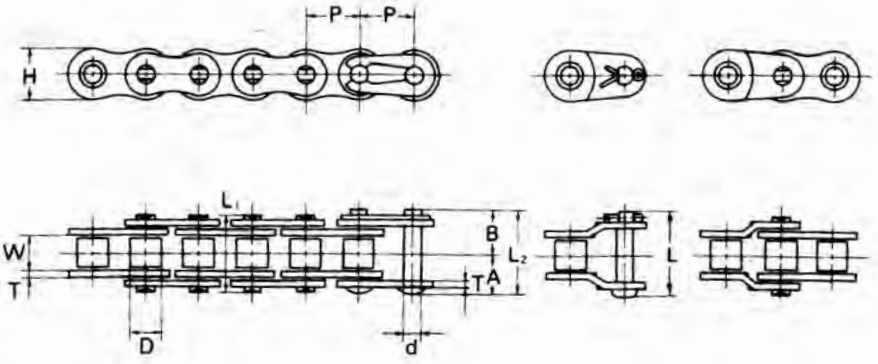
Motorcycle Chain

Semi-standard roller chain has narrower width (L1 and L2), and smaller size that those of standard type.
The semi-standard is suited for use in limited space.



Dimensions (millimeters)

KCM Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin						Link plate		Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)	Links of 1 unit
				Diameter d	A	B	(A+A) L_1	(A+B) L_2	Offset L	Thick-ness T	Height H				
KCM 415	12.70	4.76	7.75	3.64	5.50	6.90	11.00	12.40	12.95	1.1	9.5	1,000(9.81)	220(2.16)	0.34	240
KCM 415S	12.70	4.76	7.77	3.97	6.40	7.90	12.80	14.30	15.70	1.5	11.7	1,850(18.14)	380(3.73)	0.51	240
KCM 420	12.70	6.35	7.77	3.97	7.20	8.70	14.40	15.90	17.30	1.5	11.7	1,850(18.14)	380(3.73)	0.55	240
KCM 428	12.70	7.95	8.50	4.51	8.05	9.55	16.10	17.60	19.00	1.5	11.7	1,900(18.63)	400(3.92)	0.64	240
KCM 520	15.875	6.35	10.16	5.09	8.47	9.93	16.95	18.40	19.65	2.0	14.6	3,050(29.91)	650(6.37)	0.89	192
KCM 525	15.875	7.95	10.16	5.09	9.28	10.72	18.55	20.00	21.25	2.0	14.6	3,050(29.91)	650(6.37)	0.95	192
KCM 630	19.05	9.53	11.91	5.96	11.15	12.65	22.30	23.80	—	2.4	17.5	4,200(41.19)	900(8.83)	1.37	160

NOTES: • Use the exclusively designed sprocket.

The KCM motorcycle chains are developed to improve fatigue strength and wear resistance, and manufactures under stringent quality control.

Standard Type

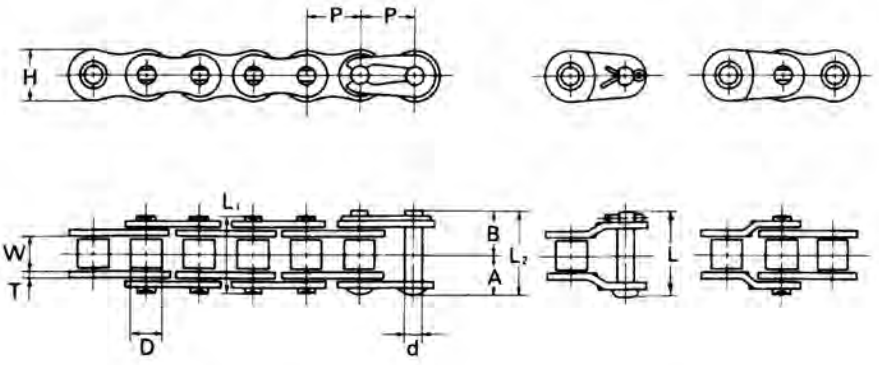
Dimensions (millimeters)

KCM Chain Number	Pitch P	Width between inner plates W	Roller diameter D	Pin				Link plate		Average Tensile strength kgf (kN)	Maximum Allowable Load kgf (kN)	Approx weight (kg/m)
				Diameter d	B	L_1	L_2	Thick-ness T	Height H			
KCM 415 S	12.70	4.80	7.77	3.97	7.90	12.80	14.30	1.5	11.7	1,850(18.1)	380(3.73)	0.51
KCM 420	12.70	6.35	7.77	3.97	8.70	14.40	15.90	1.5	11.7	1,850(18.1)	380(3.73)	0.55
KCM 428	12.70	7.95	8.50	4.51	9.55	16.10	17.60	1.5	11.7	1,900(18.6)	400(3.92)	0.64
KCM 520	15.875	6.35	10.16	5.09	9.95	16.95	18.40	2.0	14.6	3,050(29.9)	650(6.37)	0.89
KCM 525	15.875	7.95	10.16	5.09	10.75	18.55	20.00	2.0	14.6	3,050(29.9)	650(6.37)	0.95
KCM 530	15.875	9.53	10.16	5.09	11.60	20.30	21.75	2.0	14.6	3,050(29.9)	650(6.37)	1.01
KCM 428H	12.70	7.95	8.50	4.51	10.55	18.10	19.60	2.0	11.7	2,300(22.6)	450(4.41)	0.77
KCM 520H	15.875	6.35	10.16	5.09	10.75	18.55	20.00	2.4	14.6	3,700(36.3)	740(7.26)	1.03
KCM 525H	15.875	7.95	10.16	5.09	11.55	20.15	21.60	2.4	14.6	3,700(36.3)	740(7.26)	1.07
KCM 530H	15.875	9.53	10.16	5.09	12.45	21.95	23.40	2.4	14.6	3,700(36.3)	740(7.26)	1.15

NOTE: Fatigue strength is not applied to joint.

Motorcycle Chain

KCM 410 and roller chains are mainly used for bicycles, but, teamed with special attachment, applicable to light-duty use such as for power transmission, transfer and relayed transmission in vending machines, etc.



Dimensions (millimeters)

Chain Number		Pitch	Width between inner plates	Roller diameter	Pin						Link plate		Average Tensile strength	Approx weight
K.C.M	JIS	P	W	D	Diameter d	A	B	(A+A) L_1	(A+B) L_2	Offset L	Thick-ness T	Height H	kgf (kN)	(kg/m)
KCM 475	1/2×3/32		2.40			3.98		7.95			1.0		1,000 (9.81)	0.25
KCM 410	1/2×1/8	12.70	3.40	7.75	3.64	4.65	6.05	9.30	10.70	11.25	1.0	9.5	1,000 (9.81)	0.28

NOTE: KCM475 Connecting links and offset links are not available.