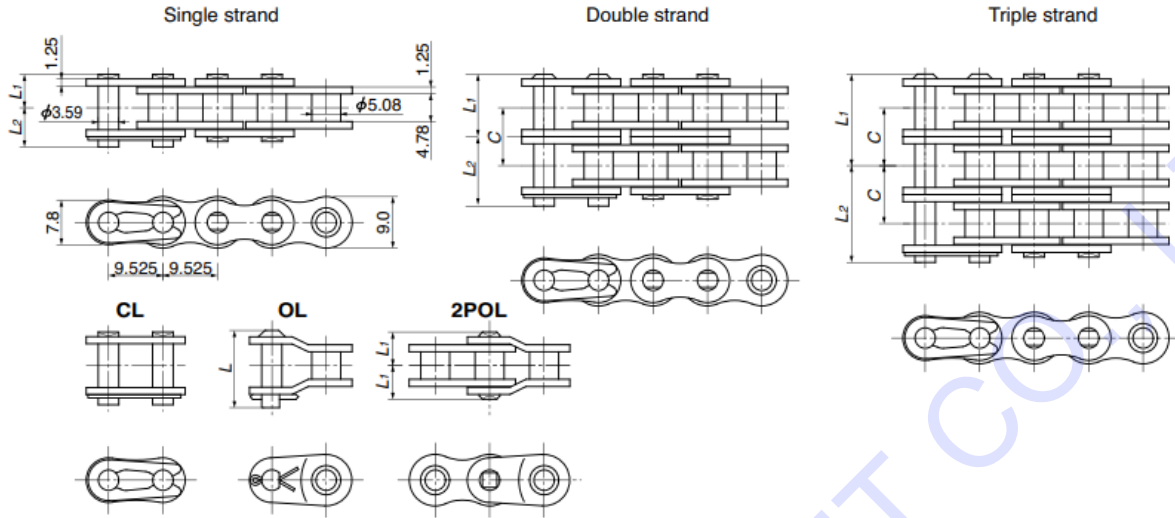


RS35 STANDARD ROLLER CHAIN (ANSI STANDARD)

โซ่ขับ /โซ่ลูกกลิ้งมาตรฐาน รุ่น RS35 (ANSI STANDARD)



TSUBAKI Chain Number	Number of Strands	Pin Length L1+L2	Dimensions L1	Dimensions L2	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
RS35-1	1	12.7	5.85	6.85	13.5		Riveting	7.9 {806}	9.81{1000}	11.3{1150}	2.16{220}	0.33
RS35-2	2	22.8	10.9	11.9	24.5	10.1		15.8{1612}	19.6{2000}	22.6{2300}	3.63{370}	0.69
RS35-3	3	32.9	16.0	16.9	34.6			23.7{2417}	29.4{3000}	33.8{3450}	5.39{550}	1.05

Note: 1. Maximum allowable load when using a one-pitch offset link (OL) is 65% of the above.
 2. Number of links per unit = 320 3. Bushed chain. 4. Stocked in units.

