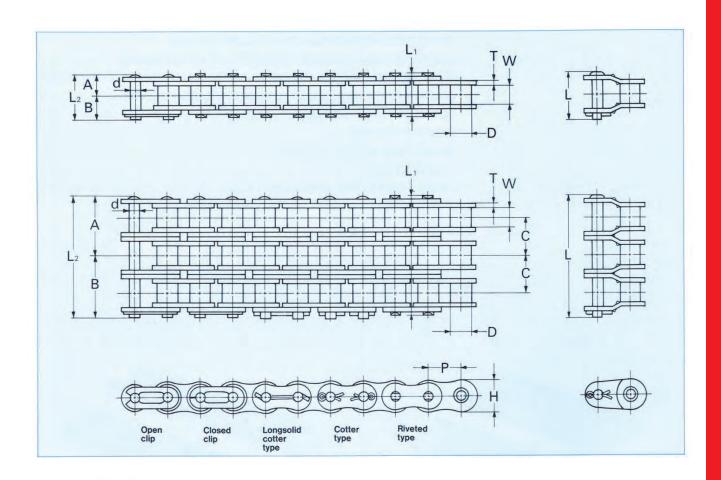


ANSI Standard Roller Chain

13 types of KCM standard rollers, conforming to JIS and ANSI, chains are available.



Dimensions (millimeters)

Chain No.		Pitch	Width between	Roller	Pin						Link plate		JIS&ANSI	Average Tensile	Maximum Allowable	Approx	LIIIKS
ксм	JIS& ANSI	P		diameter	Diameter d	А	В	(A+A) L ₁	(A + B) L ₂	Offset L	Thick- ness T	Height H	Tensile strength kgf (kN)	strength kgf (kN)	Load kgf (kN)	weight (kg/m)	of I unit
25 25		6.35	3.18	*3.30	2.31	3.80	4.80	7.60	8.60		0.75	5.8	357(3.5)	450(4.4)	65(0.64)	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	806(7.9)	1,100(10.8)	220(2.16)	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	683(6.7)	1,200(11.8)	230 (2.26)	0.40	240
40	40	12.70	7.95	7.95	3.97	8.02	9.53	16.05	17.55	18.95	1.5	11.7	1,407(13.8)	1,850(18.1)	370(3.63)	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	2,223(21.8)	3,050(29.9)	650(6.37)	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	3,172(31.1)	4,200(41.2)	900(8.83)	1.49	160
80	80	25.40	15.88	15.88	7.94	16.07	19.18	32.15	35.25	36.90	3.2	23.0	5,670(55.6)	7,400(72.6)	1,500(14.71)	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	8,841 (86.7)	11,500(112.8)	2,300(22.56)	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	12,706(124.6)	16,000(156.9)	3,100(30.40)	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	17,233(169.0)	21,500(210.8)	4,100(40.21)	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	22,678(222.4)	27,500(269.7)	5,400(52.96)	9.63	60
200	200	63.50	38.10	39.68	19.86	39.65	46.65	79.30	86.30	89.20	8.0	58.4	35,384(347.0)	48,000(470.7)	7.300(71.59)	15.97	48
240	240	76.20	47.63	47.63	23.81	48.20	55.60	96.40	103.80	107.00	9.5	72.4	51,027(500.4)	70,000(686.5)	10,100(99.05)	24.50	40

NOTES: - KCM 25 offset link is 2-pitch type.
- Asterisk (*) implies bush diameter.
- Connecting links of KCM 25 to KCM 60 are clip type. (Both open and closed clips are available.)
- Connecting links of KCM 80 or larger models are split pin type.

ANSI Standard Roller Chain (Multiple Strand Type)



