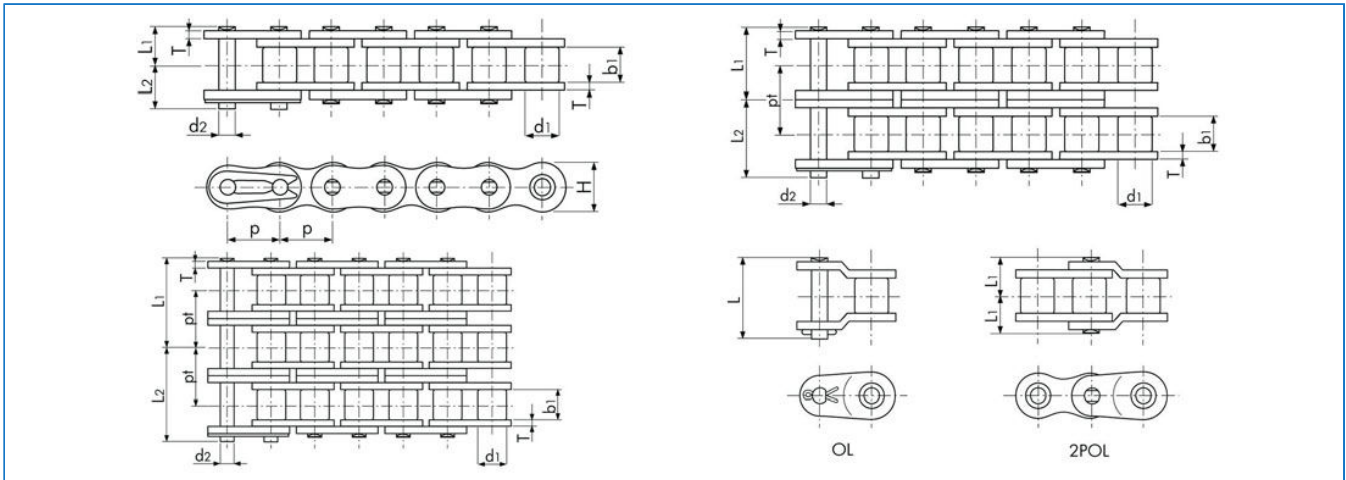


ANSI G7 Standard Roller Chain



Dimensions in mm

TSUBAKI Chain No.	Pitch P	Roller Diameter d1	Inner With b1	Pin			Link Plate		Transverse Pitch pt	Min.Tensile Strength acc. to ANSI kN	Min.Tensile Strength acc. to Tsubaki kN	Approx. Mass kg/ m	
				Diameter d2	L1	L2	L	Thickness T					Height H(max)
RS25-1	6,35 (1/4")	3.3	3.18	2.31	3.8	4.5	-	0.74	5.84	-	3.6	4.1	0.14
RS25-2					6.95	7.75	-			6.4	7.2	8.2	0.27
RS25-3					10.15	10.95	-			6.4	10.8	12.4	0.42
RS35-1	9,525 (3/8")	5.08	4.78	3.59	5.85	6.85	13.5	1.25	9	-	8.7	9.8	0.33
RS35-2					10.9	11.9	24.5			10.1	17.4	19.6	0.69
RS35-3					16	16.9	34.6			10.1	26.1	29.4	1.05
RS35-4					21.05	21.95	44.7			10.1	-	39.2	1.41
RS37-1	12,70 (1/2")	7.8	3.4	3.63	5.1	5.9	12.45	1	9.8	-	-	8.1	0.29
RS38-1	12,70 (1/2")	7.8	4.8	3.63	6	7.1	14.1	1.1	9.8	-	-	8.1	0.35
RS41-1	12,70 (1/2")	7.77	6.38	3.59	6.75	7.95	15.1	1.25	9.8	-	7.4	10.3	0.41
RS40-1	12,70 (1/2")	7.92	7.95	3.97	8.25	9.95	17.9	1.5	12	-	15.2	17.7	0.64
RS40-2					15.45	17.15	33.5			14.4	30.4	35.3	1.27
RS40-3					22.65	24.15	47.9			14.4	45.6	53	1.9
RS40-4					29.9	31.3	62.3			14.4	-	70.6	2.53
RS50-1	15,875 (5/8")	10.16	9.53	5.09	10.3	11.9	22.5	2	15	-	24	28.4	1.04
RS50-2					19.35	21.15	41.8			18.1	48	56.9	2.07
RS50-3					28.4	30.2	59.9			18.1	72	85.3	3.09
RS50-4					37.45	39.25	78.1			18.1	-	114	4.11
RS60-1	19,05 (3/4")	11.91	12.7	5.96	12.85	14.75	28.2	2.4	18.1	-	34.2	40.2	1.53
RS60-2					24.25	26.25	52.6			22.8	68.4	80.4	3.04
RS60-3					35.65	38.15	75.5			22.8	102.6	121	4.54
RS60-4					47.05	49.55	98.3			22.8	-	161	6.04
RS80-1	25,40 (1")	15.88	15.88	7.94	16.25	19.25	36.6	3.2	24.1	-	61.2	71.6	2.66
RS80-2					30.9	33.9	67.5			29.3	122.4	143	5.27
RS80-3					45.6	48.5	96.9			29.3	183.6	215	7.89
