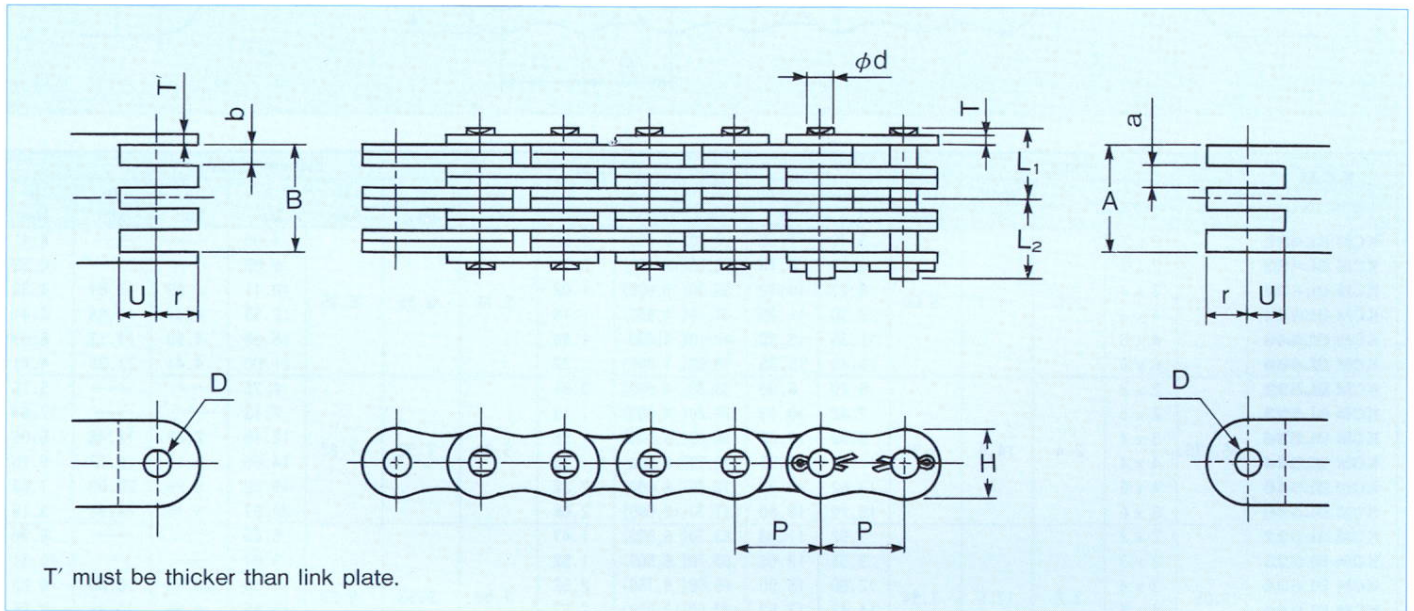


Leaf Chain Operating Notes

- Lubricate leaf chain periodically to avoid rotation of pin and reduce wear for extended service life.
Recommended oil: SAE30 – SAE40
Lubrication intervals: Determined to keep lubricant left between pin and inner link plate.
Lubrication method: Lubrication into space between link plates when chain is loosened.
- Avoid use of chain in corrosive environment.
- Measure chain length periodically to check for wear and elongation.
If elongation reaches its limit (3%), immediately replace chain.

AL Series



K.C.M chain No.	Pitch P	Plate			Pin			Min. tensile kN (kgf)	l-m chain (kg)	End connector						
		Lacing	Thikns (Thickness) T	Width H	OD ϕd	Caulked L_1	Pinned L_2			D Min	r Max	U Min	A Max	a Min	B Min	b Min
KCM AL422		2 x 2				3.93	6.13	16.7 (1,700)	0.34				3.04	—	—	
KCM AL444	12.70	4 x 4	1.5	10.1	3.97	6.98	9.18	33.3 (3,400)	0.68	4.00	6.35	5.72	9.47	3.39	9.82	3.39
KCM AL466		6 x 6				10.05	12.25	50.0 (5,100)	1.03				15.90	—	16.25	
KCM AL522		2 x 2				5.2	7.15	27.5 (2,800)	0.61				4.03	—	—	
KCM AL544	15.875	4 x 4	2.0	12.6	5.09	9.3	11.25	54.9 (5,600)	1.18	5.12	7.94	7.14	12.50	4.44	12.91	4.44
KCM AL566		6 x 6				13.4	15.35	82.4 (8,400)	1.76				20.97	—	21.38	
KCM AL644	19.05	4 x 4	2.4	15.0	5.96	11.15	13.85	76.5 (7,800)	1.70	5.98	9.53	8.56	14.69	5.23	15.19	5.23
KCM AL666		6 x 6				16.13	18.83	114.7 (11,700)	2.53				24.65	—	25.15	
KCM AL844	25.40	4 x 4	3.2	19.7	7.94	14.43	17.53	129.4 (13,200)	2.92	7.96	12.70	11.43	19.80	7.00	20.40	7.00
KCM AL866		6 x 6				20.93	24.03	194.2 (19,800)	4.35				33.20	—	33.30	
KCM AL1044	31.75	4 x 4	4.0	24.8	9.54	18.6	21.55	196.1 (20,000)	4.65	9.56	15.88	14.27	24.49	8.63	25.19	8.63
KCM AL1066		6 x 6				26.8	29.75	294.2 (30,000)	6.94				41.05	—	41.75	
KCM AL1244	38.10	4 x 4	4.8	30.0	11.11	22.1	25.5	282.4 (28,000)	6.70	11.14	19.05	17.14	29.30	10.30	30.10	10.30
KCM AL1266		6 x 6				31.9	35.3	423.6 (43,200)	9.99				49.10	—	49.90	
KCM AL1444	44.45	4 x 4	5.6	34.9	12.71	25.88	29.88	372.7 (38,000)	9.48	12.74	22.23	20.02	34.46	12.10	35.38	12.10
KCM AL1466		6 x 6				37.38	41.38	559.0 (57,000)	14.17				57.74	—	58.66	
KCM AL1644	50.80	4 x 4	6.4	40.1	14.29	29.55	34.25	470.7 (48,000)	12.26	14.31	25.40	22.86	39.09	13.71	40.11	13.71
KCM AL1666		6 x 6				42.75	47.45	706.1 (72,000)	18.32				65.49	—	66.51	

NOTES:

- Dimension "U" excludes rounded area.
- It is required that end connector is made of alloy steel (SCM435, etc.), and properly heat-treated to hardness of HRC40-45.