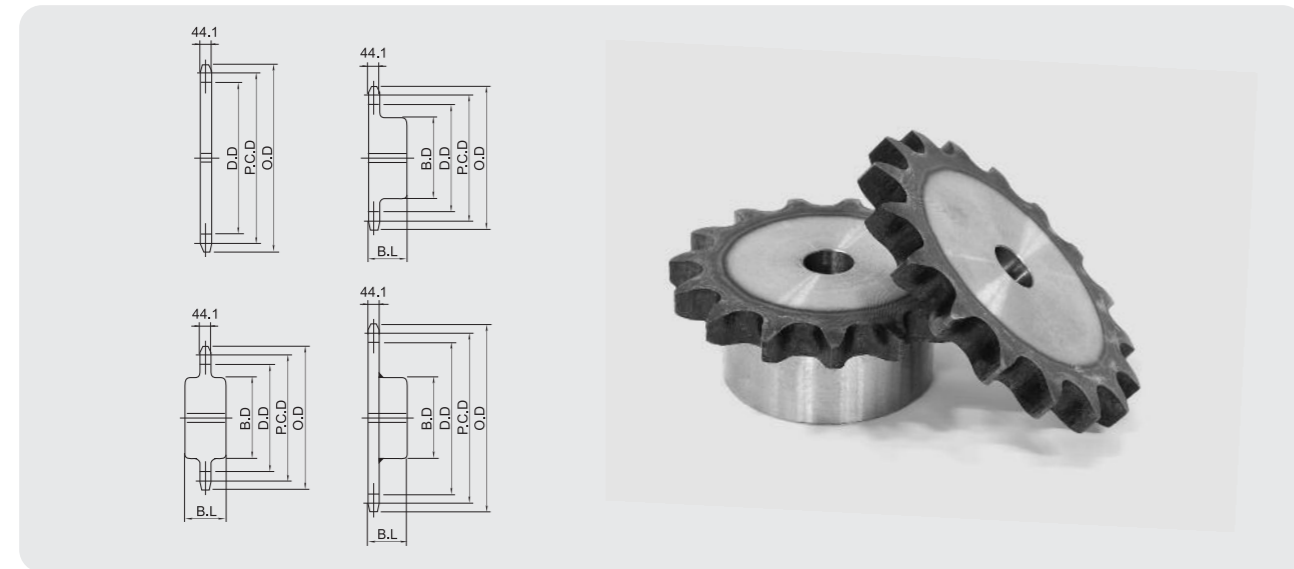


MS 240 로울러 체인 스프라켓 (Roller chain sprocket)

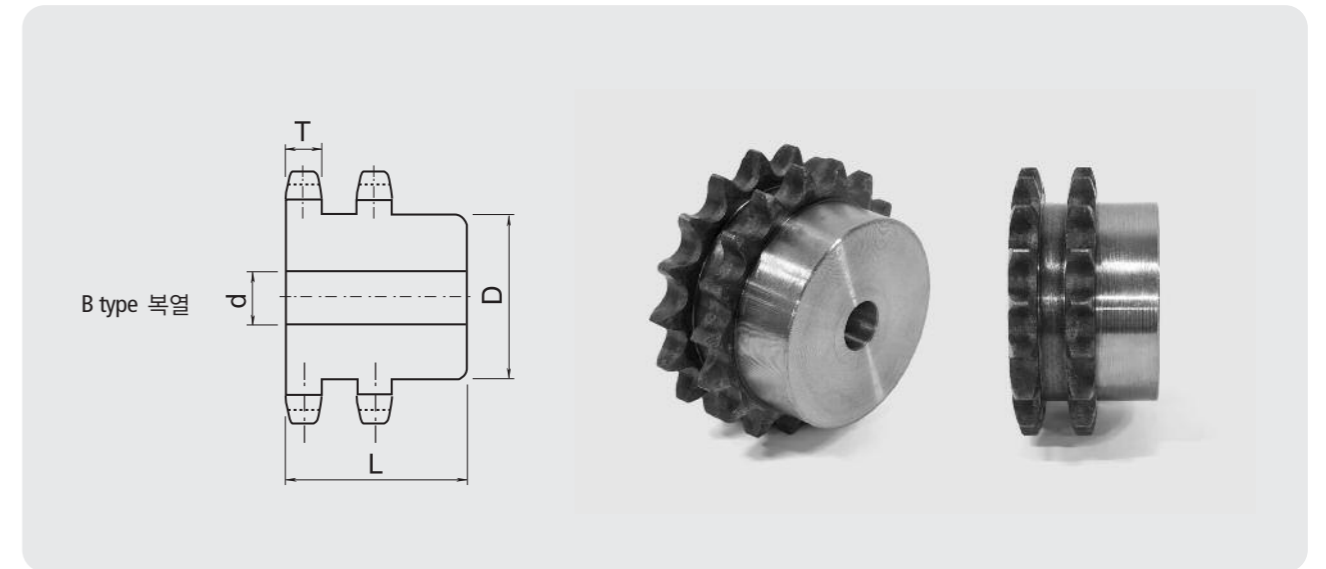


(단위:mm)

