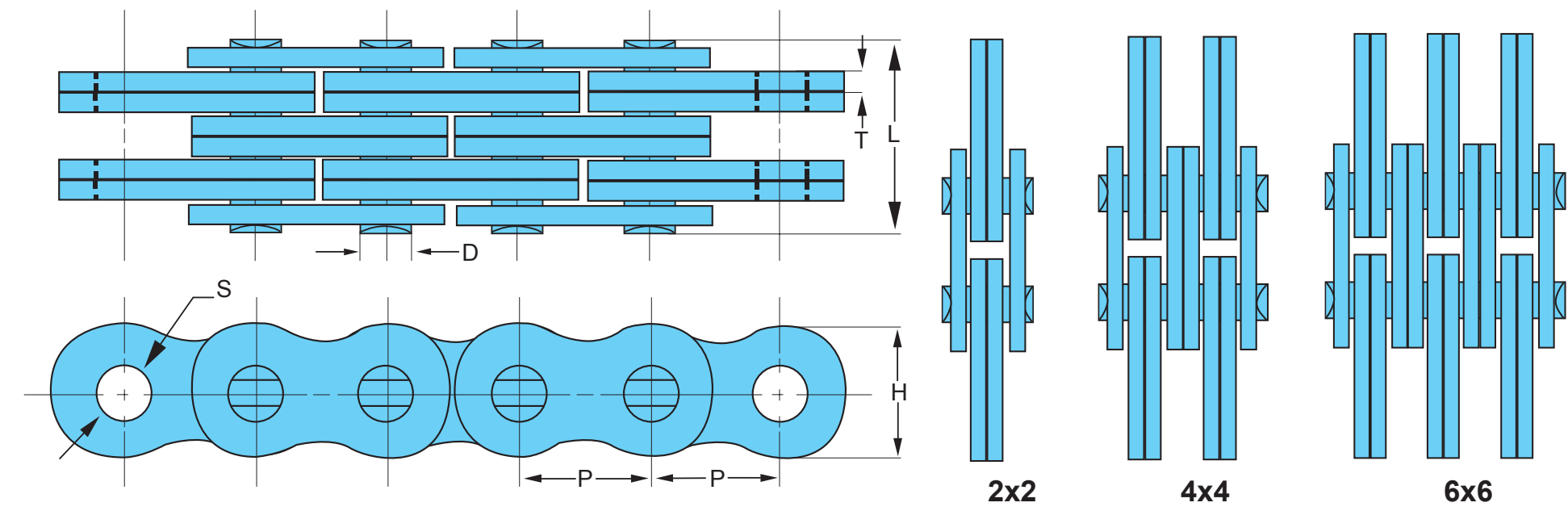


Tsubaki chains comply with DIN8152, ANSI B29.8, and IS04347

AL Series

AL Series leaf chains - light duty - consist of link plates with the same contour and thickness as the pin link plates of ANSI roller chains having the same pitch.

