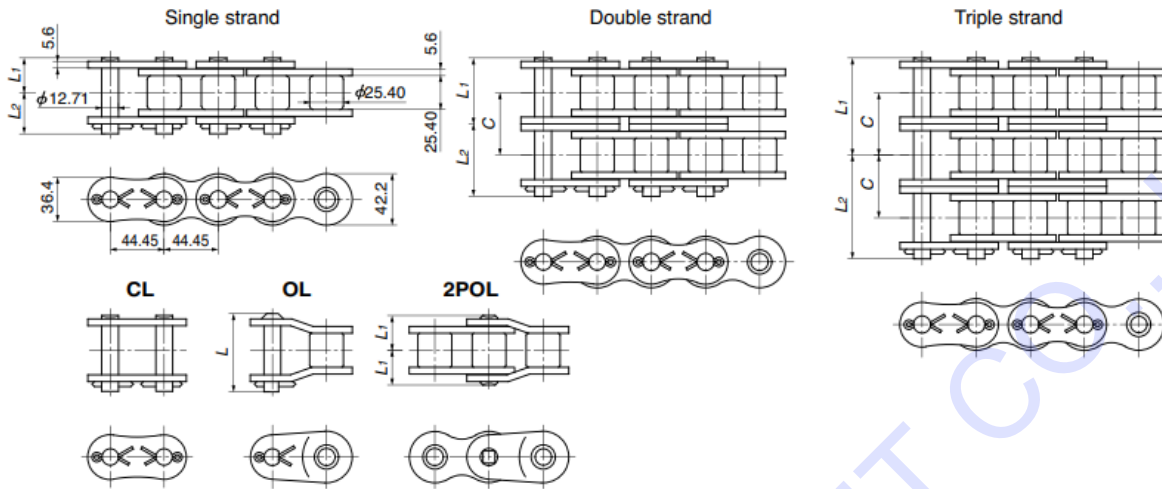


RS140 (STANDARD ROLLER CHAIN)

โซ่ขับ / โซ่ลูกกลิ้งมาตรฐาน รุ่น RS140



TSUBAKI Chain Number	Number of Strands	Pin Length L _{1+L2}	Dimensions L ₁	Dimensions L ₂	Offset Pin Length L	Transverse Pitch C	Pin Type	ANSI Standard Min. Tensile Strength kN(kgf)	Tsubaki Minimum Tensile Strength kN(kgf)	Tsubaki Average Tensile Strength kN(kgf)	Maximum Allowable Load kN(kgf)	Approximate Mass kg/m
RS140-1	1	58.6	26.9	31.7	59.5	48.9	Cotter pin	170.0(17336)	193(19700)	216(22000)	40.2(4100)	7.49
RS140-2	2	107.5	51.35	56.15	112.3			340.0(34671)	386(39400)	431(44000)	68.4(6970)	14.83
RS140-3	3	156.6	75.85	80.75	161.3			510.0(52006)	580(59100)	647(66000)	101(10250)	22.20
RS140-4	4	205.5	100.3	105.2	210.2			-	773(78800)	863(88000)	133(13530)	28.52
RS140-5	5	254.4	124.8	129.6	259.1			-	966(98500)	1080(110000)	157(15990)	36.97
RS140-6	6	303.5	149.3	154.2	308.0			-	1160(118200)	1290(132000)	185(18860)	44.30

Note: 1. Maximum allowable load when using a one-pitch offset link (OL) is 65% of the above. Two pitch offset links (2POL) can be used at 100% of the above values.
2. Number of links per unit = 68 3. Items in bold are stocked in units, while other items are made-to-order.

■ RS140-1 Maximum Kilowatt Ratings Table (kW Ratings for Single Strand Chain)

