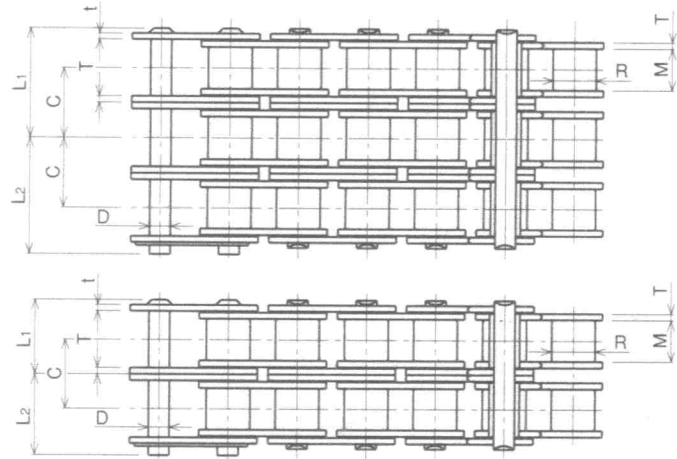
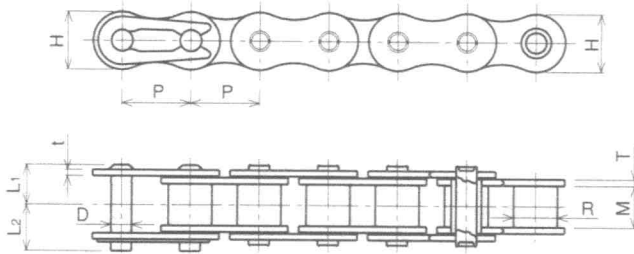


BRITISH STANDARD ROLLER CHAINS

Single, Double and Triple Strand TSUBAKI BS Roller Chains are standardized in accordance with the ISO type "B". The dimensions are fully interchangeable with chains built according to the BS228: 1970 and the DIN8187.



(Dimensions in mm)