RS35-1 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	2100	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	10000
	A												B										C		
9	0.09	0.17	0.47	0.74	1.00	1.26	1.63	1.99	2.34	2.69	2.13	1.62	1.29	1.05	0.88	0.75	0.65	0.57	0.51	0.46	0.41	0.37	0.34	0.31	0.27
10	0.10	0.19	0.52	0.83	1.12	1.41	1.82	2.23	2.63	3.02	2.50	1.90	1.51	1.23	1.03	0.88	0.77	0.67	0.60	0.53	0.48	0.44	0.40	0.37	0.31
11	0.12	0.22	0.58	0.92	1.24	1.56	2.02	2.47	2.91	3.34	2.88	2.19	1.74	1.42	1.19	1.02	0.88	0.77	0.69	0.61	0.55	0.50	0.46	0.42	0.36
12	0.13	0.24	0.64	1.01	1.37	1.71	2.22	2.71	3.20	3.67	3.28	2.50	1.98	1.62	1.36	1.16	1.01	0.88	0.78	0.70	0.63	0.57	0.52	0.48	0.41
13	0.14	0.26	0.70	1.10	1.49	1.87	2.42	2.96	3.49	4.01	3.70	2.82	2.23	1.83	1.53	1.31	1.13	1.00	0.88	0.79	0.71	0.65	0.59	0.54	0.46
14	0.15	0.28	0.75	1.19	1.61	2.02	2.62	3.21	3.78	4.34	4.14	3.15	2.50	2.04	1.71	1.46	1.27	1.11	0.99	0.88	0.80	0.72	0.66	0.61	0.52
15	0.16	0.30	0.81	1.29	1.74	2.18	2.83	3.45	4.07	4.68	4.59	3.49	2.77	2.27	1.90	1.62	1.41	1.23	1.09	0.98	0.88	0.80	0.73	0.67	0.57
16	0.17	0.32	0.87	1.38	1.87	2.34	3.03	3.70	4.36	5.01	5.05	3.85	3.05	2.5	2.09	1.79	1.55	1.36	1.21	1.08	0.97	0.88	0.81	0.74	0.63
17	0.19	0.35	0.93	1.47	1.99	2.50	3.23	3.95	4.66	5.35	5.54	4.21	3.34	2.74	2.29	1.96	1.70	1.49	1.32	1.18	1.07	0.97	0.88	0.81	0.69
18	0.20	0.37	0.99	1.56	2.12	2.66	3.44	4.21	4.96	5.69	6.03	4.59	3.64	2.98	2.50	2.13	1.85	1.62	1.44	1.29	1.16	1.05	0.96	0.88	0.75
19	0.21	0.39	1.05	1.66	2.25	2.82	3.65	4.46	5.25	6.04	6.54	4.98	3.95	3.23	2.71	2.31	2.00	1.76	1.56	1.40	1.26	1.14	1.04	0.96	0.82
20	0.22	0.41	1.11	1.75	2.37	2.98	3.86	4.71	5.55	6.38	7.06	5.37	4.26	3.49	2.93	2.50	2.16	1.90	1.69	1.51	1.36	1.23	1.13	1.03	0.88
21	0.23	0.43	1.17	1.85	2.5	3.14	4.06	4.97	5.85	6.72	7.6	5.78	4.59	3.76	3.15	2.69	2.33	2.04	1.81	1.62	1.46	1.33	1.21	1.11	0.95
22	0.24	0.46	1.23	1.94	2.63	3.30	4.27	5.22	6.16	7.07	8.15	6.20	4.92	4.03	3.37	2.88	2.50	2.19	1.94	1.74	1.57	1.42	1.30	1.19	1.02
23	0.26	0.48	1.29	2.04	2.76	3.46	4.48	5.48	6.46	7.42	8.68	6.63	5.26	4.30	3.61	3.08	2.67	2.34	2.08	1.86	1.68	1.52	1.39	1.28	1.09
24	0.27	0.50	1.35	2.13	2.89	3.62	4.69	5.74	6.76	7.77	9.09	7.06	5.61	4.59	3.85	3.28	2.85	2.50	2.21	1.98	1.79	1.62	1.48	1.36	1.16
25	0.28	0.52	1.41	2.23	3.02	3.79	4.91	6.00	7.07	8.12	9.50	7.51	5.96	4.88	4.09	3.49	3.03	2.66	2.35	2.11	1.90	1.72	1.57	1.45	1.23
26	0.29	0.55	1.47	2.33	3.15	3.95	5.12	6.26	7.37	8.47	9.91	7.97	6.32	5.17	4.34	3.70	3.21	2.82	2.50	2.23	2.02	1.83	1.67	1.53	1.31
28	0.32	0.59	1.59	2.52	3.41	4.28	5.54	6.78	7.99	9.18	10.7	8.90	7.06	5.78	4.85	4.14	3.59	3.15	2.79	2.50	2.25	2.04	1.87	1.71	1.46
30	0.34	0.64	1.72	2.72	3.68	4.61	5.97	7.30	8.60	9.89	11.6	9.87	7.83	6.41	5.37	4.59	3.98	3.49	3.10	2.77	2.50	2.27	2.07	1.90	1.62
32	0.37	0.68	1.84	2.91	3.94	4.94	6.40	7.83	9.23	10.6	12.4	10.9	8.63	7.06	5.92	5.05	4.38	3.85	3.41	3.05	2.75	2.50	2.28	2.09	
35	0.40	0.75	2.03	3.21	4.34	5.45	7.06	8.63	10.2	11.7	13.7	12.4	9.87	8.08	6.77	5.78	5.01	4.40	3.90	3.49	3.15	2.86	2.61	2.39	
40	0.47	0.87	2.34	3.71	5.02	6.29	8.15	9.96	11.7	13.5	15.8	15.2	12.1	9.87	8.27	7.06	6.12	5.37	4.77	4.26	3.85	3.49			
45	0.53	0.99	2.66	4.21	5.70	7.14	9.26	11.3	13.3	15.3	17.9	18.1	14.4	11.8	9.87	8.43	7.31	6.41	5.69	5.09					

Note: 1. kW ratings when using one pitch offset links (OL) are 80% 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	
	Double strand	1.7
	Triple strand	2.5

Lubrication method	Lubrication		Details on Pg. 202
	A	Manual lubrication or drip lubrication	
	B	Oil bath or slinger disc lubrication	
C	Forced pump lubrication		