	Pitch	Lacing	Min. Tensile Strength kN {kgf}	Pin Dia	Pin Overall Length	Link Plate Thickness	Link Plate Height	Hole Dia. (min)	Approx. Weight
Chain No.	P		16.7 {1,700}	D	L	T	H	S	kg/m
AL-422	12.70	2 x 2	16.7 {1,700}	3.97	8.40	1.50	10.40	4.02	0.38
AL-444	12.70	4 x 4	33.3 {3,400}	3.97	14.85	1.50	10.40	4.02	0.74
AL-466	12.70	6 x 6	50.0 {5,100}	3.97	21.30	1.50	10.40	4.02	1.10
AL-522	15.875	2 x 2	27.5 {2,800}	5.08	10.85	2.00	13.00	5.13	0.62
AL-544	15.875	4 x 4	54.9 {5,600}	5.08	19.35	2.00	13.00	5.13	1.22
AL-566	15.875	6 x 6	82.4 {8,400}	5.08	27.80	2.00	13.00	5.13	1.81
AL-622	19.05	2 x 2	38.2 {3,900}	5.94	12.65	2.40	15.60	6.00	0.87
AL-644	19.05	4 x 4	76.5 {7,800}	5.94	22.55	2.40	15.60	6.00	1.71
AL-666	19.05	6 x 6	115 {11,700}	5.94	32.45	2.40	15.60	6.00	2.54
AL-822	25.40	2 x 2	64.7 {6,600}	7.90	16.35	3.20	20.80	7.97	1.51
AL-844	25.40	4 x 4	129 {13,200}	7.90	29.80	3.20	20.80	7.97	2.98
AL-866	25.40	6 x 6	194 {19,800}	7.90	43.20	3.20	20.80	7.97	4.44
AL-1022	31.75	2 x 2	98.1 {10,000}	9.48	20.05	4.00	26.00	9.57	2.69
AL-1044	31.75	4 x 4	196 {20,000}	9.48	36.70	4.00	26.00	9.57	5.31
AL-1066	31.75	6 x 6	294 {30,000}	9.48	53.30	4.00	26.00	9.57	7.93
AL-1222	38.10	2 x 2	141 {14,400}	11.04	24.20	4.80	31.20	11.14	3.57
AL-1244	38.10	4 x 4	282 {28,800}	11.04	44.00	4.80	31.20	11.14	7.07
AL-1266	38.10	6 x 6	424 {43,200}	11.04	63.85	4.80	31.20	11.14	10.56
AL-1444	44.45	4 x 4	373 {38,000}	12.64	51.30	5.60	36.40	12.74	10.34
AL-1466	44.45	6 x 6	559 {57,000}	12.64	74.55	5.60	36.40	12.74	15.16
AL-1644	50.80	4 x 4	471 {48,000}	14.21	58.05	6.40	41.60	14.32	12.98
AL-1666	50.80	6 x 6	706 {72,000}	14.21	84.45	6.40	41.60	14.32	19.41



Chain Elongation Scale

It can identify the amount of the elongation for RS roller chain, RF double pitch chain BS/DIN roller chain and leaf chain and indicate the timing for replacement

HOW TO USE

Setting up the chain elongation scale on a chain.

● Position of the pin when a chain is new

● Position of the pin when a chain comes to its limit of elongation

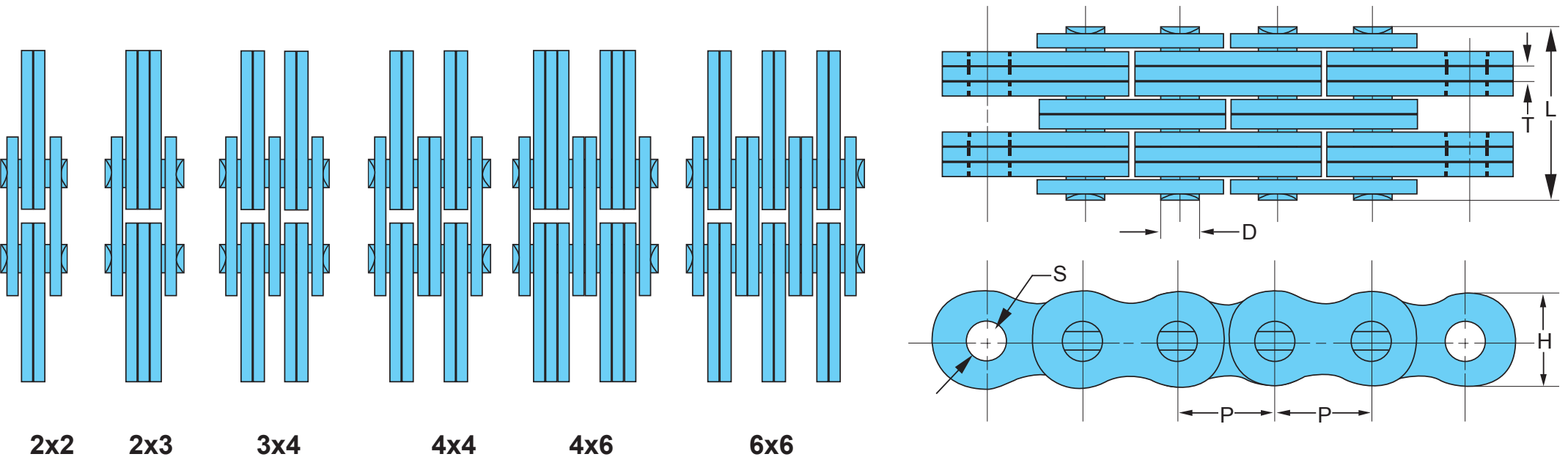
When the indicated point of the chain elongation scale exceeds the center of the pin, the elongation of a chain comes to its limit, and it is time for replacement.