TSUBAKI Chain No.	ISO BS/DIN No.	Pitch P	Roller Diam. R	Width b/w Roller Link Plates W	Pin			Link plate			Transverse Pitch C	Min. Tensile Strength kN(kgf)	Bearing Area (Nominal) cm ²	Approx. Mass kg/m	No. of Links/Unit (5 mts)
					D	L ₁	L ₂	T _(PL)	t _(PL)	H _(max)					
SINGLE STRAND															
RS05B	05B	8.00	5.00	3.00	2.30	3.80	4.70	0.75	0.75	7.1	—	5.0 (510)	0.11	0.18	626
RF06B ★	06B	9.525	6.35	5.72	3.28	6.35	7.65	1.27	1.0	8.2	—	9.0 (920)	0.28	0.39	526
RS08B ●	08B	12.70	8.51	7.75	4.45	8.4	10.0	1.6	1.6	11.8	—	19.0 (1,930)	0.50	0.70	394
RS10B ●	10B	15.875	10.16	9.65	5.08	9.55	11.25	1.5	1.5	14.7	—	23.0 (2,340)	0.67	0.95	316
RS12B ●	12B	19.05	12.07	11.68	5.72	11.2	13.1	1.8	1.8	16.1	—	31.0 (3,160)	0.89	1.25	264
RS16B ●	16B	25.40	15.88	17.02	8.28	17.75	19.95	4.0	3.2	21.0	—	70.0 (7,100)	2.10	2.70	198
RS20B	20B	31.75	19.05	19.56	10.19	19.9	23.1	4.4	3.4	26.0	—	98.1(10,000)	2.95	3.85	158
RS24B	24B	38.10	25.40	25.40	14.63	26.65	31.85	6.0	5.6	33.4	—	167 (17,000)	5.54	7.45	132
RS28B	28B	44.45	27.94	30.99	15.90	32.45	37.45	7.5	6.3	36.4	—	200 (20,400)	7.40	9.45	114
RS32B	32B	50.80	29.21	30.99	17.81	32.1	37.7	7.0	6.3	42.2	—	255 (26,000)	8.11	10.25	100
RS40B	40B	63.50	39.37	38.10	22.89	39.25	45.05	8.5	8.0	52.9	—	373 (38,000)	12.76	16.35	80
DOUBLE STRAND															
RF06B-2 ★ ▲	06B-2	9.525	6.35	5.72	3.28	11.43	12.57	1.27	1.0	8.2	10.24	17.0 (1,730)	0.56	0.75	526
RS08B-2 ▲	08B-2	12.70	8.51	7.75	4.45	15.3	16.9	1.6	1.6	11.8	13.92	32.0 (3,260)	1.00	1.35	394
RS10B-2	10B-2	15.875	10.16	9.65	5.08	17.85	19.55	1.5	1.5	14.7	16.59	44.5 (4,540)	1.34	1.85	316
RS12B-2	12B-2	19.05	12.07	11.68	5.72	20.85	22.75	1.8	1.8	16.1	19.46	61.0 (6,220)	1.78	2.50	264
RS16B-2	16B-2	25.40	15.88	17.02	8.28	33.55	35.75	4.0	3.2	21.0	31.88	128 (13,000)	4.20	5.40	198
RS20B-2	20B-2	31.75	19.05	19.56	10.19	38.25	41.45	4.4	3.4	26.0	36.45	197 (20,100)	5.91	7.65	158
RS24B-2	24B-2	38.10	25.40	25.40	14.63	50.8	56.0	6.0	5.6	33.4	48.36	335 (34,100)	11.09	14.65	132
RS28B-2	28B-2	44.45	27.94	30.99	15.90	62.15	67.15	7.5	6.3	36.4	59.56	374 (38,100)	14.81	18.80	114
RS32B-2	32B-2	50.80	29.21	30.99	17.81	61.25	66.85	7.0	6.3	42.2	58.55	485 (49,500)	16.23	20.10	100
RS40B-2	40B-2	63.50	39.37	38.10	22.89	75.4	81.2	8.5	8.0	52.9	72.29	716 (73,000)	25.52	32.00	80
TRIPLE STRAND															
RF06B-3 ★ ▲	06B-3	9.525	6.35	5.72	3.28	16.9	17.5	1.27	1.0	8.2	10.24	24.9 (2,540)	0.84	1.11	526
RS08B-3 ▲	08B-3	12.70	8.51	7.75	4.45	22.25	23.85	1.6	1.6	11.8	13.92	47.5 (4,840)	1.50	2.00	394
RS10B-3	10B-3	15.875	10.16	9.65	5.08	26.15	27.85	1.5	1.5	14.7	16.59	66.8 (6,810)	2.01	2.80	316
RS12B-3	12B-3	19.05	12.07	11.68	5.72	30.6	32.5	1.8	1.8	16.1	19.46	92 (9,400)	2.67	3.80	264
RS16B-3	16B-3	25.40	15.88	17.02	8.28	49.5	51.7	4.0	3.2	21.0	31.88	192 (19,600)	6.30	8.00	198
RS20B-3	20B-3	31.75	19.05	19.56	10.19	56.5	59.7	4.4	3.4	26.0	36.45	295 (30,100)	8.86	11.45	158
RS24B-3	24B-3	38.10	25.40	25.40	14.63	75.1	80.2	6.0	5.6	33.4	48.36	500 (51,000)	16.64	21.75	132
RS28B-3	28B-3	44.45	27.94	30.99	15.90	91.95	96.95	7.5	6.3	36.4	59.56	560 (57,100)	22.21	28.20	114
RS32B-3	32B-3	50.80	29.21	30.99	17.81	90.5	96.10	7.0	6.3	42.2	58.55	729 (74,300)	24.34	29.90	100
RS40B-3	40B-3	63.50	39.37	38.10	22.89	111.5	117.3	8.5	8.0	52.9	72.29	1,080 (110,000)	38.28	47.75	80

Notes: ★ Flat shape link plate

▲ Middle link plate has one solid plate.