잇 수 NT	외 경 O.D	피치원 지름 P.C.D	이뿌리원 지름 D.D	최대보스 지름 B.D	재 질 Material	잇 수 NT	외 경 O.D	피치원 지름 P.C.D	이뿌리원 지름 D.D	최대보스 지름 B.D	재 질 Material
11	305	270.47	222.84	183		51	1281	1237.80	1190.17	1158	
12	330	294.41	246.78	207		52	1305	1262.04	1214.41	1183	
13	355	318.41	270.48	232		53	1330	1286.28	1238.65	1207	
14	380	342.44	294.81	257		54	1354	1310.52	1262.89	1231	
15	404	366.50	318.87	282		55	1378	1334.76	1287.13	1256	
16	429	390.59	342.96	306		56	1430	1359.00	1311.37	1280	
17	453	414.70	367.07	331		57	1427	1383.25	1335.62	1304	
18	478	438.82	391.19	355		58	1451	1407.49	1359.86	1328	
19	502	462.95	415.32	380		59	1475	1431.74	1384.11	1353	
20	527	487.11	439.48	404		60	1500	1455.98	1408.35	1377	
21	551	511.26	463.63	429		61	1524	1480.22	1432.59	1401	
22	576	535.43	487.80	453		62	1548	1504.47	1456.84	1426	
23	600	559.61	511.98	477		63	1573	1528.71	1481.08	1450	
24	625	583.79	536.16	502		64	1597	1552.96	1505.33	1474	
25	649	607.98	560.35	526		65	1621	1577.20	1529.57	1498	
26	673	632.17	584.54	551		66	1645	1601.45	1553.82	1523	
27	698	656.37	608.74	575		67	1670	1625.70	1578.07	1542	
28	722	680.57	632.94	599		68	1694	1649.94	1602.31	1571	
29	746	704.78	657.15	624		69	1718	1674.19	1626.56	1595	
30	771	728.99	681.36	648		70	1742	1698.44	1650.81	1620	
31	795	753.20	705.57	672		71	1767	1722.68	1675.05	1644	
32	819	777.42	729.79	697		72	1791	1746.93	1699.30	1668	
33	844	801.63	754.00	721		73	1815	1771.18	1723.55	1693	
34	868	825.86	778.23	745		74	1840	1795.42	1747.79	1717	
35	892	850.07	802.44	770		75	1864	1819.67	1772.04	1741	
36	917	874.30	826.67	794		76	1888	1843.92	1796.29	1765	
37	941	898.52	850.89	818		77	1912	1868.17	1820.54	1790	
38	965	922.75	875.12	843		78	1937	1892.42	1844.79	1814	
39	990	946.98	899.35	867		79	1961	1916.67	1869.04	1838	
40	1014	971.21	923.58	891		80	1985	1940.91	1893.28	1862	
41	1038	995.44	947.81	916		81	2009	1965.17	1917.54	1887	
42	1063	1019.67	972.04	940		82	2034	1989.41	1941.78	1911	
43	1087	1043.90	996.27	964		83	2058	2013.67	1966.04	1935	
44	1111	1068.13	1020.50	988		84	2082	2037.67	1990.29	1960	
45	1135	1092.37	1044.74	1013		85	2106	2062.16	2014.53	1984	
46	1160	1116.60	1068.97	1037		86	2131	2086.41	2038.78	2008	
47	1184	1140.84	1093.21	1061		87	2155	2110.66	2063.03	2032	
48	1208	1165.08	1117.45	1086		88	2179	2134.91	2087.28	2057	
49	1233	1189.32	1141.69	1110		89	2204	2159.17	2111.54	2081	
50	1257	1213.56	1165.93	1134		90	2228	2183.41	2135.78	2105	

주) 1. 최대 축경은 일반적인 경우를 나타내고 있으므로 결정 시에는 일반기계설계 기준으로 결정해 주십시오. 단, 키의 면압에 관해서도 같은 식으로 결정 바랍니다.

