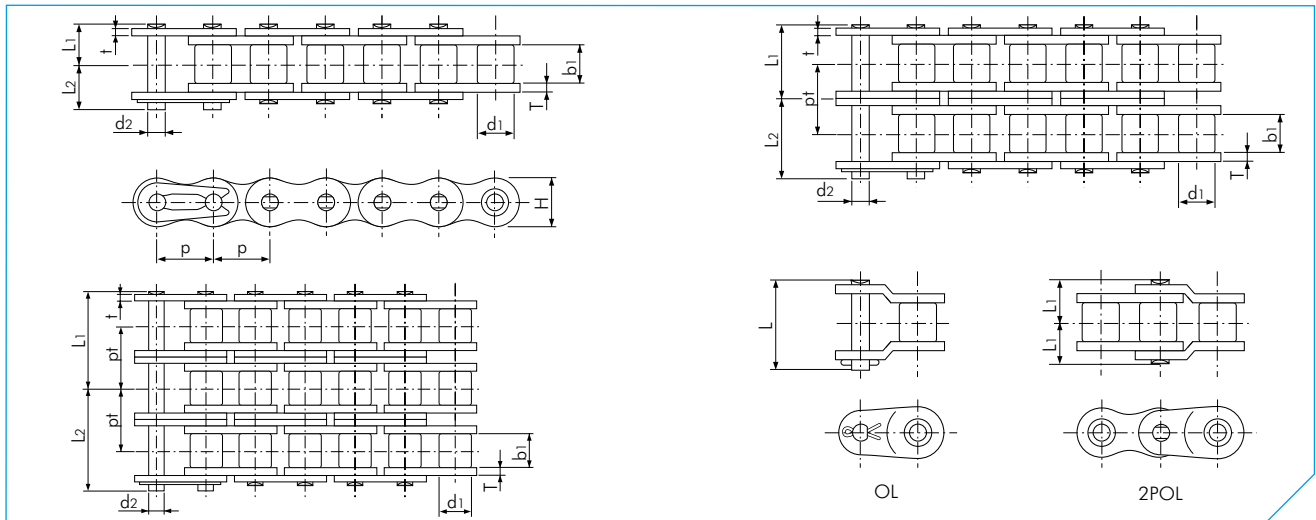


BS RUNNER STANDARD ROLLER CHAIN



BS Runner

Dimensions in mm

TSUBAKI Chain No.	Pitch	Roller Diameter	Inner Width	Pin				Link Plate			Transverse Pitch	Min. Tensile Strength acc. to ISO 606	Min. Tensile Strength acc. to Tsubaki	Av. Tensile Strength acc. to Tsubaki	Approx. Mass			
				Diameter	Length	Length	Length	Thickness	Thickness	Height								
	p	d1	b1	d2	L1	L2	L	T	t	H (max)	pt	kN	kN	kN	kg/m			
RS05B-1	8.00 (0.315")	5.00	3.00	2.30	3.80	4.70	-	0.75	0.75	7.10	-	4.4	5.0	5.8	0.18			
RS05B-2					6.65	7.52	-				5.64	7.8	7.8	8.9	0.35			
RS05B-3					9.45	10.34	-				5.64	11.1	11.2	12.8	0.53			
RF06B-1	9.525 (3/8")	6.35	5.72	3.27	6.10	7.70	14.20	1.30	1.00	8.20	-	8.9	9.0	9.9	0.39			
RF06B-2					11.43	12.57	-				10.24	16.9	17.0	18.7	0.75			
RF06B-3					16.90	17.50	-				10.24	24.9	24.9	27.4	1.11			
RS08B-1	12.70 (1/2")	8.51	7.75	4.45	8.40	10.00	18.40	1.60	1.60	12.00	-	17.8	19.0	20.9	0.70			
RS08B-2					15.30	16.90	33.60				13.92	31.1	32.0	35.2	1.35			
RS08B-3					22.25	23.85	47.60				13.92	44.5	47.5	52.3	2.00			
RS10B-1	15.875 (5/8")	10.16	9.65	5.08	9.55	11.25	21.10	1.50	1.50	14.70	-	22.2	23.0	25.3	0.95			
RS10B-2					17.85	19.55	39.40				16.59	44.5	44.5	49.0	1.85			
RS10B-3					26.15	27.85	56.10				16.59	66.6	66.8	73.5	2.80			
RS12B-1	19.05 (3/4")	12.07	11.68	5.72	11.10	13.00	24.80	1.80	1.80	16.10	-	28.9	31.0	34.1	1.25			
RS12B-2					20.85	22.75	46.30				19.46	57.8	61.0	67.1	2.50			
RS12B-3					30.60	32.50	66.00				19.46	86.7	92.0	101.0	3.80			
RS16B-1	25.40 (1")	15.88	17.02	8.28	17.75	19.95	38.90	4.00	3.20	21.00	-	60.0	70.0	77.0	2.70			
RS16B-2					33.55	35.75	73.80				31.88	106.0	128.0	141.0	5.40			
RS16B-3					49.50	51.70	105.90				31.88	160.0	192.0	211.0	8.00			
RS20B-1	31.75 (1 1/4")	19.05	19.56	10.19	19.90	23.10	46.95	4.40	3.40	26.00	-	95.0	98.1	108.0	3.85			
RS20B-2					38.25	41.45	84.85				36.45	170.0	197.0	217.0	7.65			