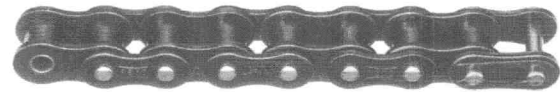
Riveted type chain will be supplied unless otherwise specified.

● Center sink riveting is applied (Shown in single strand drawing above).

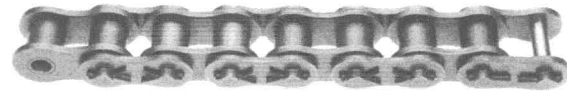
Double stake riveting is applied to all other sizes including multi-strand chain.

ANSI STANDARD ROLLER CHAINS

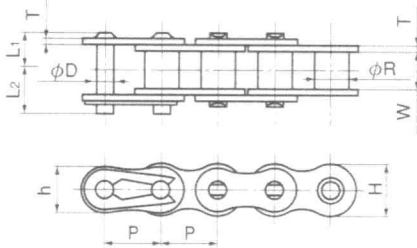
Single and Multiple Strand Tsubaki Standard 80th Series Roller Chains conform to the ANSI (American National Standards Institute) and are interchangeable with other chains conforming to ANSI Standards. The Tsubaki 80th Series Roller Chains celebrate Tsubaki's 80 year history of constantly improving quality and customer satisfaction.



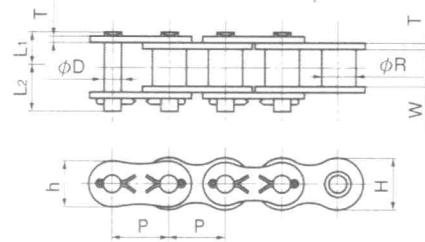
RIVETED TYPE



COTTERED TYPE



RIVETED TYPE



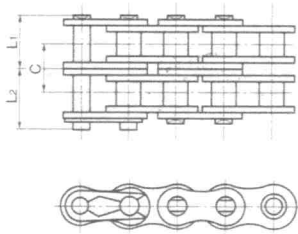
COTTERED TYPE

TSUBAKI Chain No.	Ansi No.	Pitch P	Roller Dia. R	Width Between Roller Link Plates W	Link Plate			Pin			Average Tensile Strength kN[kgf]	Maximum Allowable Load kN[kgf]	Approx Weight kg/m	Number of Links per unit
					Thickness T	Height H	Height h	Dia. D	From Pin Head to C.L. L1	From Pin End to C.L. L2				
					Dimensions-mm									
RS25	25	6.35	*3.30	3.18	0.75	5.84	5.05	2.31	3.80	4.80	4.71 { 480}	0.64 { 65}	0.14	160
RS35	35	9.525	*5.08	4.78	1.25	9.0	7.8	3.59	5.85	6.85	11.3 { 1,150}	2.16 { 220}	0.33	320
RS41	41	12.70	7.77	6.38	1.25	9.8	8.4	3.59	6.75	7.95	11.8 { 1,200}	2.26 { 230}	0.41	240
RS40	40	12.70	7.92	7.95	1.5	12.0	10.4	3.97	8.25	9.95	19.1 { 1,950}	3.63 { 370}	0.64	240
RS50	50	15.875	10.16	9.53	2.0	15.0	13.0	5.09	10.3	11.9	31.4 { 3,200}	6.37 { 650}	1.04	192
RS60	60	19.05	11.91	12.70	2.4	18.1	15.6	5.96	12.85	14.75	44.1 { 4,500}	8.83 { 900}	1.53	160
RS80	80	25.40	15.88	15.88	3.2	24.1	20.8	7.94	16.25	19.25	78.5 { 8,000}	14.7 { 1,500}	2.66	120
RS100	100	31.75	19.05	19.05	4.0	30.1	26.0	9.54	19.75	22.85	118.0 {12,000}	22.6 { 2,300}	3.99	96
RS120	120	38.10	22.23	25.40	4.8	36.2	31.2	11.11	24.9	28.9	167.0 {17,000}	30.4 { 3,100}	5.93	80
RS140	140	44.45	25.40	25.40	5.6	42.2	36.4	12.71	26.9	31.7	216.0 {22,000}	40.2 { 4,100}	7.49	68
RS160	160	50.80	28.58	31.75	6.4	48.2	41.6	14.29	31.85	36.85	279.0 {28,500}	53.0 { 5,400}	10.10	60
RS180	180	57.15	35.71	35.72	7.15	54.2	46.8	17.46	35.65	42.45	370.0 {37,700}	60.8 { 6,200}	13.45	54
RS200	200	63.50	39.68	38.10	8.0	60.3	52.0	19.85	39.0	44.8	471.0 {48,000}	71.6 { 7,300}	16.49	48
RS240	240	76.20	47.63	47.63	9.5	72.4	62.4	23.81	47.9	55.5	666.0 {70,000}	99.0 {10,100}	24.5	40

