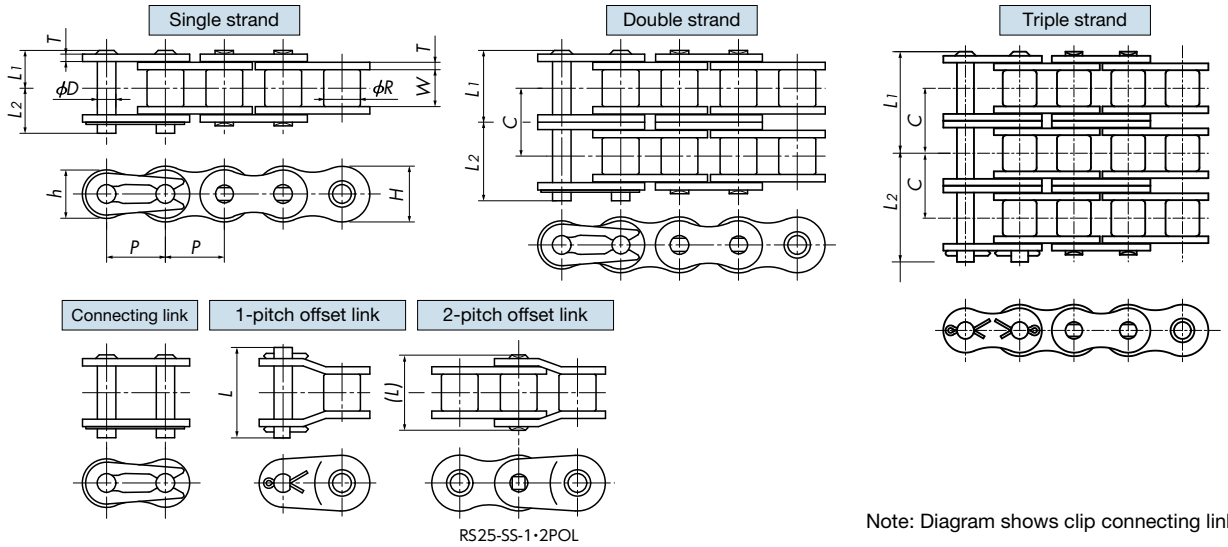
SS Series Stainless Steel Drive Chain



Note: Diagram shows clip connecting links.

Specifications

Tsubaki chain number	Pitch P	Roller dia. R	Inner width of inner link W	Plates Thickness T	Plates Height H	Plates Height h	Pins Dia. D	Pins L_1	Pins L_2	Pins Offset pin length L	Transverse pitch C	Max. allowable load kN{kgf}	Approx. mass kg/m	Links per unit
RS11-SS-1	3.7465	*2.285	1.83	0.38	3.5	3.5	1.57	2.275	3.165	—	—	0.05 {5}	0.052	134
RS15-SS-1	4.7625	*2.48	2.38	0.6	4.3	4.3	1.62	3.05	3.85	—	—	0.06 {6}	0.075	210
RS25-SS-1	6.35	*3.30	3.18	0.75	5.84	5.05	2.31	3.8	4.8	(7.6)	—	0.12 {12}	0.14	160
RS35-SS-1	9.525	*5.08	4.78	1.25	9.0	7.8	3.59	6.05	6.85	14.5	—	0.26 {27}	0.33	320
RS40-SS-1	12.70	7.92	7.95	1.5	12.0	10.4	3.97	8.25	9.65	18.6	14.4	0.69 {70}	0.64	240
RS40-SS-2								15.45	17.15	33.5		1.37 {140}	1.27	
RS40-SS-3								22.65	24.15	47.9		2.06 {210}	1.90	
RS50-SS-1	15.875	10.16	9.53	2.0	15.0	13.0	5.09	10.3	12.0	23.9	18.1	1.03 {105}	1.04	192
RS50-SS-2								19.35	21.05	41.8		2.06 {210}	2.07	
RS50-SS-3								28.40	30.2	59.9		3.09 {315}	3.09	
RS60-SS-1	19.05	11.91	12.70	2.4	18.1	15.6	5.96	12.85	14.75	29.4	22.8	1.57 {160}	1.53	160
RS60-SS-2								24.25	26.15	52.6		3.14 {320}	3.04	
RS60-SS-3								35.65	38.15	75.5		4.71 {480}	4.54	
RS80-SS-1	25.40	15.88	15.88	3.2	24.1	20.8	7.94	16.25	19.45	39.0	29.3	2.65 {270}	2.66	120
RS80-SS-2								30.90	33.90	67.5		5.30 {540}	5.30	
RS80-SS-3								45.60	48.50	96.9		7.94 {810}	7.89	
RS100-SS-1	31.75	19.05	19.05	4.0	30.1	26.0	9.54	19.75	22.85	45.7	35.8	3.82 {390}	3.99	96
RS100-SS-2								37.70	40.80	81.6		7.65 {780}	7.99	
RS120-SS-1	38.10	22.23	25.40	5.0	36.2	31.2	11.11	25.75	29.80	59.7	45.4	3.82 {390}	6.13	80
RS120-SS-2								48.35	52.25	104.9		7.65 {780}	12.22	
RS140-SS-1	44.45	25.40	25.40	6.0	42.2	36.4	12.71	28.15	32.95	66.2	48.9	4.61 {470}	7.91	68
RS140-SS-2								52.70	57.30	117.4		9.22 {940}	15.77	
RS160-SS-1	50.80	28.58	31.75	7.0	48.2	41.6	14.29	33.55	38.55	77.3	58.5	6.37 {650}	10.86	60
RS160-SS-2				6.4				61.15	66.15	132.2		12.7 {1300}	21.66	
RS180-SS-1	57.15	35.71	35.72	7.15	54.2	46.8	17.46	35.65	42.45	84.4	—	8.55 {872}	13.45	54
RS200-SS-1	63.50	39.68	38.10	8.0	60.3	52.0	19.85	39.5	45.3	90.8	—	10.8 {1100}	16.54	48
RS240-SS-1	76.20	47.63	47.63	10.0	72.4	62.4	23.81	49.0	56.5	113.2	—	15.7 {1600}	24.50	40

Note: 1. Chains marked with an asterisk (*) are rollerless; bush diameters are given instead.
Chain sizes greater than RS120-SS have a different plate thickness and pin length from RS Roller Chains.
2. Offset links are not available for RS11-SS-1 and RS15-SS-1 chain. RS25-SS-1 uses only two-pitch offset links.
Contact a Tsubaki representative regarding dimensions and specifications of RS37-SS-1.
3. Items in bold are stocked in units.

Model numbering example

RS80 -SS -1 -RP + 110L -MWJR

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