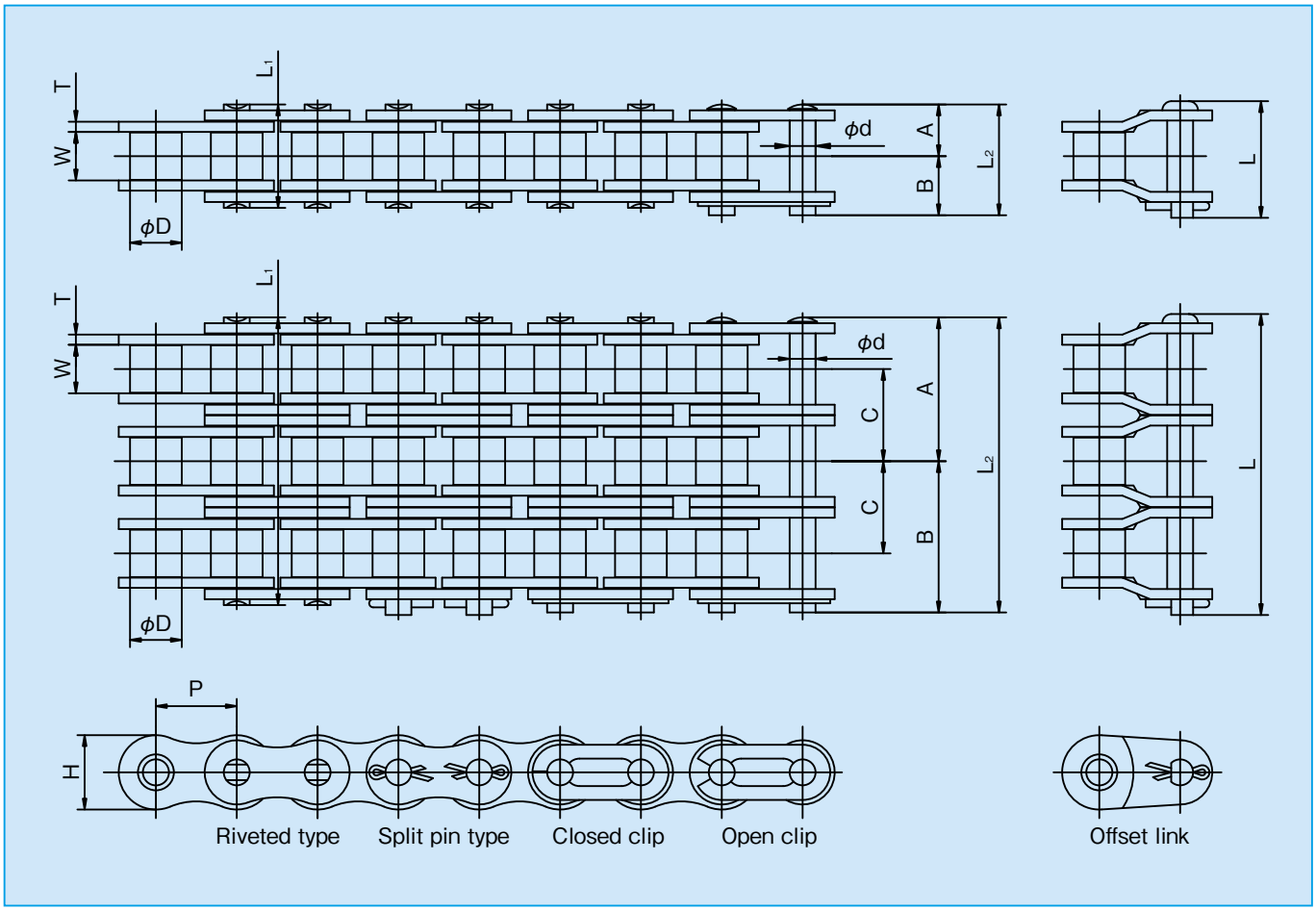
STANDARD ROLLER CHAINS

12 types of KCM standard roller chains, conforming to JIS and ANSI, are available.



○ Dimensions [Unit: mm]

Chain No.		Pitch	Width between Inner Plates	Roller Dia.	Pin						Link Plate		JIS Tensile strength kN (kgf)	Ave. Tensile Strength kN (kgf)	Max. Allowable Load kN (kgf)	Approx. Weight (kg/m)	Links of 1 unit
KCM	JIS & ANSI	P	W	D	Dia. d	A	B	(A+A) L_1	(A+B) L_2	Offset L	Thickness T	Height H					
25	25	6.35	3.18	*3.30	2.31	3.80	4.80	7.60	8.60	—	0.75	5.8	3.5(357)	4.4(450)	0.64(65)	0.13	480
35	35	9.525	4.78	*5.08	3.59	5.70	7.10	11.40	12.80	13.65	1.25	8.8	7.9(806)	10.8(1,100)	2.16(220)	0.33	320
41	41	12.70	6.38	7.77	3.59	6.52	7.93	13.05	14.45	14.95	1.25	9.5	6.7(683)	11.8(1,200)	2.26(230)	0.40	240
40	40	12.70	7.95	7.92	3.97	8.02	9.53	16.05	17.55	18.95	1.5	11.7	13.9(1,417)	18.1(1,850)	3.63(370)	0.61	240
50	50	15.875	9.53	10.16	5.09	10.15	11.60	20.30	21.75	23.00	2.0	14.6	21.8(2,223)	29.9(3,050)	6.37(650)	1.01	192
60	60	19.05	12.70	11.91	5.96	12.65	14.15	25.30	26.80	29.45	2.4	17.5	31.3(3,192)	41.2(4,200)	8.83(900)	1.49	160
80	80	25.40	15.88	15.88	7.94	16.10	19.20	32.15	35.25	36.90	3.2	23.0	55.6(5,670)	72.6(7,400)	14.71(1,500)	2.50	120
100	100	31.75	19.05	19.05	9.54	20.10	23.05	40.20	43.15	45.05	4.0	28.9	87.0(8,872)	112.8(11,500)	22.56(2,300)	3.85	96
120	120	38.10	25.40	22.23	11.11	25.20	28.60	50.40	53.80	55.90	4.8	35.0	125.0(12,746)	156.9(16,000)	30.40(3,100)	5.66	80
140	140	44.45	25.40	25.40	12.71	27.30	31.30	54.60	58.60	60.50	5.6	40.7	170.0(17,335)	210.8(21,500)	40.21(4,100)	7.19	68
160	160	50.80	31.75	28.58	14.29	32.45	37.15	64.90	69.60	71.85	6.4	46.7	223.0(22,740)	269.7(27,500)	52.96(5,400)	9.63	60
200	200	63.50	38.10	39.68	19.85	39.65	46.65	79.30	86.30	89.20	8.0	58.4	347.0(35,384)	470.7(48,000)	71.59(7,300)	15.97	48

NOTES: - KCM25 offset link is 2-pitch type.
- Asterisk (*) implies bush diameter.
- Connecting links of KCM25 to KCM60 are clip type (Both open and closed types are available for 40, 50, and 60).
- Connecting links of KCM 80 or larger models are split pin type.