RS20B-3					56.50	59.70	121.35				36.45	250.0	295.0	325.0	11.45			
RS24B-1	38.10 (1 1/2")	25.40	25.40	14.63	26.65	31.85	62.00	6.00	5.60	33.40	-	160.0	167.0	184.0	7.45			
RS24B-H-1					29.30	34.20	-				7.50	6.00	36.20	-	-	234.0	270.0	8.20
RS24B-2					50.80	56.00	112.95				48.36	280.0	335.0	369.0	14.65			
RS24B-3	44.45 (1 3/4")	27.94	30.99	15.90	75.10	80.20	161.35	6.00	5.60	33.40	48.36	425.0	500.0	550.0	21.75			
RS28B-1					32.45	37.45	74.50				-	200.0	200.0	220.0	9.45			
RS28B-2					62.15	67.15	136.85				59.56	360.0	374.0	411.0	18.80			
RS28B-3	50.80 (2")	29.21	30.99	17.81	91.95	96.95	196.45	7.50	6.30	36.40	59.56	530.0	560.0	616.0	28.20			
RS32B-1					32.10	37.70	73.50				-	250.0	255.0	281.0	10.25			
RS32B-2					61.25	66.85	135.25				58.55	450.0	485.0	534.0	21.10			
RS32B-3	63.50 (2 1/2")	39.37	38.10	22.89	90.50	96.10	193.80	8.50	8.00	52.90	58.55	670.0	729.0	802.0	29.90			
RS40B-1					39.25	45.05	88.85				-	355.0	373.0	410.0	16.35			
RS40B-2					75.40	81.20	163.55				72.29	630.0	716.0	788.0	32.00			
RS40B-3	76.20 (3")	48.26	45.72	29.23	111.50	117.30	235.85	12.10	10.00	63.80	72.29	950.0	1080.0	1190.0	47.75			
RS48B-1					49.30	58.80	117.70				-	560.0	565.0	618.0	25.00			
RS48B-2					95.00	104.40	209.00				91.21	1000.0	1000.0	1150.0	50.00			
RS48B-3					140.60	150.00	300.20	91.21	1500.0	1520.0	1750.0	75.00						

Note:

- Connecting links are clip type for sizes up to RS16B, and cotter type for sizes RS20B to RS48B.
- RF06B chain has flat-shaped link plates.
- Intermediate plate of multi strand RF06B-2 and RS08B-2 chain is a solid plate.
- Center sink riveting is applied to RS08B-1 to RS16B-1 single strand chain.
- Double stake riveting is applied to all other sizes including multi-strand chain.
- When a single pitch offset link is used, please calculate a 35% reduction of the fatigue strength.
- RS24B-H-1 chain is a reinforced RS24B-1 chain.