Sprocket No. of Teeth	Small Sprocket Max rpm																												
	Lubrication Type					Small Sprocket Max rpm																							
	A					B						C																	
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700				
9	2.54	5.79	10.8	20.2	29.0	37.6	46.0	54.2	56.1	56.1	56.1	47.9	41.5	36.5	28.9	23.7	19.8	16.9	14.7	12.9	11.4	10.2	9.22	8.37	7.64				
10	2.84	6.49	12.1	22.6	32.5	42.2	51.5	60.7	65.6	65.6	65.6	56.1	48.7	42.7	33.9	27.7	23.2	19.8	17.2	15.1	13.4	12.0	10.8	9.81					
11	3.15	7.19	13.4	25.0	36.1	46.7	57.1	67.3	72.7	72.7	72.7	64.8	56.1	49.3	39.1	32.0	26.8	22.9	19.8	17.4	15.4	13.8	12.5	11.3					
12	3.46	7.90	14.7	27.5	39.6	51.3	62.7	73.9	79.9	79.9	79.9	73.8	64.0	56.1	44.5	36.5	30.6	26.1	22.6	19.8	17.6	15.7	14.2	12.9					
13	3.78	8.61	16.1	30.0	43.2	56.0	68.4	80.6	87.1	87.1	87.1	83.2	72.1	63.3	50.2	41.1	34.5	29.4	25.5	22.4	19.8	17.8	16.0	14.5					
14	4.09	9.33	17.4	32.5	46.8	60.6	74.1	87.3	94.4	94.4	94.4	93.0	80.6	70.7	56.1	45.9	38.5	32.9	28.5	25.0	22.2	19.8	17.9	16.2					
15	4.41	10.1	18.8	35.0	50.4	65.3	79.8	94.1	103	103	103	103	89.4	78.4	62.3	51.0	42.7	36.5	31.6	27.7	24.6	22.0	19.8						
16	4.72	10.8	20.1	37.5	54.1	70.0	85.6	101	114	114	114	114	98.5	86.4	68.6	56.1	47.0	40.2	34.8	30.6	27.1	24.2	21.9						
17	5.04	11.5	21.5	40.1	57.7	74.8	91.4	108	124	124	124	124	108	94.6	75.1	61.5	51.5	44.0	38.1	33.5	29.7	26.6	23.9						
18	5.36	12.2	22.8	42.6	61.4	79.5	97.2	115	132	136	136	136	117	103	81.8	67.0	56.1	47.9	41.5	36.5	32.3	28.9	26.1						
19	5.66	13.0	24.2	45.2	65.1	84.3	103	121	140	144	144	144	127	112	88.7	72.6	60.9	52.0	45.1	39.5	35.1	31.4	28.3						
20	5.96	13.7	25.6	47.8	68.8	89.1	109	128	147	152	152	152	138	121	95.8	78.4	65.7	56.1	48.7	42.7	37.9	33.9							
21	6.25	14.5	27.0	50.3	72.5	93.9	115	135	155	161	161	161	148	130	103	84.4	70.7	60.4	52.3	45.9	40.7	36.5							
22	6.55	15.2	28.4	52.9	76.3	98.8	121	142	163	169	169	169	159	139	111	90.5	75.8	64.8	56.1	49.3	43.7	39.1							
23	6.85	15.9	29.8	55.5	80.0	104	127	149	172	177	177	177	170	149	118	96.7	81.1	69.2	60.0	52.7	46.7	41.8							
24	7.15	16.7	31.2	58.2	83.8	109	133	156	180	186	186	186	181	159	126	103	86.4	73.8	64.0	56.1	49.8	44.5							
25	7.45	17.5	32.6	60.8	87.5	113	139	163	188	194	194	194	192	169	134	110	91.9	78.4	68.0	59.7	52.9	47.4							
26	7.74	18.2	34.0	63.4	91.3	118	145	170	196	204	204	204	204	179	142	116	97.4	83.2	72.1	63.3	56.1								
28	8.34	19.7	36.8	68.7	98.9	128	157	185	212	228	228	228	228	200	159	130	109	93.0	80.6	70.7	62.7								
30	8.93	21.3	39.7	74.0	107	138	169	199	229	253	253	253	222	176	144	121	103	89.4	78.4	69.6									
32	9.53	22.8	42.5	79.3	114	148	181	213	245	276	276	276	276	244	194	159	133	114	98.5	86.4									
35	10.4	25.1	46.8	87.4	126	163	199	235	270	304	304	304	304	280	222	182	152	130	113	98.9									
40	11.9	29.0	54.1	101	145	188	230	271	312	351	351	351	351	342	271	222	186	159	133										
45	13.4	32.9	61.4	115	165	214	262	308	354	399	408	408	408	408	323	265	222	177	144										

Note: 1. KW rating when using a one-pitch offset link (OL) is 65% of the above. Two pitch offset links (2POL) can be used at 100% of the above values.
2. Please contact a Tsubaki representative prior to use of kW ratings in the colored area of the table.

Multi-strand factor	Number of chain strands	Multi-strand factor	Number of chain strands	Multi-strand factor	Lubrication method	A	Manual lubrication or drip lubrication	Details on Pg. 202
	Double strand	1.7	Quintuple strand	3.9		B	Oil bath or slinger disc lubrication	
	Triple strand	2.5	Sextuple strand	4.6		C	Forced pump lubrication	
	Quadruple strand	3.3	-	-				