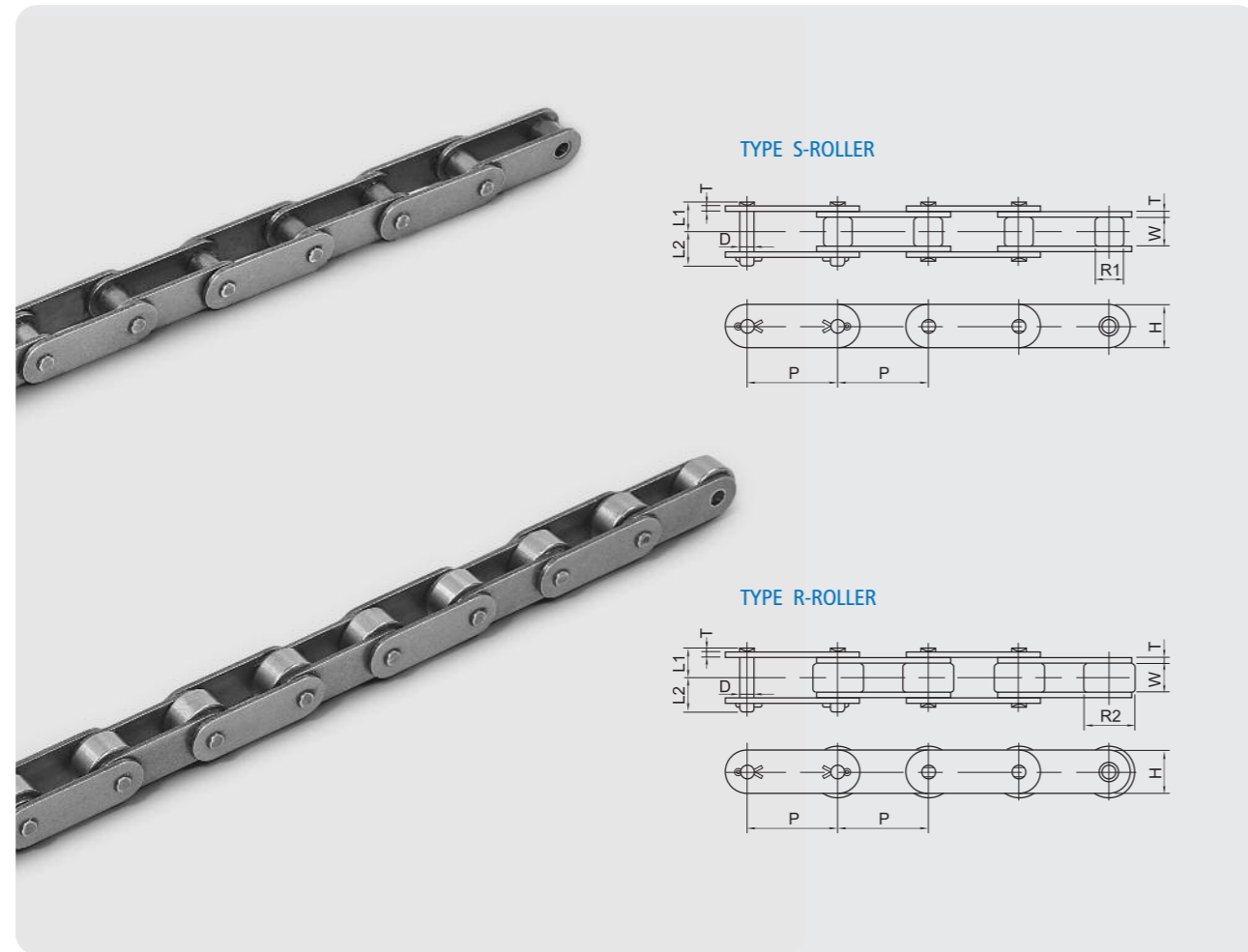
MS 더블 스프라켓 (Double sprocket)



(단위:mm)

잇 수	SP 35 × 2			SP 40 × 2			SP 50 × 2			SP 60 × 2			SP 80 × 2			SP 100 × 2			SP 120 × 2		
	치폭 T 4.1			치폭 T 7.0			치폭 T 8.4			치폭 T 11.3			치폭 T 14.1			치폭 T 17.0			치폭 T 22.7		
	D 보스경	L 전 장	d 드릴경	D 보스경	L 전 장	d 드릴경	D 보스경	L 전 장	d 드릴경	D 보스경	L 전 장	d 드릴경	D 보스경	L 전 장	d 드릴경	D 보스경	L 전 장	d 드릴경	D 보스경	L 전 장	d 드릴경
10	23	35	8	28	45	10	35	45	12	42	55	12	57	65	16	70	85	25	85	110	25
11	26	35	8	32	45	10	40	45	12	48	55	12	65	65	16	80	85	25	97	120	25
12	29	35	8	36	45	12	45	45	12	54	55	16	73	65	16	90	85	25	109	120	25
13	30	35	10	40	45	12	50	45	12	60	55	16	81	65	16	100	85	25	121	120	25
14	33	35	10	43	45	12	55	45	12	66	55	16	89	65	16	110	85	25	133	120	25
15	35	35	10	46	45	12	60	45	16	72	55	16	97	65	16	120	85	25	145	120	25
16	38	35	12	50	45	12	65	50	16	78	60	19	102	70	19	130	85	25	157	120	25
17	40	35	12	54	45	12	70	50	16	84	60	19	110	70	19	140	85	25	157	120	25
18	44	35	12	57	45	12	75	50	16	90	60	19	120	70	19	140	100	25	157	120	25
19	46	35	12	60	45	16	80	50	16	96	60	19	127	70	19	150	100	25	157	120	25
20	50	35	12	66	50	16	85	50	16	102	60	19	135	70	25	150	100	25	157	120	25
21	53	40	12	70	50	16	86	50	16	108	60	19	110	85	25	150	100	25	157	120	25
22	55	40	12	74	50	16	93	50	16	108	60	19	120	85	25	150	100	25	157	120	25
23	57	40	16	78	50	16	95	50	16	108	60	19	120	85	25	150	100	25	157	120	25
24	60	40	16	80	50	16	95	50	16	108	60	19	120	85	25	150	100	25	157	120	25
25	63	40	16	85	50	16	95	50	16	108	60	19	140	85	25	150	100	25	157	120	25
26	65	40	16	78	50	16	98	55	19	108	65	25	140	85	25	150	100	25	167	120	32
27	70	40	16	78	50	16	98	55	19	108	65	25	140	85	25	150	100	25			
28	72	40	16	78	50	16	98	55	19	108	65	25	150	85	25	150	100	25			
29	74	40	16	78	50	16	98	55	19	108	65	25	150	85	25	150	100	25			
30	76	40	16	78	50	16	98	55	19	108	65	25	150	85	25	150	100	25			
31	70	45	16	85	55	19	98	55	19	108	65	25	147	85	25						
32	70	45	16	85	55	19	98	55	19	108	65	25	147	85	25						
33	70	45	16	85	55	19	98	55	19	108	65	25	147	85	25						
34	70	45	16	85	55	19	98	55	19	108	65	25	147	85	25						
35	70	45	16	85	55	19	98	55	19	108	65	25	147	85	25						
36	70	45	19	85	55	19	98	55	25	108	65	25	147	85	25						
37	70	45	19	85	55	19	98	55	25	108	65	25	147	85	25						
38	70	45	19	85	55	19	98	55	25	108	65	25	147	85	25						
39	70	45	19	85	55	19	98	55	25	108	65	25	147	85	25						
40	70	45	19	85	55	19	98	55	25	108	65	25	147	85	25						