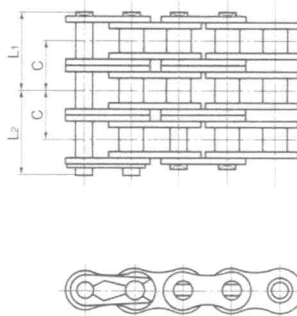
- Notes:**
- i) Those marked with * are rollerless. The figure shown is the bushing diameter.
 - ii) Base chains of #25 to #50 are available in riveted type only.
 - iii) Connecting links are clip type for sizes up to #60, and cotter type for sizes #80 and above.
 - iv) Cotter pins are used for the base chain also for sizes #100 and above.

RIVETED TYPE

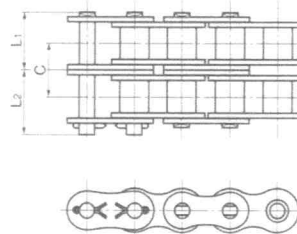
COTTERED TYPE



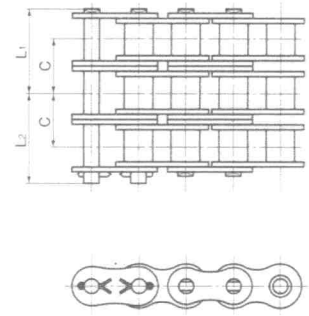
Double Strand



Triple Strand



Double Strand



Triple Strand

(Dimensions in mm)

