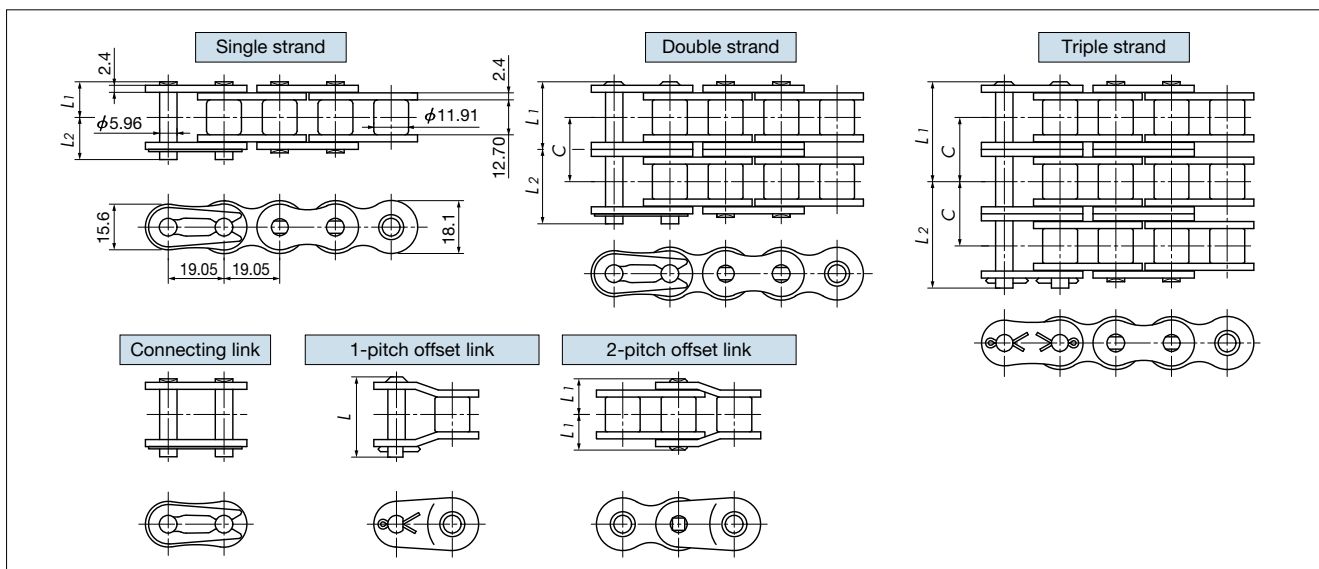




Specifications

Size	Number of strands	Dimensions L_1	Dimensions L_2	Offset pin length L	Transverse pitch C	ASME standard min. tensile strength kN[kgf]	Min. tensile strength kN[kgf]	Max. allowable load kN[kgf]	Approx. mass kg/m
RS60	1	12.85	14.75	28.2	22.8	31.3{3192}	40.2{4100}	8.83{900}	1.53
	2	24.25	26.25	52.6		62.6{6384}	80.4{8200}	15.0{1530}	3.04
	3	35.65	38.15	75.5		93.9{9576}	121 {12300}	22.1{2250}	4.54
	4	47.05	49.55	98.3		—	161 {16400}	29.1{2970}	6.04
	5	58.5	61.0	121.2		—	201 {20500}	34.4{3510}	7.54
	6	69.9	72.5	144.0		—	241 {24600}	40.6{4140}	9.05

Note: 1. Maximum allowable load when using a one-pitch offset link is 65% of the above.
2. Number of links per unit = 160. Items in bold are stocked in units.