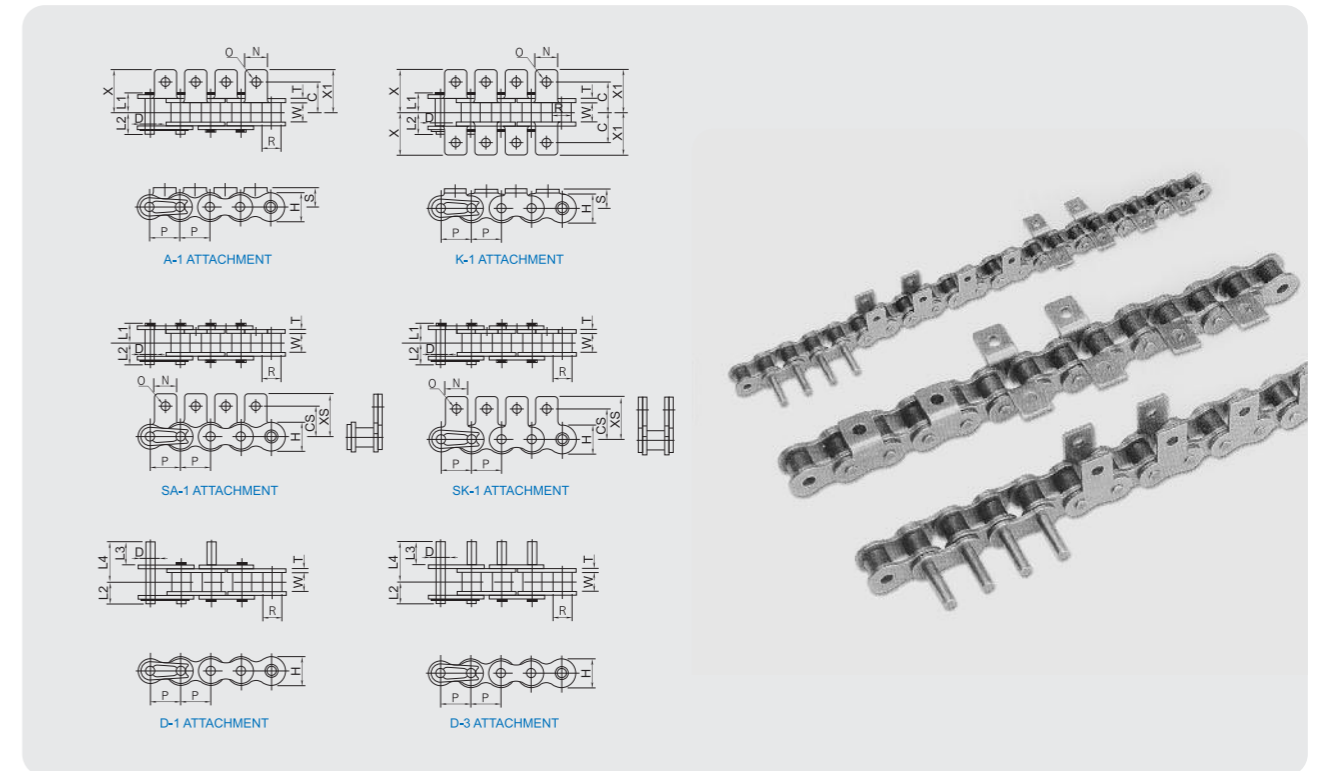
MS 더블피치 체인 (Double pitch chain)



(단위:mm)

체인번호 Chain No.	피치 P	내 폭 W	로울러외경		핀 Pin			플레이트 Plate		평균 파단하중 (Kgf)	최대 허용하중 (Kgf)	개략중량		단위당 링크수
			S-ROLLER R1	R-ROLLER R2	L1	L2	D	H	T			S-ROLLER (Kg/m)	R-ROLLER (Kg/m)	
MS 2040	25.40	7.85	7.94	15.88	8.25	9.95	3.96	12.0	1.5	1,700	270	0.51	0.87	120
MS 2050	31.75	9.40	10.16	19.05	10.30	12.0	5.08	15.0	2.0	2,800	440	0.84	1.30	96
MS 2060	38.10	12.57	11.91	22.23	14.55	16.55	5.94	18.1	3.2	4,100	640	1.51	2.19	80
MS 2080	50.80	15.75	15.88	28.58	18.30	20.90	7.92	24.1	4.0	7,000	1,090	2.66	3.68	60
MS 2100	63.50	18.90	19.05	39.67	21.80	24.50	9.53	30.1	4.8	11,000	1,740	3.99	6.30	48
MS 2120	76.20	25.22	22.23	44.45	26.95	30.55	11.1	36	5.6	15,400	2,440	5.35	8.60	40
MS 2160	101.6	31.55	28.58	57.15	33.95	38.45	14.27	48.0	7.2	26,300	4,170	9.42	11.79	30