Note: Number of pitches is shown in parenthesis on the scale.

BL Series

Heavy Duty BL series leaf chains incorporate link plates from the next larger size pitch ANSI roller chains.

	Pitch	Lacing	Min. Tensile Strength kN {kgf}	Pin Dia	Pin Overall Length	Link Plate Thickness	Link Plate Height	Hole Dia. (min)	Approx. Weight
Chain No.	P		16.7 {1,700}	D	L	T	H	S	kg/m
BL-422	12.70	2 x 2	23.5 {2,400}	5.08	10.85	2.00	12.00	5.13	0.68
BL-423	12.70	2 x 3	23.5 {2,400}	5.08	12.95	2.00	12.00	5.13	0.84
BL-434	12.70	3 x 4	35.3 {3,600}	5.08	17.20	2.00	12.00	5.13	1.13
BL-444	12.70	4 x 4	47.1 {4,800}	5.08	19.41	2.00	12.00	5.13	1.28
BL-446	12.70	4 x 6	47.1 {4,800}	5.08	23.60	2.00	12.00	5.13	1.65
BL-466	12.70	6 x 6	69.6 {7,100}	5.08	27.80	2.00	12.00	5.13	1.96
BL-522	15.875	2 x 2	39.2 {4,000}	5.94	12.65	2.40	15.00	6.00	1.07
BL-523	15.875	2 x 3	39.2 {4,000}	5.94	15.10	2.40	15.00	6.00	1.27
BL-534	15.875	3 x 4	58.8 {6,000}	5.94	20.10	2.40	15.00	6.00	1.69
BL-544	15.875	4 x 4	78.5 {8,000}	5.94	22.56	2.40	15.00	6.00	1.89
BL-546	15.875	4 x 6	78.5 {8,000}	5.94	27.50	2.40	15.00	6.00	2.40
BL-566	15.875	6 x 6	118 {12,000}	5.94	32.45	2.40	15.00	6.00	2.80
BL-622	19.05	2 x 2	63.7 {6,500}	7.90	16.38	3.20	18.10	7.97	1.68
BL-623	19.05	2 x 3	63.7 {6,500}	7.90	19.75	3.20	18.10	7.97	2.04
BL-634	19.05	3 x 4	95.6 {9,750}	7.90	26.45	3.20	18.10	7.97	2.83
BL-644	19.05	4 x 4	127 {13,000}	7.90	29.80	3.20	18.10	7.97	3.18
BL-646	19.05	4 x 6	127 {13,000}	7.90	36.50	3.20	18.10	7.97	4.01
BL-666	19.05	6 x 6	191 {19,500}	7.90	43.20	3.20	18.10	7.97	4.73
BL-822	25.40	2 x 2	103 {10,500}	9.48	20.17	4.00	24.10	9.57	2.59
BL-823	25.40	2 x 3	103 {10,500}	9.48	24.20	4.00	24.10	9.57	3.20
BL-834	25.40	3 x 4	155 {15,800}	9.48	32.55	4.00	24.10	9.57	4.44
BL-844	25.40	4 x 4	190 {19,400}	9.48	36.90	4.00	24.10	9.57	5.04
BL-846	25.40	4 x 6	206 {21,000}	9.48	45.00	4.00	24.10	9.57	6.32
BL-866	25.40	6 x 6	286 {29,200}	9.48	53.30	4.00	24.10	9.57	7.54
BL-1022	31.75	2 x 2	141 {14,400}	11.04	23.98	4.80	30.10	11.14	3.76
BL-1023	31.75	2 x 3	141 {14,400}	11.04	28.90	4.80	30.10	11.14	4.69
