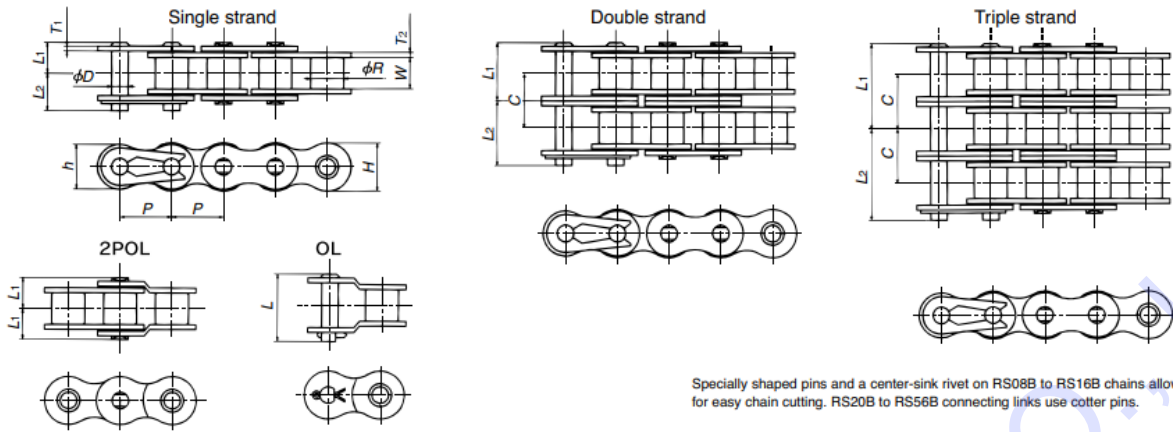


STANDARD ROLLER CHAINS Model: BS/DIN STANDARD

โซ่ขับ /โซ่ลูกกลิ้งมาตรฐาน รุ่น BS/DIN STANDARD



Specially shaped pins and a center-sink rivet on RS08B to RS16B chains allow for easy chain cutting. RS20B to RS56B connecting links use cotter pins.

TSUBAKI Chain Number	JIS No.	Pitch P	Roller Diameter R	Inner Width of Inner Link W	Plates				Pin Diameter D
					Thickness T ₁	Thickness T ₂	Height H	Height h	
RS05B-1	05B	8.00	5.00	3.00	0.75	0.75	7.1	7.1	2.30
RF06B-1	06B	9.525	6.35	5.72	1.0	1.3	8.2	8.2	3.27
RS08B-1	08B	12.70	8.51	7.75	1.6	1.6	11.8	10.4	4.45
RS10B-1	10B	15.875	10.16	9.65	1.5	1.5	14.7	13.7	5.08
RS12B-1	12B	19.05	12.07	11.68	1.8	1.8	16.1	16.1	5.72
RS16B-1	16B	25.40	15.88	17.02	3.2	4.0	21.0	21.0	8.28
RS20B-1	20B	31.75	19.05	19.56	3.4	4.4	26.0	26.0	10.19
RS24B-1	24B	38.10	25.40	25.40	5.6	6.0	33.4	31.2	14.63
RS28B-1	28B	44.45	27.94	30.99	6.3	7.5	36.4	36.4	15.90
RS32B-1	32B	50.80	29.21	30.99	6.3	7.0	42.2	41.6	17.81
RS40B-1	40B	63.50	39.37	38.10	8.0	8.5	52.9	52.0	22.89
RS48B-1	48B	76.2	48.26	45.72	10.0	12.1	63.8	59.8	29.23
RS56B-1	56B	88.9	53.98	53.34	12.3	13.6	77.8	73.0	34.32

Note: Outer plate thickness is given for single-strand chain. Outer plate thickness will vary for multi-strand chains due to their relation to the horizontal pitch.