MS 표준형 어태치먼트 체인 (Standard attachment chain)

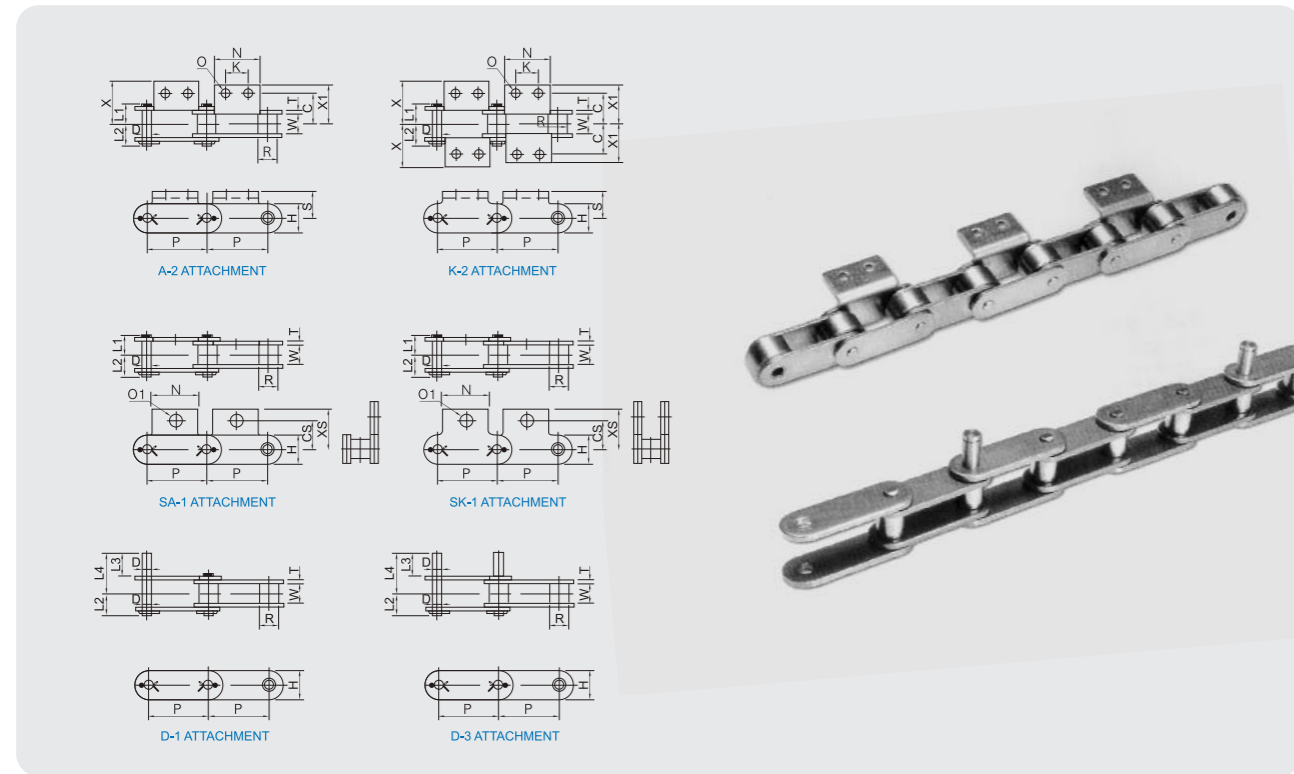


(단위:mm)

체인번호 Chain No.	피치 P	내 폭 W	로울러경 R	핀 Pin			플레이트 Plate		개략중량 (Kg/M)	단위당 링크수
				D	L1	L2	H	T		
MS 25	6.35	3.10	3.30	2.31	3.80	4.8	6.0	0.75	0.14	480
MS 35	9.525	4.68	5.08	3.58	5.85	6.85	8.7	1.25	0.33	320
MS 40	12.70	7.85	7.92	3.96	8.25	9.95	12.0	1.5	0.64	240
MS 50	15.875	9.40	10.16	5.08	10.3	12.0	15.0	2.0	1.04	192
MS 60	19.05	12.57	11.91	5.94	12.85	14.75	18.1	2.4	1.53	160
MS 80	25.40	15.75	15.88	7.92	16.25	19.25	24.1	3.2	2.66	120
MS 100	31.75	18.90	19.05	9.53	19.75	22.85	30.1	4.0	3.99	96
MS 120	38.10	25.22	22.23	11.1	24.90	28.90	36.0	4.8	5.93	80
MS 140	44.45	25.22	25.40	12.71	26.90	31.70	42.0	5.6	7.49	68
MS 160	50.80	31.55	28.58	14.27	31.85	36.85	48.0	6.4	10.10	60