BL-1034	31.75	3 x 4	216 {22,000}	11.04	38.85	4.80	30.10	11.14	6.55
BL-1044	31.75	4 x 4	282 {28,800}	11.04	43.39	4.80	30.10	11.14	7.48
BL-1046	31.75	4 x 6	282 {28,800}	11.04	53.70	4.80	30.10	11.14	9.29
BL-1066	31.75	6 x 6	424 {43,200}	11.04	63.85	4.80	30.10	11.14	11.16
BL-1222	38.10	2 x 2	186 {19,000}	12.64	28.04	5.60	36.20	12.74	4.83
BL-1223	38.10	2 x 3	186 {19,000}	12.64	33.90	5.60	36.20	12.74	6.54
BL-1234	38.10	3 x 4	299 {30,500}	12.64	45.50	5.60	36.20	12.74	9.10
BL-1244	38.10	4 x 4	373 {38,000}	12.64	51.30	5.60	36.20	12.74	10.39
BL-1246	38.10	4 x 6	373 {38,000}	12.64	62.95	5.60	36.20	12.74	12.01
BL-1266	38.10	6 x 6	559 {57,000}	12.64	74.57	5.60	36.20	12.74	14.58
BL-1422	44.45	2 x 2	235 {24,000}	14.21	31.62	6.40	42.20	14.32	7.31
BL-1423	44.45	2 x 3	235 {24,000}	14.21	38.20	6.40	42.20	14.32	9.06
BL-1434	44.45	3 x 4	387 {39,500}	14.21	51.40	6.40	42.20	14.32	11.32
BL-1444	44.45	4 x 4	471 {48,000}	14.21	58.05	6.40	42.20	14.32	12.96
BL-1446	44.45	4 x 6	471 {48,000}	14.21	71.25	6.40	42.20	14.32	18.00
BL-1466	44.45	6 x 6	706 {72,000}	14.21	84.46	6.40	42.20	14.32	22.51
BL-1622	50.80	2 x 2	353 {36,000}	17.38	35.59	7.20	48.20	17.49	9.84
BL-1623	50.80	2 x 3	353 {36,000}	17.38	43.25	7.20	48.20	17.49	12.16
BL-1634	50.80	3 x 4	554 {56,500}	17.38	58.40	7.20	48.20	17.49	16.95
BL-1644	50.80	4 x 4	706 {72,000}	17.38	65.86	7.20	48.20	17.49	18.97
BL-1646	50.80	4 x 6	706 {72,000}	17.38	81.05	7.20	48.20	17.49	24.09
BL-1666	50.80	6 x 6	1060 {108,100}	17.38	96.15	7.20	48.20	17.49	28.73
BL-1688	50.80	8 x 8	1156 {118,000}	17.38	122.8	7.20	48.20	17.49	36.00
BL-2022	63.50	2 x 2	530 {54,000}	23.73	47.94	9.50	60.30	23.84	14.43
BL-2023	63.50	2 x 3	531 {54,100}	23.73	57.90	9.50	60.30	23.84	17.95
BL-2034	63.50	3 x 4	795 {81,100}	23.73	77.82	9.50	60.30	23.84	24.95
BL-2044	63.50	4 x 4	1062 {108,200}	23.73	87.78	9.50	60.30	23.84	28.45
BL-2046	63.50	4 x 6	1062 {108,200}	23.73	107.70	9.50	60.30	23.84	35.44
BL-2066	63.50	6 x 6	1592 {162,300}	23.73	127.62	9.50	60.30	23.84	42.01



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