TSUBAKI Chain Number	Number of Strands	Pin Length L ₁ + L ₂	Dimensions L ₁	Dimensions L ₂	Offset Pin Length L	Transverse Pitch C	Tsubaki Minimum Tensile Strength kN(kgf)	ISO "B" Tensile Strength kN(kgf)	Maximum Allowable Load kN(kgf)	Approximate Mass kg/m
RS05B-1	1	8.5	3.8	4.7	—	—	5.0 (510)	4.4 (449)	1.26(128)	0.18
RF06B-1	1	13.8	6.1	7.7	15.1	—	9.0 (920)	8.90 (910)	1.95(199)	0.39
RF06B-2	2	24.0	11.2	12.8	25.9	10.24	17.0 (1730)	16.9 (1720)	3.32(339)	0.75
RF06B-3	3	34.3	16.4	17.9	36.1	—	24.9 (2540)	24.9 (2540)	4.88(498)	1.11
RS08B-1	1	18.4	8.4	10.0	18.6	—	19.0 (1930)	17.8 (1820)	3.80(387)	0.70
RS08B-2	2	32.2	15.3	16.9	34.5	13.92	32.0 (3260)	31.1 (3170)	6.46(659)	1.35
RS08B-3	3	46.1	22.25	23.85	48.4	—	47.5 (4840)	44.5 (4540)	9.50(969)	2.00
RS10B-1	1	20.8	9.55	11.25	20.8	—	23 (2340)	22.2 (2260)	4.52(461)	0.95
RS10B-2	2	37.4	17.85	19.55	39.4	16.59	44.5 (4540)	44.5 (4540)	7.68(783)	1.85
RS10B-3	3	54.0	26.15	27.85	56.0	—	66.8 (6810)	66.7 (6800)	11.3(1150)	2.80
RS12B-1	1	24.1	11.1	13.0	24.4	—	31 (3160)	28.9 (2950)	5.28(538)	1.25
RS12B-2	2	43.6	20.85	22.75	45.9	19.46	61 (6220)	57.8 (5890)	8.98(916)	2.50
RS12B-3	3	63.1	30.6	32.5	65.4	—	92 (9400)	86.7 (8840)	13.2(1350)	3.80
RS16B-1	1	37.7	17.75	19.95	41.1	—	70 (7100)	60 (6120)	13.1(1340)	2.70
RS16B-2	2	69.3	33.55	35.75	75.2	31.88	128 (13000)	106 (10800)	22.3(2270)	5.40
RS16B-3	3	101.2	49.5	51.7	107.1	—	192 (19600)	160 (16300)	32.8(3340)	8.00
RS20B-1	1	43.0	19.9	23.1	46.6	—	98.1(10000)	95 (9690)	18.4(1880)	3.85
RS20B-2	2	79.7	38.25	41.45	84.6	36.45	197 (20100)	170 (17300)	31.3(3190)	7.65
RS20B-3	3	116.2	56.5	59.7	121.0	—	295 (30100)	250 (25500)	46.0(4690)	11.45
RS24B-1	1	58.5	26.65	31.85	61.7	—	167 (17000)	160 (16300)	27.1(2760)	7.45
RS24B-2	2	106.8	50.8	56.0	112.8	48.36	335 (34100)	280 (28600)	46.1(4700)	14.65
RS24B-3	3	155.3	75.1	80.2	161.1	—	500 (51000)	425 (43300)	67.8(6910)	21.75
RS28B-1	1	69.9	32.45	37.45	74.4	—	200 (20400)	200 (20400)	37.5(3820)	9.45
RS28B-2	2	129.3	62.15	67.15	136.6	59.56	374 (38100)	360 (36700)	63.8(6510)	18.80
RS28B-3	3	188.9	91.95	96.95	195.9	—	560 (57100)	530 (54000)	93.8(9570)	28.20
RS32B-1	1	69.8	32.1	37.7	73.3	—	255 (26000)	250 (25500)	41.0(4180)	10.25
RS32B-2	2	128.1	61.25	66.85	134.5	58.55	485 (49500)	450 (45900)	69.7(7110)	20.10
RS32B-3	3	186.6	90.5	96.1	192.6	—	729 (74300)	670 (68300)	103 (10500)	29.90
RS40B-1	1	84.3	39.25	45.05	88.6	—	373 (38000)	355 (36200)	51.0(5200)	16.35
RS40B-2	2	156.6	75.4	81.2	163.2	72.29	716 (73000)	630 (64200)	86.7(8840)	32.00
RS40B-3	3	228.8	111.5	117.3	235.3	—	1080 (110000)	950 (96900)	128 (13100)	47.75
RS48B-1	1	108.1	49.3	58.8	117.7	—	565 (57600)	565 (57600)	77.0(7850)	25.00
RS48B-2	2	199.4	95.0	104.4	209.0	91.21	1000 (102000)	1000 (102000)	131 (13400)	50.00
RS48B-3	3	290.6	140.6	150.0	300.2	—	1520 (155000)	1500 (153000)	193 (19700)	75.00
RS56B-1	1	126.3	57.3	69.0	—	—	851 (86800)	850 (86700)	103 (10500)	33.90
RS56B-2	2	232.9	110.6	122.3	—	106.6	1700 (173000)	1600 (163000)	175 (17800)	67.18
RS56B-3	3	339.5	163.9	175.6	—	—	2250 (229000)	2240 (228000)	257 (26200)	100.40

- Note: 1. RF06B plates are flat $\frac{1}{4}$.
- Multi-strand RF06B and RS08B chains have one middle plate.
- Items in bold are stocked in units. All other items are made-to-order. RS48B and 56B are made-to-order.
- Maximum allowable load when using 06B, 48B, and 56B with connecting links is 80% of the above.
- Maximum allowable load when using one-pitch and two-pitch offset links (OL & 2POL) is 60% of the above.
- There is no offset link for 56B.
- See pg. 108 for BS/DIN RS roller chain sprockets.