체인번호 Chain No.	어태치먼트 Attachment										Attachment 1 개당 부가중량 (Kg)		
	C	CS	N	O	S	X	X1	XS	L3	L4	A.SA	K.SK	D-1
MS 25	7.15	7.95	5.6	3.4	4.75	10.7	10.7	11.65	-	-	0.0003	0.0006	-
MS 35	9.5	9.5	7.9	3.4	6.35	14.3	14.3	14.55	9.5	14.6	0.0008	0.0016	-
MS 40	12.7	12.7	9.5	3.6	8.0	17.8	17.8	17.40	9.5	16.8	0.002	0.004	0.0008
MS 50	15.9	15.9	12.7	5.2	10.3	23.4	23.4	23.05	11.9	21.0	0.003	0.006	0.0017
MS 60	19.05	18.3	15.9	5.2	11.9	28.2	28.2	26.85	14.3	25.85	0.007	0.014	0.0030
MS 80	25.4	24.6	19.1	6.8	15.9	36.6	36.6	35.45	19.1	33.9	0.013	0.026	0.0070
MS 100	31.75	31.8	25.4	8.7	19.8	44.9	44.9	44.00	23.8	41.85	0.026	0.052	0.0120
MS 120	38.1	36.5	28.6	10.3	23.0	55.8	51.2	52.85	28.6	51.4	0.044	0.088	0.0200
MS 140	44.5	44.5	34.9	11.9	28.6	63.1	58.0	63.5	33.3	57.5	0.071	0.142	0.0300
MS 160	50.8	50.8	38.1	14.3	31.8	71.8	66.0	70.10	38.1	67.4	0.097	0.194	0.0440

MS 더블피치 어태치먼트 체인 (Double pitch attachment chain)

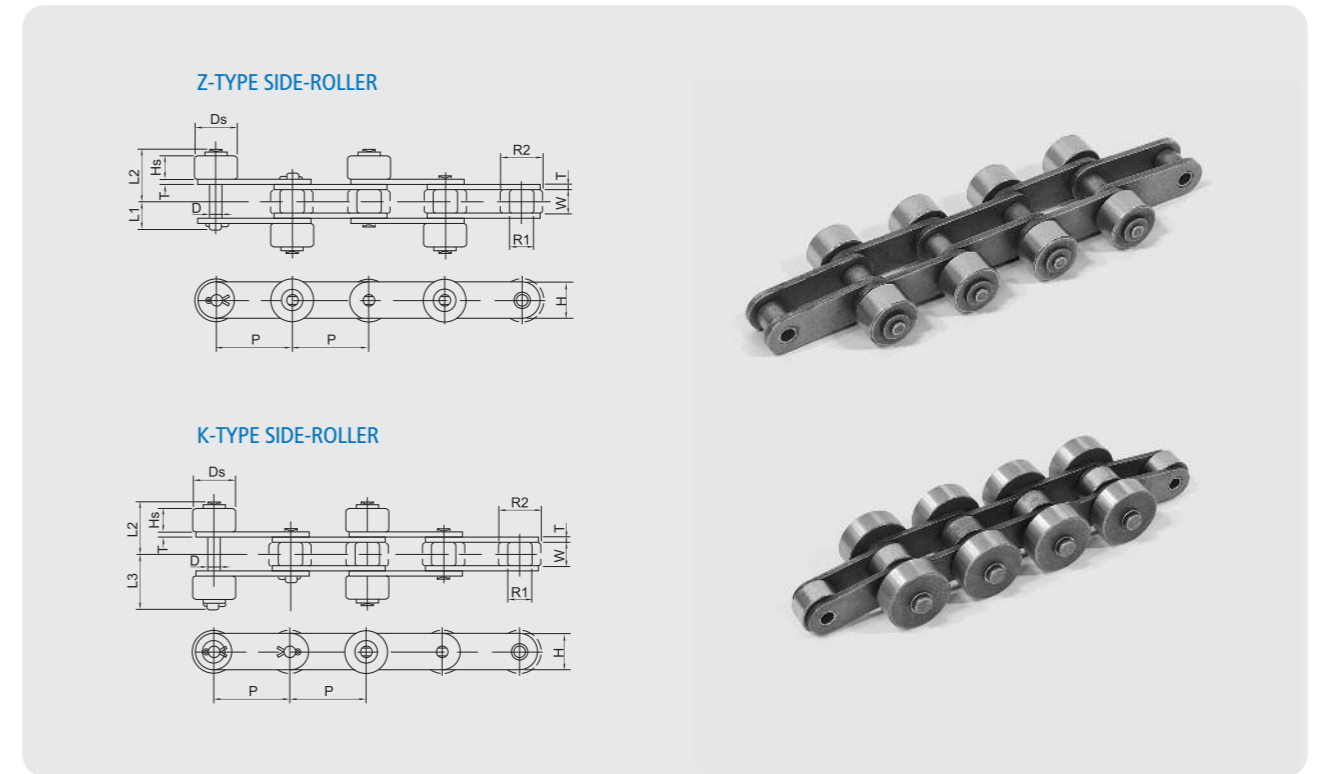


(단위:mm)

체인번호 Chain No.	피치 P	내 폭 W	로울러경		핀 Pin			플레이트 Plate		개략중량		단위당 링크수
			S-ROLLER R	R-ROLLER R	D	L1	L2	H	T	S-ROLLER (Kg/m)	R-ROLLER (Kg/m)	
MS 2040	25.40	7.85	7.94	15.88	3.96	8.25	9.95	12.0	1.5	0.51	0.87	120
MS 2050	31.75	9.40	10.16	19.05	5.08	10.30	12.0	15.0	2.0	0.84	1.30	96
MS 2060	38.10	12.57	11.91	22.23	5.94	14.55	16.55	18.1	3.2	1.51	2.19	80
MS 2080	50.80	15.75	15.88	28.58	7.92	18.30	20.9	24.1	4.0	2.66	3.68	60
MS 2100	63.50	18.90	19.05	39.67	9.53	21.80	24.5	30.1	4.8	3.99	6.30	48
MS 2120	76.20	25.22	22.23	44.45	11.10	26.95	30.55	36.0	5.6	5.35	8.60	40
MS 2160	101.60	31.55	28.58	57.15	14.27	33.95	38.45	48.0	7.2	9.42	11.79	30

