

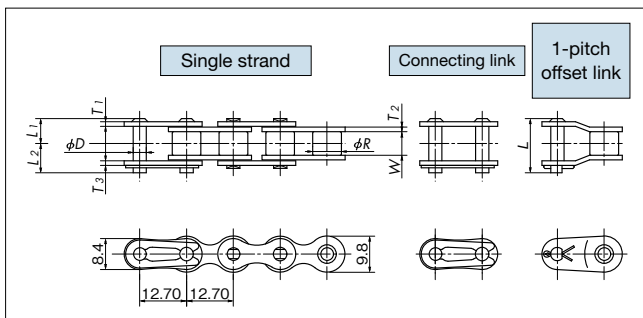
Note: 1. Bores are finished and fitted with a screw.
2. All models stocked.

Model numbering example

RS25 -1 B 10T -6

Size Number of
Hub type strands Number
 of teeth Bore
 diameter d

Number of teeth	Pitch circle dia. D_p	Outer dia. (D_o)	Bore dia. $d(H8)$	Hub		Cross-recessed head machine screw		Approx. mass g	Material
				Dia. D_H	Length L	Position H	S		
10	20.55	23.5	6• 8	13	14	4	M3X6	13	Sintered alloy
11	22.54	25.5	6• 8	15	14	4	M3X8	16	
12	24.53	27.5	8•10	17	14	4	M4X8	20	
13	26.53	29.5	8•10	18	14	4	M4X8	23	
14	28.54	31.5	8•10	19	14	4	M4X8	26	
15	30.54	33.5	8•10	20	14	4	M4X10	31	
16	32.55	35.5	8•10	21	16	5	M4X10	38	Machine-structural carbon steel
17	34.56	37.5	8•10	23	16	5	M4X10	45	
18	36.57	39.5	8•10	25	16	5	M4X12	52	
19	38.58	41.5	8•10	26	16	5	M4X12	60	
20	40.59	43.5	8•10	28	16	5	M4X14	68	
21	42.61	45.5	8•10	30	18	7	M4X14	80	
22	44.62	48.0	8•10	30	18	7	M4X14	84	
23	46.63	50.0	8•10	30	18	7	M4X14	88	
24	48.65	52.0	8•10	30	18	7	M4X14	93	
25	50.66	54.0	8•10	30	18	7	M4X14	98	
26	52.68	56.0	10•12	30	18	7	M4X14	98	
28	56.71	60.0	10•12	30	18	7	M4X14	103	
30	60.75	64.0	10•12	30	18	7	M4X14	110	
32	64.78	68.0	10•12	30	18	7	M4X14	117	



Note: 1. Maximum allowable load when using an M type connecting link is 80% of the above. Maximum allowable load when using a one-pitch offset link is 65% of the above.
2. Number of links per unit = 240. Items in bold are stocked in units.

■ **Sprockets** Sprockets are made-to-order. Contact a Tsubaki representative.

