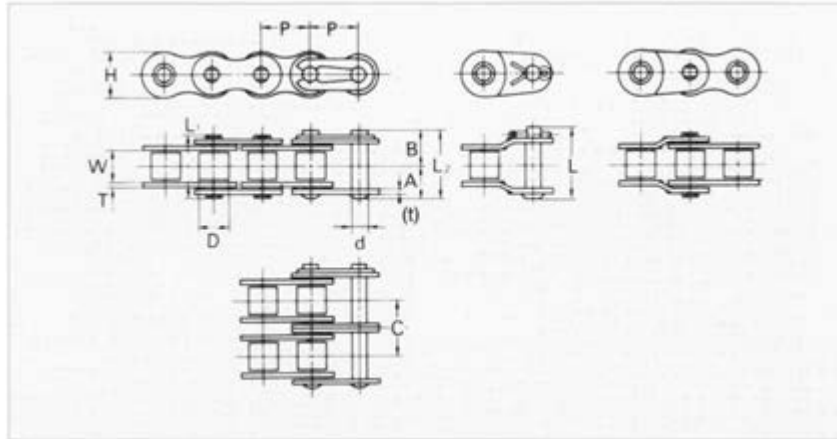


All KCM stainless steel (SS) chains are made of SUS304

(18 CR/8 Ni) austenite steel for use in operating environments requiring high thermal resistance (-20°C to 400°C), corrosion resistance and cleanliness. They can also be fitted with attachments for conveying purposes.

The chains are made of martensite and precipitation hardened stainless steel are available too.

Note: SUS304 stainless steel is almost non-magnetic, which is almost nil magnetic property equivalent to that of the air. The KCM stainless steel roller chains have slight magnetic property as a result of cold manufacturing.



JIS B1801 Stainless Roller Chains

KCM Chain No.	Pitch P	Width between Inner Plates W	Roller Dia. D	PIN						Link Plate		Transversion pitch C	Maximum Allowable Load KN (kgf)	Approx weight (kg/m)	Links of 1 Unit
				diameter d	A	B	(A+A) L1	(A+B) L2	Offset L	Thick-ness T	Width H				
25 SS	6.35	3.18	3.30	2.31	3.82	4.83	7.65	8.65	-	0.75	5.8	6.4	0.12(12)	0.14	480
35 SS	9.525	4.78	5.08	3.59	5.77	7.13	11.55	12.9	13.85	1.25	8.8	10.1	0.26(27)	0.33	320
40 SS	12.70	7.95	7.92	3.97	8.07	9.58	16.15	17.65	19.05	1.5	11.7	14.4	0.44(45)	0.63	240
40-2					15.27	16.78	30.55	32.05	33.45				0.76(77)		
50 SS	15.875	9.53	10.16	5.09	10.20	11.6	20.4	21.8	23.05	2.0	14.6	18.1	0.69(70)	1.04	192
60 SS	19.05	12.70	11.91	5.96	12.70	14.2	25.4	26.9	29.55	2.4	17.5	22.8	1.03(105)	1.5	160
60-2 SS					24.10	25.60	48.20	49.70	52.35				1.76(179)		
80 SS	25.40	15.88	15.88	7.94	16.15	19.25	32.3	35.4	37.1	3.2	23	29.3	1.77(180)	2.62	120

Dimensions (Millimeters)

ISO-B Stainless Roller Chains

KCM Chain No.	Pitch P	Width between Inner Plates W	Roller Dia. D	PIN						Link Plate		Transversion pitch C	Maximum Allowable Load KN (kgf)	Approx weight (kg/m)	Links of 1 Unit
				diameter d	A	B	(A+A) L1	(A+B) L2	Offset L	Thickness T	Width H				
05B SS	8	3	5	2.31	3.82	4.83	7.65	8.65	-	0.75	7.1	5.64	12 (0.12)	0.18	626
06B SS	9.525	5.72	6.35	3.28	6.1	7.6	12.20	13.70	15.15	1.3(1.0)	8.1	10.24	27 (0.26)	0.39	320
06B SS-2					11.22	12.73	22.45	23.95	25.40				46 (0.45)		
08B SS	12.70	7.75	8.51	4.45	8.17	9.58	16.35	17.75	19.30	1.5	11.7	13.92	45 (0.44)	0.65	240
08B SS-2					15.12	16.53	30.25	31.65	33.20				77 (0.76)		
10B SS	15.875	9.65	10.16	5.08	9.58	11.02	19.15	20.60	21.95	1.65	14.6	16.59	70 (0.70)	0.94	192
10B SS-2					17.87	19.33	35.75	37.20	38.55				119 (1.17)		
12B SS	19.05	11.68	12.07	5.72	11.05	12.55	22.10	23.60	26.30	1.8	16.0	19.46	105 (1.00)	1.25	160
16B SS	25.40	17.02	15.58	8.28	17.6	20.7	35.20	38.30	41.65	4.0(3.2)	19.7	31.88	180 (1.77)	2.63	120

Dimensions (Millimeters)