체인번호 Chain No.	어태치먼트 Attachment												Attachment 1 개당 부가중량 (Kg)		
	C	CS	N	K	O	O1	S	X	X1	XS	L3	L4	A.SA	K.SK	D-3.1
MS 2040	12.7	11.1	19.1	9.5	3.6	5.2	9.1	19.3	17.6	19.8	9.5	16.85	0.003	0.006	0.0008
MS 2050	15.9	14.3	23.8	11.9	5.2	6.8	11.1	24.2	22.0	24.6	11.9	21.15	0.006	0.012	0.0017
MS 2060	21.45	17.5	28.6	14.3	5.2	8.7	14.7	31.5	28.2	30.6	14.3	27.50	0.017	0.034	0.0030
MS 2080	27.8	22.2	38.1	19.1	6.8	10.3	19.1	40.7	36.6	40.5	19.1	35.58	0.037	0.074	0.0070
MS 2100	33.35	28.6	47.6	23.8	8.7	14.3	23.4	49.9	44.9	50.4	23.8	43.58	0.067	0.134	0.0120
MS 2120	39.7	33.3	57.2	28.6	14.0	16.0	27.8	60.7	54.4	59.9	-	-	0.100	0.200	0.0200
MS 2160	52.39	44.45	76.2	38.1	16.1	19.5	36.5	79.0	71.0	78.6	-	-	0.213	0.426	-

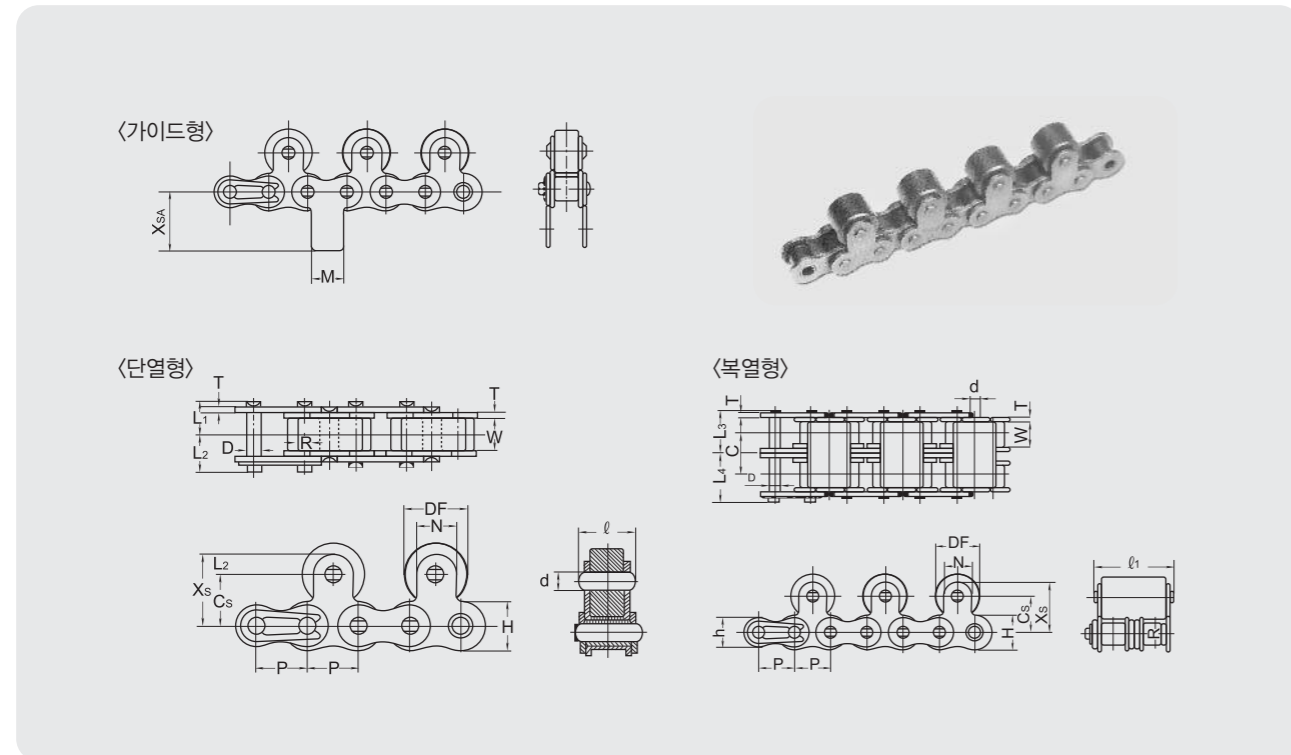
MS 더블피치 사이드 로울러 체인 (Double pitch side roller chain)



(단위:mm)

