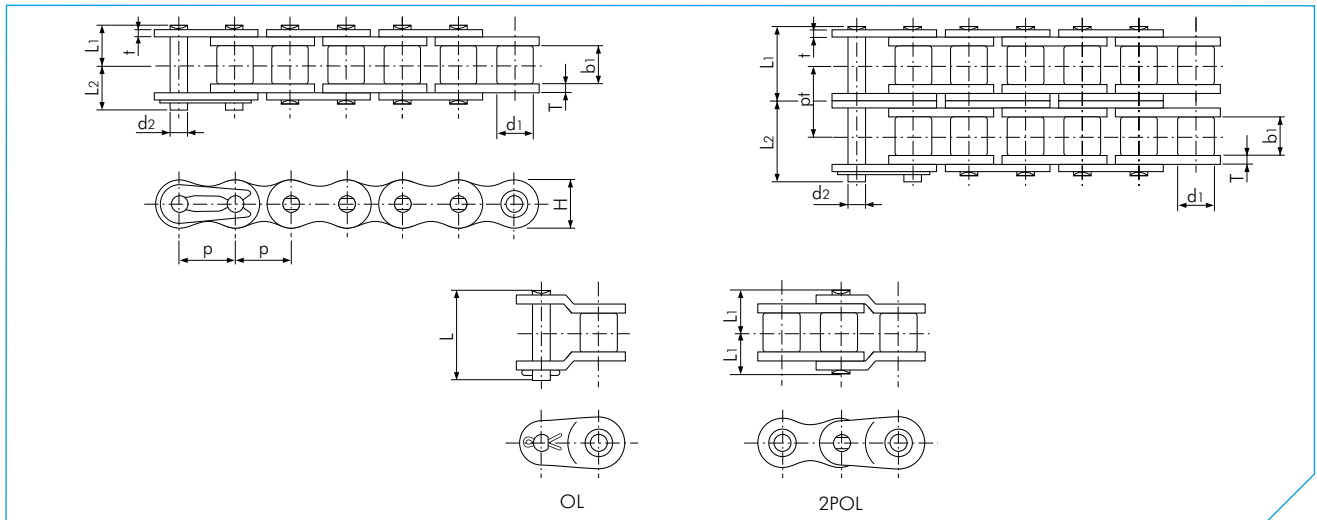


ANSI LAMBDA LUBE FREE ROLLER CHAIN



ANSI LAMBDA Chain

Dimensions in mm

TSUBAKI Chain No.	Pitch p	Roller Diameter d1	Inner Width b1	Pin				Link Plate			Transverse Pitch pt	Min. Tensile Strength acc. to ANSI kN	Av. Tensile Strength acc. to Tsubaki kN	Approx. Mass kg/m
				Diameter d2	Length L1	Length L2	Length L	Thickness T	Thickness t	Height H (max)				
RS40-LMD-1	12.70 (1/2")	7.95	7.55	3.97	8.78	10.45	20.00	2.00	1.50	12.00	-	15.2	19.1	0.70
RS40-LMD-2					16.50	18.10	-				15.40	30.4	38.2	1.40
RS50-LMD-1	15.875 (5/8")	10.16	9.26	5.09	10.75	12.45	24.00	2.40	2.00	15.00	-	24.0	31.4	1.11
RS50-LMD-2					20.20	22.00	-				19.00	48.0	62.8	2.20
RS60-LMD-1	19.05 (3/4")	11.91	12.28	5.96	13.75	15.65	32.00	3.20	2.40	18.10	-	34.2	44.1	1.72
RS60-LMD-2					26.05	28.05	-				24.52	68.4	88.3	3.40
RS80-LMD-1	25.40 (1")	15.88	15.48	7.94	17.15	20.25	39.90	4.00	3.20	24.10	-	61.2	78.5	2.77
RS80-LMD-2					32.70	35.90	-				31.10	122.4	157.0	5.50
RS100-LMD-1	31.75 (1 1/4")	19.05	18.70	9.54	20.65	23.85	47.50	4.80	4.00	30.10	-	95.4	118.0	4.30
RS100-LMD-2					39.50	42.50	-				37.60	190.8	235.0	8.60
RS120-LMD-1	38.10 (1 1/2")	22.23	24.75	11.11	25.75	29.95	59.00	5.60	4.80	36.20	-	137.1	167.0	6.40
RS140-LMD-1	44.45 (1 3/4")	25.40	24.75	12.71	27.70	32.20	63.70	6.40	5.60	42.20	-	185.9	216.0	8.10

Note:

1. Connecting links are clip type for sizes RS40-LMD to RS60-LMD, and cotter type for sizes RS80-LMD to RS140-LMD.
2. Drive and Conveyor series LAMBDA chain cannot be intercoupled or interchanged.
3. Due to increased roller link plate thickness, Drive LAMBDA connecting links are required.
4. Due to increased roller link plate thickness, LAMBDA double strand chains require special sprockets.
5. Due to increased roller link plate thickness, the pins are longer. Check for machine interference.
6. Offset links for LAMBDA double strand chains are not available.
7. When a single pitch offset link is used, please calculate a 35% reduction in fatigue strength.
8. Also available in N.E.P. specification.