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

Chain	JIS& ANSI	Pitch P	Width between inner plates W	diameter	Pin							plate	Trans- verse	JIS&ANSI Tensile	Average Tensile	Maximum Allowable	Approx	LIIIK
					Diameter d	A	В	(A+A) L ₁	(A+B) L ₂	Offset	Thick- ness T	Height H	pitch C	strength kgf (kN)	strength kgf (kN)	Load kgf (kN)	weight (kg/m)	I um
25-2	25-2	C 25	2.10		0.01	7.00	8.00	14.00	15.00		0.75			714(7.0)	900(8.8)	110(1.08)	0.26	400
25-3	25-3	6.35	3.18	*3.30	2.31	10.20	11.20	20.40	21.40		0.75	5.8	6.4	1,071(10.5)	1,350(13.2)	160(1.57)	0.39	480
35-2	35-2	0 525	5 4.78	*5.08	3.59	10.75	12.15	21.50	22.90	23.75	. 25	8.8	10.1	1,612(15.8)	2,200(21.6)	370(3.63)	0.64	
35-3	35-3	9.525	4.76			15.80	17.20	31.60	33.00	33.85	1.25			2,418(23.7)	3,300(32.4)	550(5.39)	0.95	320
40-2	40-2					15.22	16.73	30.45	31.95	33.35				2,814(27.6)	3,700(36.3)	630(6.17)	1.19	
40-3	40-3	10.70	7.05	7.05	2 07	22.42	23.93	44.85	46.35	47.75		11.7	14.4	4,221(41.4)	5,550(54.4)	930(9.11)	1.79	
40-4	40-4	12.70	7.95	7.95	3.97	29.62	31.13	59.25	60.75	62.15	1.5	11.7	14.4	5,628(55.2)	7,400(72.6)	1,220(11.96)	2.38	24
40-5	40-5					36.82	38.33	73.65	75.15	76.55				7,035(69.0)	9,250(90.7)	1,440(14.12)	2.96	
50-2	50-2					19.20	20.65	38.40	39.85	41.10				4,446(43.6)	6,100(59.8)	1,100(10.79)	2.01	
50-3	50-3	15 075	0.52	10.10	F 00	28.25	29.70	56.50	57.95	59.20	0.0		10.1	6,669(65.4)	9,150(89.7)	1,620(15.89)	2.99	
50-4	50-4	15.875	875 9.53	10.16	5.09	37.30	38.75	74.60	76.05	77.30	2.0	14.6	18.1	8,892(87.2)	12,200(119.6)	2,150(21.08)	3.99	19
50-5	50-5					46.35	47.80	92.70	94.15	95.40				11,115(109.0)	15,250(149.6)	2,530(24.81)	4.99	
60-2	60-2					24.05	25.55	48.10	49.60	52.25				6,344(62.2)	8,400(82.4)	1,530(15.00)	2.95	
60-3	60-3					35.45	36.95	70.90	72.40	75.05				9,516(93.3)	12,600(123.5)	2,250(22,06)	4.41	
60-4	60-4	19.05	12.70	11.91	5.96	46.85	48.35	93.70	95.20	97.05	2.4	17.5	22.8	12,688(124.4)	16,800(164.6)	2,950(28.93)	5.83	16
60-5	60-5					58.25	59.75	116.50	118.00	119.85				15,860(155.5)	21,000(205,8)	3,500(34.32)	7.32	
60-6	60-6					69.65	71.15	139.30	140.80	142.65				19,032(186.6)	25,200(247.0)	4,150(40.70)	8.78	
80-2	80-2					30.72	33.83	61.45	64.55	66.20				11,340(111.2)	14,800(145.0)	2,550(25.01)	4.96	
80-3	80-3					45.37	48.48	90.75	93.85	95.50				17,010(166.8)	22,200(217.7)	3,750(36.77)	7.40	
80-4	80-4	25.40	15.88	15.88	7.94	60.02	63.13	120.05	123.15	124.00	3.2	23.0	29.3	22,680(222.4)	29.600(290.3)	4,950(48.54)	9.84	12
80-5	80-5					74.67	77.78	149.35	152.45	153.30		100		28,350(278.0)	37,000(362.8)	5,850(57.37)	12.29	
80-6	80-6					89.32	92.43	178.65	181.75	182.60				34,020(333.6)	44,400(435.4)	7,350(72.08)	14.73	
00-2	100-2					38.00	40.95	76.00	78.95	80.85				17,682(173.4)	23,000(225.6)	3,900(38.25)	7.62	
00-3	100-3					55.90	58.85	111.80	114.75	116.50				26,523(260.1)	34,500(338.3)	5,750(56.39)	11.38	9
00-4	100-4	31.75	19.05	19.05	9.54	73.80	76.75	147.60	150.55	151.75	4.0	28.9	35.8	35,364(346.8)	46,000(451.1)	7,550(74.04)	15.15	
00-5	100-5					91.70	94.65	183.40	186.35	187.55				44,205(433.5)	57,500(563.9)	8,950(87.77)	18.91	4
00-6	100-6					119.60	122.55	239.20	242.15	223.35				53,046(520.2)	69,000(676.7)	11,200(109.83)	22.68	
20-2	120-2					47.90	51.30	95.80	99.20	100.70				25,412(249.2)	32,000(313.8)	5,250(51.48)	11.21	8
20-3	120-3					70.60	74.00	141.20	144.60	146.10				38,118(373.8)	48,000(470.7)	7,750(76.00)	16.74	
20-4	120-4	38.10	25.40	22.23	11:11	93.30	96.70	186.60	190.00	191.50	4.8	35.0	45.4	50,824(498.4)	64,000(627.6)	10,200(100.03)	22.28	
20-5	120-5					116.00	119.40	232.00	235.40	236.90				63,530(623.0)	80,000(784.5)	4.5) 12,050(118.17)	27.83	4
20-6	120-6					138.70	142.10	277.40	280.80	282.30				76,236(747.6)	96,000(941.4)	15,150(148.57)	33.36	
40-2	140-2					51.75	55.75	103.50	107.50	108.95				34,466(338.0)	43,000(421.7)	6,970(68.31)	14.24	
40-3	140-3	44.45	25.40	25.40	12.71	76.20	80.20	152.40	156.40	157.85	5.6	40.7	48.9	51,699(507.0)	64,500(632.5)	10,250(100.52)	21.30	3
40-4	140-4					100.65	104.65	201.30	205.30	206.75				68,932(676.0)	86,000(843.4)	13,500(132.39)	28.33	
	160-2					61.70			128.10					45,356(444.8)	55,000(539.4)	9,150(89.73)	19.06	
60-3	160-3	50.80	31.75	28.58	14.29	90.95	95.65	181.90	186.60	188.85	6.4	46.7	58.5	68,034(667.2)	82,500(809.0)	13,500(132.39)	28.50	3
60-4						120.20			245.10					90,712(889.6)	110,000(1078.7)	17,800(174.56)	37.93	1
00-2	200-2					75.45	700 35		157.90					70,768(694.0)	96,000(94 .4)	12,400(121.60)	31.59	
200-3	200-3	63.50	38.10	39.68	19.85				229.50			58.4	71.6	106,152(1041.0)	144,000(1412.2)	18,250(178.97)	47.29	
	200-4								301.10					(41,536(1388.0)	192,000(1882.9)	24,050(235.85)	62.95	
	240-2								191.60					102,054(1000.8)	(40,000(1372.9)	17,150(168.18)	48.10	
	240-3	76.20	47.63	47.63	23.81				279.40			72.4	87.8	153,081(1501.2)	210,000(2059.4)	25,250(247.62)	71.61	
MA 21	240-4	-			18.17.0				367.20				1	204,108(2001.6)	280,000(2745.9)	33,300(326.56)	95.11	