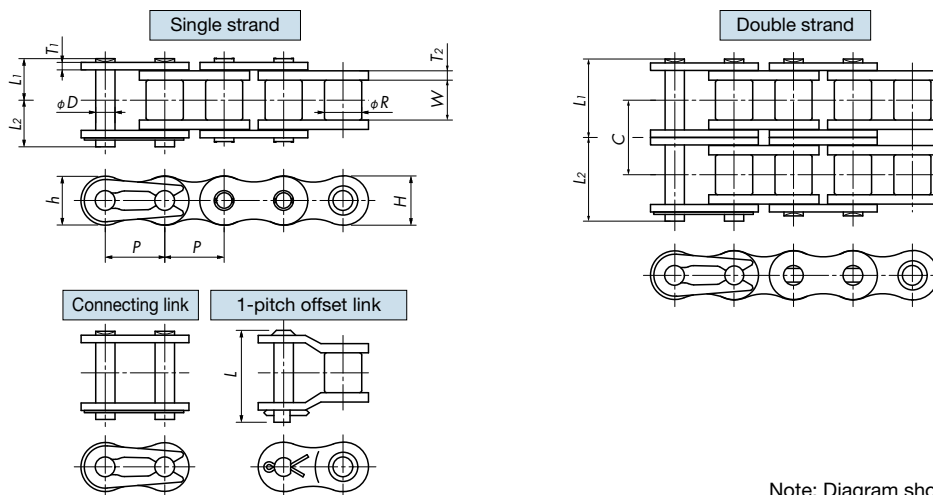




Note: Diagram shows clip connecting links.

Specifications

Tsubaki chain number		JIS no.	Pitch <i>P</i>	Roller dia. <i>R</i>	Inner width of inner link <i>W</i>	Plates				Pins				
1-strand	2-strand					Thickness		Height		Dia. <i>D</i>	<i>L</i> ₁		<i>L</i> ₂	
						<i>T</i> ₁	<i>T</i> ₂	<i>H</i>	<i>h</i>		1-strand	2-strand	1-strand	2-strand
RF06B-LM-1	RF06B-LM-2	06B	9.525	6.35	5.72	1.0	1.3	8.2	8.2	3.28	6.1	11.2	7.7	12.8
RS08B-LM-1	RS08B-LM-2	08B	12.70	8.51	7.75	1.6	1.6	11.8	10.4	4.45	8.4	15.3	10.0	16.9
RS10B-LM-1	RS10B-LM-2	10B	15.875	10.16	9.65	1.5	1.5	14.7	13.7	5.08	9.55	17.85	11.25	19.55
RS12B-LM-1	RS12B-LM-2	12B	19.05	12.07	11.68	1.7	1.8	16.1	16.1	5.72	11.1	20.85	13.0	22.75
RS16B-LM-1	RS16B-LM-2	16B	25.40	15.88	17.02	3.2	4.0	21.0	20.8	8.28	17.75	33.55	19.95	35.75
RS20B-LM-1	RS20B-LM-2	20B	31.75	19.05	19.56	3.4	4.4	26.4	26.0	10.19	19.9	38.25	23.1	41.45
RS24B-LM-1	RS24B-LM-2	24B	38.10	25.40	25.40	5.6	6.0	33.4	31.2	14.63	26.65	50.8	31.85	56.0

Tsubaki chain number		Offset pin length L	Transverse pitch C	Min. tensile strength kN{kgf}		Approx. mass kg/m		Links per unit	Allowable speed m/min
1-strand	2-strand			1-strand	2-strand	1-strand	2-strand		
RF06B-LM-1	RF06B-LM-2	14.5	10.24	8.90{910}	16.9{1720}	0.39	0.75	320	160
RS08B-LM-1	RS08B-LM-2	18.6	13.92	17.8{1820}	31.1{3170}	0.70	1.35	240	150
RS10B-LM-1	RS10B-LM-2	20.8	16.59	22.2{2260}	44.5{4540}	0.95	1.85	192	135
RS12B-LM-1	RS12B-LM-2	24.4	19.46	28.9{2950}	57.8{5890}	1.25	2.50	160	120
RS16B-LM-1	RS16B-LM-2	41.1	31.88	60.0{6120}	106 {10800}	2.70	5.40	120	90
RS20B-LM-1	RS20B-LM-2	46.6	36.45	95.0{9690}	170 {17300}	3.85	7.65	96	80
RS24B-LM-1	RS24B-LM-2	61.7	48.36	160 {16300}	280 {28600}	7.45	14.65	80	50

Note: 1. Cutting and connecting the chain is easy thanks to special pins and rivets that eliminate the need to remove the rivets. (On single-strand chains from RS08B to RS16B). Use sprockets for BS/DIN Series RS Roller Chain. Multi-strand RF06B and RS08B chains have one middle plate. RF06B plate is flat: .
2. Various types of surface treatments are also available.
3. Items in bold are stocked in units.
4. Single strand BS Lambda Chain is dimensionally interchangeable with general-purpose BS/DIN RS Roller Chain; however, be aware that the kW ratings and allowable speed differ.
Cannot be used with previous-specifications chain series (stamped with RSD○○BΛ), including connecting parts such as connecting links and offset links. When replacing a chain, replace the entire chain.

Model numbering example

RS08B -LM -1 -RP + 230L -MCJR

Size

Number of strands

Series

Pin type

Number of links

End link

RF06B lube-free roller chain

Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket no. of teeth	Small sprocket max rpm								
	50	100	300	500	700	900	1200	1500	1800
9	0.06	0.11	0.31	0.49	0.66	0.83	1.07	1.31	1.55
10	0.07	0.13	0.35	0.55	0.74	0.93	1.20	1.47	
11	0.08	0.14	0.38	0.61	0.82	1.03	1.33	1.63	
12	0.08	0.16	0.42	0.67	0.90	1.13	1.47		
13	0.09	0.17	0.46	0.73	0.98	1.23	1.60		
14	0.10	0.18	0.50	0.79	1.07	1.34			
15	0.11	0.20	0.54	0.85	1.15	1.44			
16	0.11	0.21	0.57	0.91	1.23	1.54			
17	0.12	0.23	0.61	0.97	1.31	1.65			
18	0.13	0.24	0.65	1.03	1.40	1.75			
19	0.14	0.26	0.69	1.09	1.48				
20	0.15	0.27	0.73	1.16	1.57				
21	0.15	0.29	0.77	1.22	1.65				
22	0.16	0.30	0.81	1.28	1.74				
23	0.17	0.32	0.85	1.35	1.82				
24	0.18	0.33	0.89	1.41					
25	0.19	0.35	0.93	1.47					
26	0.19	0.36	0.97	1.54					

Note: 1. KW ratings when using a one-pitch offset link are 80% that of the above values.
2. For double-strand chain, multiply the kilowatt ratings in the table above by a multi-strand factor of 1.7.