■ RS41 Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket no. of teeth	Lubricant	Small sprocket max rpm																											
		10	25	50	100	200	300	400	500	700	900	1000	1200	1400	1600	1800	2100	2400	2700	3000	3500	4000	5000	6000	7000	8000			
AI						AII						B												C					
9		0.02	0.05	0.10	0.18	0.34	0.49	0.64	0.78	1.05	1.32	1.24	0.95	0.75	0.61	0.52	0.41	0.33	0.28	0.24	0.19	0.16	0.11	0.08	0.07	0.05			
10		0.03	0.06	0.11	0.20	0.38	0.55	0.71	0.87	1.18	1.48	1.46	1.11	0.88	0.72	0.60	0.48	0.39	0.33	0.28	0.22	0.18	0.13	0.10	0.08	0.06			
11		0.03	0.07	0.12	0.23	0.42	0.61	0.79	0.96	1.31	1.64	1.68	1.28	1.01	0.83	0.70	0.55	0.45	0.38	0.32	0.26	0.21	0.15	0.11	0.09	0.07			
12		0.03	0.07	0.13	0.25	0.46	0.67	0.87	1.06	1.43	1.80	1.91	1.46	1.16	0.95	0.79	0.63	0.52	0.43	0.37	0.29	0.24	0.17	0.13	0.10	0.08			
13		0.03	0.08	0.15	0.27	0.51	0.73	0.95	1.16	1.56	1.96	2.16	1.64	1.30	1.07	0.89	0.71	0.58	0.49	0.42	0.33	0.27	0.19	0.15	0.12	0.10			
14		0.04	0.08	0.16	0.29	0.55	0.79	1.02	1.25	1.69	2.12	2.34	1.84	1.46	1.19	1.00	0.79	0.65	0.54	0.46	0.37	0.30	0.22	0.16	0.13	0.11			
15		0.04	0.09	0.17	0.32	0.59	0.85	1.10	1.35	1.83	2.29	2.52	2.04	1.62	1.32	1.11	0.88	0.72	0.60	0.52	0.41	0.33	0.24	0.18	0.14	0.12			
16		0.04	0.10	0.18	0.34	0.63	0.91	1.18	1.45	1.96	2.45	2.70	2.24	1.78	1.46	1.22	0.97	0.79	0.66	0.57	0.45	0.37	0.26	0.20	0.16	0.13			
17		0.05	0.10	0.19	0.36	0.68	0.97	1.26	1.54	2.09	2.62	2.88	2.46	1.95	1.60	1.34	1.06	0.87	0.73	0.62	0.49	0.40	0.29	0.22	0.17	0.14			
18		0.05	0.11	0.21	0.39	0.72	1.04	1.34	1.64	2.22	2.79	3.06	2.68	2.12	1.74	1.46	1.16	0.95	0.79	0.68	0.54	0.44	0.31	0.24	0.19				
19		0.05	0.12	0.22	0.41	0.76	1.10	1.42	1.74	2.36	2.95	3.25	2.90	2.30	1.89	1.58	1.25	1.03	0.86	0.73	0.58	0.48	0.34	0.26	0.21				
20		0.05	0.12	0.23	0.43	0.81	1.16	1.51	1.84	2.49	3.12	3.43	3.13	2.49	2.04	1.71	1.35	1.11	0.93	0.79	0.63	0.52	0.37	0.28	0.22				
21		0.06	0.13	0.24	0.46	0.85	1.22	1.59	1.94	2.63	3.29	3.62	3.37	2.68	2.19	1.84	1.46	1.19	1.00	0.85	0.68	0.55	0.40	0.30	0.24				
22		0.06	0.14	0.26	0.48	0.89	1.29	1.67	2.04	2.76	3.46	3.81	3.62	2.87	2.35	1.97	1.56	1.28	1.07	0.91	0.73	0.59	0.43	0.32	0.26				
23		0.06	0.14	0.27	0.50	0.94	1.35	1.75	2.14	2.90	3.63	3.99	3.87	3.07	2.51	2.10	1.67	1.37	1.15	0.98	0.78	0.64	0.45	0.35	0.27				
24		0.07	0.15	0.28	0.53	0.98	1.41	1.83	2.24	3.03	3.80	4.18	4.12	3.27	2.68	2.24	1.78	1.46	1.22	1.04	0.83	0.68	0.48	0.37	0.29				
25		0.07	0.16	0.29	0.55	1.03	1.48	1.92	2.34	3.17	3.97	4.37	4.38	3.48	2.85	2.38	1.89	1.55	1.30	1.11	0.88	0.72	0.52	0.39					
26		0.07	0.16	0.31	0.57	1.07	1.54	2.00	2.44	3.31	4.15	4.56	4.65	3.69	3.02	2.53	2.01	1.64	1.38	1.18	0.93	0.76	0.55	0.42					
28		0.08	0.18	0.33	0.62	1.16	1.67	2.16	2.65	3.58	4.49	4.94	5.19	4.12	3.37	2.83	2.24	1.84	1.54	1.31	1.04	0.85	0.61	0.46					
30		0.08	0.19	0.36	0.67	1.25	1.80	2.33	2.85	3.86	4.84	5.32	5.76	4.57	3.74	3.13	2.49	2.04	1.71	1.46	1.16	0.95	0.68	0.52					
32		0.09	0.21	0.38	0.72	1.34	1.93	2.50	3.06	4.14	5.19	5.70	6.34	5.03	4.12	3.45	2.74	2.24	1.88	1.60	1.27	1.04	0.75						
35		0.10	0.23	0.42	0.79	1.48	2.13	2.75	3.37	4.56	5.72	6.28	7.26	5.76	4.71	3.95	3.13	2.57	2.15	1.84	1.46	1.19	0.85						
40		0.12	0.26	0.49	0.91	1.71	2.46	3.18	3.89	5.27	6.60	7.26	8.55	7.04	5.76	4.83	3.83	3.13	2.63	2.24	1.78	1.46	1.04						
45		0.13	0.30	0.56	1.04	1.94	2.79	3.61	4.42	5.98	7.50	8.24	9.71	8.39	6.87	5.76	4.57	3.74	3.13	2.68	2.12	1.74							

Note: Please contact a Tsubaki representative prior to use of kW ratings in the shaded area of the table.

■ 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

RS41 -1 -RP + 230L -MCJR

Size Number of strands Pin type Number of links End link

Note: Standard roller chains do not require series selection.