

■ Base Chain Dimensions

Size & Series	Pitch P	P'	Width Between Inner Link Plates W	Roller Dia. R	Pin				Plate			Max. Allowable Load kN {kgf}	Approx. Mass kg/m	No. of Links per Unit
					Dia. D	L_1	L_2	L	Thickness T	Width H	Width h			
RS35-LMC	9.525	Contact a Tsubaki representative for details.	4.78	(5.08)	3.00	5.85	6.85	13.5	1.25	9.0	7.8	1.52{ 155}	0.33	320
RS40-LMC	12.70		7.95	7.92	3.97	8.25	9.95	18.2	1.5	12.0	10.4	2.65{ 270}	0.64	240
RS50-LMC	15.875		9.53	10.16	5.09	10.3	12.0	22.6	2.0	15.0	13.0	4.31{ 440}	1.04	192
RS60-LMC	19.05		12.70	11.91	5.96	12.85	14.75	28.2	2.4	18.1	15.6	6.28{ 640}	1.53	160
RS80-LMC	25.40		15.88	15.88	7.94	16.25	19.25	36.6	3.2	24.1	20.8	10.7 {1090}	2.66	120
RS100-LMC	31.75		19.05	19.05	9.54	19.75	22.85	43.7	4.0	30.1	26.0	17.1 {1740}	3.99	96
RS120-LMC	38.10		25.40	22.23	11.11	24.90	28.90	55.0	4.8	36.2	31.2	23.9 {2440}	5.93	80
RS140-LMC	44.45		25.40	25.4	12.71	26.90	31.70	59.5	5.6	42.2	36.4	32.4 {3300}	7.49	68

■ Attachment Dimensions

Size & Series	Attachment										Additional Weight per Attachment kg		
	C	C_1	N	O	S	X	X_2	X_5	L_3	L_4	A, SA	K, SK	EP
RS35-LMC	9.5	9.5	7.9	3.4	6.35	14.3	14.3	14.55	9.5	14.6	0.0008	0.0016	0.0008
RS40-LMC	12.7	12.7	9.5	3.6	8.0	17.8	17.8	17.40	9.5	16.75	0.002	0.004	0.001
RS50-LMC	15.9	15.9	12.7	5.2	10.3	23.4	23.4	23.05	11.9	21.0	0.003	0.006	0.002
RS60-LMC	19.05	18.3	15.9	5.2	11.9	28.2	28.2	26.85	14.3	25.75	0.007	0.014	0.003
RS80-LMC	25.4	24.6	19.1	6.8	15.9	36.6	36.6	35.45	19.1	33.85	0.013	0.026	0.007
RS100-LMC	31.75	31.8	25.4	8.7	19.8	44.9	44.9	44.0	23.8	41.75	0.026	0.052	0.012
RS120-LMC	38.1	36.5	28.6	10.3	23.0	55.8	50.8	52.9	28.6	51.4	0.044	0.088	0.020
RS140-LMC	44.5	44.5	34.9	11.9	28.6	63.1	57.2	63.5	33.3	57.9	0.071	0.142	0.030

Note: 1. LMCNP and LMCKF chains have the same dimensions as shown above.

2. Pin diameters for RS35-LMC and RS35 are different. The two chains cannot be connected to each other.

3. Roller diameter R (in parentheses) for RS35-LMC is the bush diameter.

4. Dimension D of EP attachment for RS35-LMC is 3.0 mm in diameter and is slightly smaller than that for standard RS35 chain.

5. Pin end diameter on EP attachments is slightly larger.

6. The link plates on LMCKF chain are blackened. LMCKF chain uses 2-pitch offset links (2POL), which are made-to-order. Contact a Tsubaki representative for details.

7. The above dimensions are nominal dimensions and may differ from actual dimensions.

8. Connecting links of RS35-LMCKF use cotter pins.