RS60 Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket max rpm	Small sprocket max rpm																			
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000
AI	AI										B									
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000
9	0.24	0.55	1.02	1.90	2.73	3.54	5.10	6.61	8.08	9.52	10.1	10.1	10.1	8.6	7.46	6.54	5.19	4.25	3.56	3.04
10	0.27	0.61	1.14	2.13	3.06	3.97	5.72	7.41	9.05	10.7	11.4	11.4	11.4	10.1	8.73	7.66	6.08	4.98	4.17	3.56
11	0.30	0.68	1.26	2.36	3.40	4.40	6.34	8.21	10.0	11.8	12.7	12.7	12.7	11.6	10.1	8.84	7.02	5.74	4.81	4.11
12	0.33	0.74	1.39	2.59	3.73	4.83	6.96	9.02	11.0	13.0	13.9	13.9	13.9	13.2	11.5	10.1	8.00	6.54	5.48	4.68
13	0.36	0.81	1.51	2.82	4.07	5.27	7.59	9.83	12.0	14.2	15.2	15.2	15.2	14.9	12.9	11.4	9.02	7.38	6.18	5.28
14	0.39	0.88	1.64	3.06	4.41	5.71	8.22	10.7	13.0	15.3	16.7	16.7	16.7	16.7	14.5	12.7	10.1	8.25	6.91	5.90
15	0.41	0.95	1.77	3.30	4.75	6.15	8.86	11.5	14.0	16.5	18.5	18.5	18.5	18.5	16.0	14.1	11.2	9.15	7.66	6.54
16	0.44	1.01	1.89	3.53	5.09	6.59	9.50	12.3	15.0	17.7	20.4	20.4	20.4	20.4	17.7	15.5	12.3	10.1	8.44	7.21
17	0.47	1.08	2.02	3.77	5.43	7.04	10.1	13.1	16.1	18.9	21.7	22.3	22.3	22.3	19.4	17.0	13.5	11.0	9.25	7.90
18	0.50	1.15	2.15	4.01	5.78	7.49	10.8	14.0	17.1	20.1	23.1	23.7	23.7	23.7	21.1	18.5	14.7	12.0	10.1	8.60
19	0.53	1.22	2.28	4.25	6.13	7.94	11.4	14.8	18.1	21.3	24.5	25.1	25.1	25.1	22.9	20.1	15.9	13.0	10.9	9.33
20	0.56	1.29	2.41	4.50	6.48	8.39	12.1	15.7	19.1	22.6	25.9	26.6	26.6	26.6	24.7	21.7	17.2	14.1	11.8	10.1
21	0.59	1.36	2.54	4.74	6.83	8.84	12.7	16.5	20.2	23.8	27.3	28.0	28.0	28.0	26.6	23.3	18.5	15.2	12.7	10.8
22	0.62	1.43	2.67	4.98	7.18	9.30	13.4	17.4	21.2	25.0	28.7	29.5	29.5	29.5	28.5	25.0	19.8	16.2	13.6	11.6
23	0.64	1.50	2.80	5.23	7.53	9.76	14.1	18.2	22.3	26.2	30.1	30.9	30.9	30.9	30.5	26.7	21.2	17.4	14.6	12.4
24	0.67	1.57	2.93	5.47	7.89	10.2	14.7	19.1	23.3	27.5	31.5	32.5	32.5	32.5	32.5	28.5	22.6	18.5	15.5	13.2
25	0.70	1.64	3.07	5.72	8.24	10.7	15.4	19.9	24.4	28.7	33.0	34.5	34.5	34.5	34.5	30.3	24.0	19.7	16.5	14.1
26	0.73	1.71	3.20	5.97	8.60	11.1	16.0	20.8	25.4	29.9	34.4	36.6	36.6	36.6	36.6	32.1	25.5	20.9	17.5	14.9
28	0.78	1.86	3.47	6.47	9.31	12.1	17.4	22.5	27.5	32.4	37.3	40.9	40.9	40.9	40.9	35.9	28.5	23.3	19.5	16.7
30	0.84	2.00	3.73	6.97	10.0	13.0	18.7	24.3	29.7	34.9	40.1	44.9	44.9	44.9	44.9	39.8	31.6	25.9	21.7	18.5
32	0.90	2.14	4.00	7.47	10.8	13.9	20.1	26.0	31.8	37.5	43.0	48.1	48.1	48.1	48.1	43.9	34.8	28.5	23.9	20.4
35	0.98	2.36	4.41	8.23	11.9	15.4	22.1	28.7	35.0	41.3	47.4	53.0	53.0	53.0	53.0	50.2	39.8	32.6	27.3	23.3
40	1.12	2.73	5.09	9.50	13.7	17.7	25.5	33.1	40.5	47.7	54.8	61.3	61.3	61.3	61.3	61.3	48.7	39.8	33.4	28.5
45	1.26	3.10	5.78	10.8	15.5	20.1	29.0	37.6	45.9	54.1	62.2	70.1	73.2	73.2	73.2	73.2	58.1	47.5	39.8	34.0

Note: 1. kW ratings when using one-pitch offset links are 65% of the above.
2. Please contact a Tsubaki representative prior to use of kW ratings in the shaded area of the table.

Multi-strand factors

Number of chain strands	Two strands	Three strands	Four strands	Five strands	Six strands
Multi-strand factor	1.7	2.5	3.3	3.9	4.6

Lubrication systems and methods

Lubrication system	AI	AII	B	C
Method	Manual lubrication	Drip lubrication	Oil bath or slinger disc lubrication	Forced pump lubrication

Details on pg. 218

Model numbering example

RS60 -1 -RP + 150L -MCJR

Size

Number of strands

Pin type

Number of links

End link

Note: Standard roller chains do not require series selection.