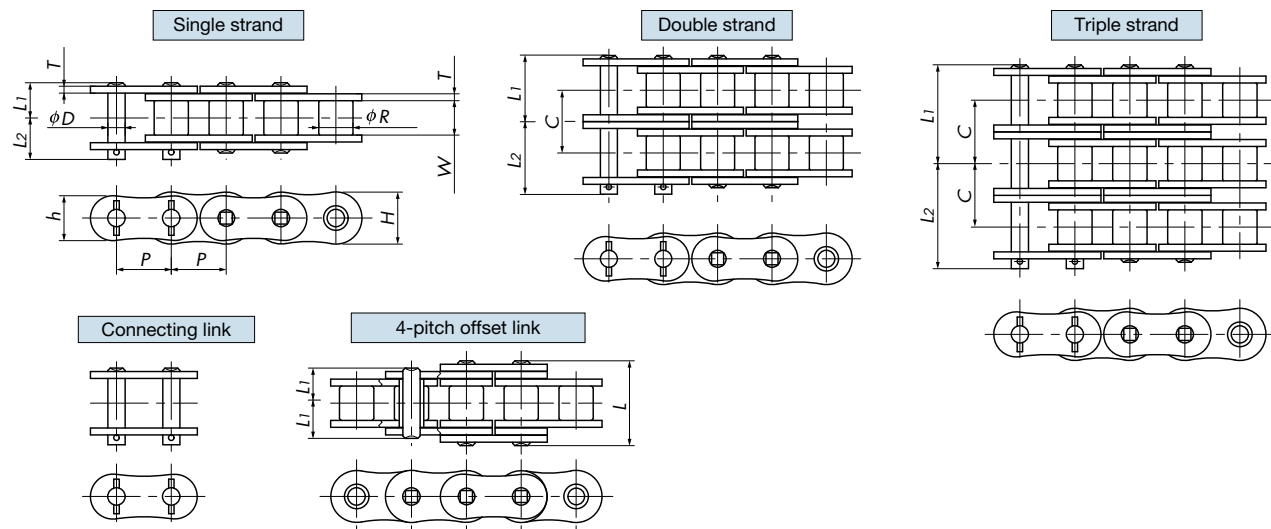


Heavy Duty Roller Chains **Super Roller Chain**



Specifications

Size & series	Number of strands	Pitch <i>P</i>	Roller dia. <i>R</i>	Inner width of inner link <i>W</i>	Plates			Pins			Transverse pitch <i>C</i>	Min. tensile strength kN{kgf}	Max. allowable load kN{kgf}	Approx. mass kg/m
					Thickness <i>T</i>	Height		Dia. <i>D</i>	<i>L</i> ₁	<i>L</i> ₂				
						<i>H</i>	<i>h</i>							
RS80-SUP	1	25.40	15.88	15.88	3.2	24.1	20.8	7.94	16.25	19.25	29.3	74.2 { 7570}	20.1 { 2050}	2.81
	2								30.9	33.9		148 { 15140}	34.2 { 3490}	5.62
	3								45.6	48.5		223 { 22710}	50.3 { 5130}	8.40
RS100-SUP	1	31.75	19.05	19.05	4.0	30.1	26.0	9.54	19.75	22.85	35.8	111 { 11300}	32.4 { 3300}	4.25
	2								37.7	40.8		222 { 22600}	55.0 { 5610}	8.38
	3								55.65	58.75		332 { 33900}	80.9 { 8250}	12.57
RS120-SUP	1	38.10	22.23	25.40	4.8	36.2	31.2	11.11	24.9	28.9	45.4	162 { 16500}	42.2 { 4300}	6.3
	2								47.6	51.6		324 { 33000}	71.7 { 7310}	12.44
	3								70.4	74.4		485 { 49500}	105 { 10750}	18.64
RS140-SUP	1	44.45	25.40	25.40	5.6	42.2	36.4	12.71	26.9	31.7	48.9	213 { 21700}	56.9 { 5800}	8.04
	2								51.35	56.15		426 { 43400}	96.7 { 9860}	15.92
	3								75.85	80.75		638 { 65100}	142 { 14500}	23.84
RS160-SUP	1	50.80	28.58	31.75	6.4	48.2	41.6	14.29	31.85	36.85	58.5	273 { 27800}	73.5 { 7500}	10.79
	2								61.15	66.15		545 { 55600}	125 { 12750}	21.43
	3								90.45	95.45		818 { 83400}	184 { 18750}	32.10
RS180-SUP	1	57.15	35.71	35.72	7.15	54.2	46.8	17.46	35.65	42.45	65.8	358 { 36500}	85.7 { 8740}	14.23
	2								68.75	75.35		716 { 73000}	146 { 14860}	28.08
	3								101.7	108.5		1070 { 109500}	214 { 21850}	40.56
RS200-SUP	1	63.50	39.68	38.10	8.0	60.3	52.0	19.85	39.0	44.8	71.6	439 { 44800}	100 { 10200}	17.63
	2								74.85	80.65		879 { 89600}	170 { 17340}	34.91
	3								110.75	116.45		1320 { 134400}	250 { 25500}	52.44
RS240-SUP	1	76.20	47.63	47.63	9.5	72.4	62.4	23.81	47.9	55.5	87.8	639 { 65200}	139 { 14200}	25.63
	2								91.65	99.15		1280 { 130400}	237 { 24140}	50.88
	3								135.55	143.05		1920 { 195600}	348 { 35500}	76.11

	RS80-SUP	RS100-SUP	RS120-SUP	RS140-SUP	RS160-SUP	RS180-SUP	RS200-SUP	RS240-SUP
4 pitch offset links Pin Length <i>L</i>	39.3	48.0	59.9	65.7	77.2	86.4	94.9	116.0
Links Per Unit	120	96	80	68	60	54	48	40

Note: 1. Four-pitch offset links available for single strand only.

For dimensions and specifications of four strands or more, contact a Tsubaki representative.

2. Maximum allowable load when using a four-pitch offset link is 85% that of the above values.

3. Items in bold are stocked in units.

Model numbering example

RS160 -SUP -1 -RP + 50L -MSJR

Size Series Number of strands Pin type Number of links End link