TSUBAKI Chain No.	ANSI No.	Pitch P	Pin		Transverse Pitch C	Ave. Tensile Strength kN(kgf)	Approx. Weight kg/m	TSUBAKI Chain No.	ANSI No.	Pitch P	Pin		Transverse Pitch C	Ave. Tensile Strength kN(kgf)	Approx. Mass kg/m
			From Pin Head To C.L. L1	From Pin End To C.L. L2							From Pin Head To C.L. L1	From Pin End To C.L. L2			
RS25-2 ▲ *	25-2	6.35	7.0	8.0	6.4	9.41 (960)	0.27	RS120-3	120-3	38.10	70.4	74.4	45.4	500 (51,000)	17.53
RS25-3 ▲ *	25-3		10.2	11.2		14.1 (1,440)	0.42	RS120-4	120-4		93.1	97.1		667 (68,000)	23.36
RS35-2 ▲ *	35-2	9.525	10.9	11.9	10.1	22.6 (2,300)	0.69	RS120-5	120-5	38.10	115.85	119.85	45.4	834 (85,000)	29.16
RS35-3 ▲ *	35-3		16.0	16.9		33.8 (3,450)	1.05	RS120-6	120-6		138.55	142.55		1000 (102,000)	34.96
RS40-2	40-2	12.70	15.45	17.15	14.4	38.2 (3,900)	1.27	RS140-2	140-2	44.45	51.35	56.15	48.9	431 (44,000)	14.83
RS40-3	40-3		22.65	24.15		57.4 (5,850)	1.90	RS140-3	140-3		75.85	80.75		647 (66,000)	22.20
RS40-4	40-4		29.9	31.3		76.5 (7,800)	2.53	RS140-4	140-4		100.3	105.2		863 (88,000)	28.52
RS40-5	40-5		37.1	38.6		95.6 (9,750)	3.16	RS140-5	140-5		124.8	129.6		1080 (110,000)	36.97
RS40-6	40-6		44.3	45.8		115 (11,700)	3.79	RS140-6	140-6		149.3	154.2		1290 (132,000)	44.30
RS50-2	50-2		15.875	19.35		21.15	18.1	62.8 (6,400)	2.07		RS160-2	160-2		50.80	61.15
RS50-3	50-3	28.4		30.2	94.1 (9,600)	3.09		RS160-3	160-3	90.45	95.45	838 (85,500)	30.02		
RS50-4	50-4	37.45		39.25	126 (12,800)	4.11		RS160-4	160-4	119.75	124.65	1120 (114,000)	40.06		
RS50-5	50-5	46.5		48.3	157 (16,000)	5.14		RS160-5	160-5	149.05	153.95	1400 (142,500)	49.89		
RS50-6	50-6	55.6		57.4	188 (19,200)	6.16		RS160-6	160-6	178.3	183.3	1680 (171,000)	59.93		
RS60-2	60-2	19.05		24.25	26.25	22.8		88.3 (9,000)	3.04	RS180-2	180-2	57.15	68.75		75.35
RS60-3	60-3		35.65	38.15	132 (13,500)		4.54	RS180-3	180-3	101.7	108.5		1110 (113,100)	38.22	
RS60-4	60-4		47.05	49.55	177 (18,000)		6.04	RS180-4	180-4	134.65	141.45		1480 (150,800)	50.90	
RS60-5	60-5		58.5	61.0	221 (22,500)		7.54	RS180-5	180-5	167.6	174.4		1850 (188,500)	63.59	
RS30-6	60-6		69.9	72.5	265 (27,000)		9.05	RS180-6	180-6	200.55	207.35		2180 (226,200)	76.27	
RS80-2	80-2		25.40	30.9	33.9		29.3	157 (16,000)	5.27	RS200-2	200-2		63.50	74.85	80.65
RS80-3	80-3	45.6		48.5	235 (24,000)	7.89		RS200-3	200-3	110.75	116.45	1410 (144,000)		49.02	
RS80-4	80-4	60.25		63.25	314 (32,000)	10.50		RS200-4	200-4	146.6	152.3	1880 (192,000)		65.16	
RS80-5	80-5	74.95		77.95	392 (40,000)	13.11		RS200-5	200-5	182.4	188.2	2350 (240,000)		81.32	
RS80-6	80-6	89.6		92.5	471 (48,000)	15.73		RS200-6	200-6	218.25	224.05	2820 (288,000)		97.59	
RS100-2	100-2	31.75		37.7	40.8	35.8		235 (24,000)	7.85	RS240-2	240-2	76.20		91.9	99.4
RS100-3	100-3		55.65	58.75	353 (36,000)		11.77	RS240-3	240-3	135.85	143.15		2060 (210,000)	71.60	
RS100-4	100-4		73.55	76.65	471 (48,000)		15.70	RS240-4	240-4	179.8	187.3		2750 (280,000)	95.10	
RS100-5	100-5		91.5	94.6	588 (60,000)		19.53	RS240-5	240-5	223.75	231.25		3430 (350,000)	118.60	
RS100-6	100-6		109.45	112.55	706 (72,000)		23.48	RS240-6	240-6	267.7	275.1		4120 (420,000)	142.10	
RS120-2	120-2		38.10	47.6	51.6		45.4	333 (34,000)	11.70						

▲ Rollerless
* Riveted only