

## Leaf Chain Operating Notes

Lubricate leaf chain periodically to avoid rotation of pin and reduce wear for extended service life.

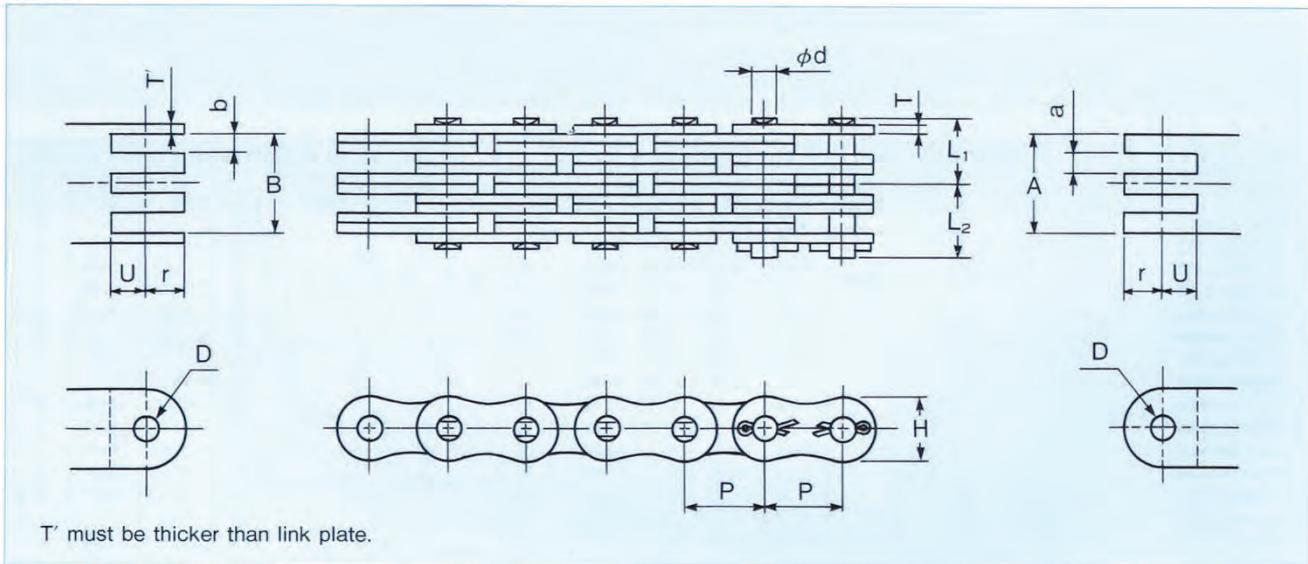
- Recommended oil: SAE30-SAE40
- Lubrication intervals: Determined to keep lubricant left between pin inner link plate.
- Lubrication method: Lubrication into keep space between link plates when chain is loosened.

Avoid use of chain in corrosive environment.

Measure chain length periodically to check for wear 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	Thkns (Thickness) T	Width H	OD $\phi d$	Caulked L <sub>1</sub>	Pinned L <sub>2</sub>			D Min	r Max	U Min	A Max	a Min	B Min	b Min
<b>KCM AL422</b>	12.70	2 x 2	1.5	10.1	3.97	3.93	6.13	16.7(1,700)	0.34	4.00	6.35	5.72	3.04	3.39	9.82	3.39
<b>KCM AL444</b>		4 x 4				6.98	9.18	33.3(3,400)	0.68				9.47			
<b>KCM AL466</b>		6 x 6				10.05	12.25	50.0(5,100)	1.03				15.90			
<b>KCM AL522</b>	15.875	2 x 2	2.0	12.6	5.09	5.2	7.15	27.5(2,800)	0.61	5.12	7.94	7.14	4.03	4.44	12.91	4.44
<b>KCM AL544</b>		4 x 4				9.3	11.25	54.9(5,600)	1.18				12.50			
<b>KCM AL566</b>		6 x 6				13.4	15.35	82.4(8,400)	1.76				20.97			
<b>KCM AL644</b>	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
<b>KCM AL666</b>		6 x 6				16.13	18.83	114.7(11,700)	2.53				24.65			
<b>KCM AL844</b>		4 x 4				14.43	17.53	129.4(13,200)	2.92				19.80			
<b>KCM AL866</b>	6 x 6	20.93	24.03	194.2(19,800)	4.35	33.20										
<b>KCM AL1044</b>	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
<b>KCM AL1066</b>		6 x 6				26.8	29.75	294.2(30,000)	6.94				41.05			
<b>KCM AL1244</b>		4 x 4				22.1	25.5	282.4(28,000)	6.70				29.30			
<b>KCM AL1266</b>	6 x 6	31.9	35.3	423.6(43,200)	9.99	49.10										
<b>KCM AL1444</b>	44.45	4 x 4	4.8	30.0	11.11	25.88	29.88	372.7(38,000)	9.48	11.14	19.05	17.14	34.46	12.10	35.38	12.10
<b>KCM AL1466</b>		6 x 6				37.38	41.38	559.0(57,000)	14.17				57.74			
<b>KCM AL1644</b>		4 x 4				29.55	34.25	470.7(48,000)	12.26				39.09			
<b>KCM AL1666</b>	6 x 6	42.75	47.45	706.1(72,000)	18.32	65.49										

**NOTES:**

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