RS80-4					60.25	63.25	126.3			29.3	-	286	10.5
RS100-1	31,75 (1 1/4")	19.05	19.05	9.54	19.75	22.85	43.7	4	30.1	-	95.4	107	3.99
RS100-2					37.7	40.8	81.5			35.8	190.8	214	7.85
RS100-3					55.65	58.75	117.3			35.8	286.2	321	11.77
RS100-4					73.55	76.65	153.1			35.8	-	428	15.7
RS120-1	38,10 (1 1/2")	22.23	25.4	11.11	24.9	28.9	55	4.8	36.2	-	137.1	148	5.93
RS120-2					47.6	51.6	103.2			45.4	274.2	296	11.7
RS120-3					70.4	74.4	148.6			45.4	411.3	444	17.53
RS120-4					93.1	97.1	194			45.4	-	592	23.36
RS140-1	44,45 (1 3/4")	25.4	25.4	12.71	26.9	31.7	59.5	5.6	42.2	-	185.9	193	7.49
RS140-2					51.35	56.15	112.3			48.9	371.8	386	14.83
RS140-3					75.85	80.75	161.3			48.9	557.7	580	22.2
RS160-1					31.85	36.85	70.2			-	244.6	255	10.1
RS160-2	50,80 (2")	28.58	31.75	14.29	61.15	66.15	132.2	6.4	48.2	58.5	489.2	510	20.04
RS160-3					90.45	95.45	190.7			58.5	733.8	765	30.02
RS180-1					35.65	42.45	80.6			-	308.2	336	13.45
RS180-2	57,15 (2 1/4")	35.71	35.72	17.46	68.75	75.35	151.1	7.15	54.2	65.8	616.4	673	26.52
RS180-3					101.7	108.5	216.9			65.8	924.6	1010	38.22
RS200-1					39	44.8	87.3			-	381.7	427	16.49
RS200-2	63,50 (2 1/2")	39.68	38.1	19.85	74.85	80.65	161.2	8	60.3	71.6	763.4	853	32.63
RS200-3					110.75	116.45	233			71.6	1145.1	1280	49.02
RS240-1					76,20 (3")	47.63	47.63			23.81	47.9	55.5	106.7
RS240-2	91.9	99.4	198.4	87.8				1100.8	1250		48.1		

Note:

1. RS25 - RS35 are rollerless chain (only bush). The figure shown is the bush diameter.
2. Connecting links are clip type for sizes up to RS60, and cotter type for sizes RS80 to RS200. RS240 connecting links are spring pin type.
3. When a single pitch offset link is used, please calculate a 35% reduction of the fatigue strength.