체인번호 Chain No.	피치 P	내 폭 W	로울러 외경 R	핀 Pin				플레이트 Plate		사이드로울러 Side Roller		사이드로울러 1개당 부가중량 (kg)		
				L1	L2	L3	D	H	T	Ds	Hs	Steel 로울러	수지 로울러	고무 로울러
MS 2040 SD	25.40	7.85	7.94	9.65	17.9	19.30	3.96	12.00	1.5	15.88	7.80	0.014	0.004	0.007
MS 2042 SD	25.40	7.85	15.88	9.65	17.9	19.30	3.96	12.00	1.5	23.00	7.80	0.029	0.007	0.016
MS 2050 SD	31.75	9.40	10.16	11.90	21.60	23.20	5.08	15.00	2.0	19.05	9.40	0.024	0.006	0.012
MS 2052 SD	31.75	9.40	19.05	11.90	21.60	23.20	5.08	15.00	2.0	27.00	9.40	0.050	0.013	0.030
MS 2060 SD	38.10	12.57	11.91	16.95	29.65	32.05	5.94	18.10	3.2	22.23	12.60	0.043	0.010	0.025
MS 2062 SD	38.10	12.57	22.23	16.95	29.65	32.05	5.94	18.10	3.2	30.00	12.60	0.077	0.019	0.049
MS 2080 SD	50.80	15.75	15.88	20.95	36.65	39.65	7.92	24.10	4.0	28.58	15.80	0.086	0.025	0.045
MS 2082 SD	50.80	15.75	28.58	20.95	36.65	39.65	7.92	24.10	4.0	38.10	15.80	0.150	0.038	0.095
MS 2100 SD	63.50	18.90	19.05	24.50	44.20	47.30	9.53	30.10	4.8	39.67	19.00	0.195	0.055	0.092
MS 2102 SD	63.50	18.90	39.67	24.50	44.20	47.30	9.53	30.10	4.8	50.80	19.00	0.32	0.072	0.205

MS 표준형 톱로울러 체인 (Standard top roller chain)

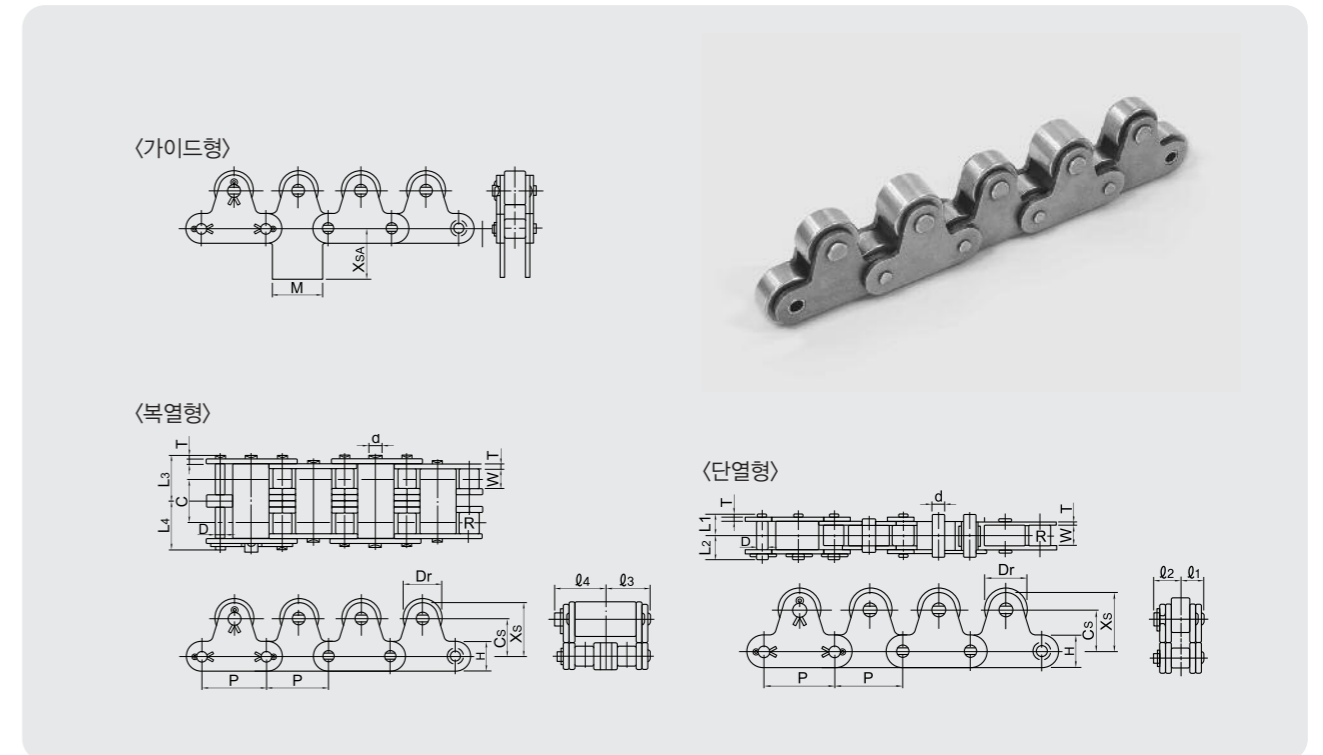


(단위:mm)

체인번호 Chain No.	피치 P	로울러 링크내폭 W	로울러 외경 R	핀					링크플레이트		횡피치 C	평균 파단강도 KN(kgf)	최대 허용하중 KN(kgf)
				D	L1	L2	L3	L4	H	T			
MS 40	12.70	7.85	7.92	3.97	8.2	9.25	-	-	12.0	1.5	-	16.7(1700)	2.65(270)
MS 50	15.875	9.40	10.16	5.09	10.3	11.85	-	-	15.0	2.0	-	27.5(2800)	4.31(440)
MS 60	19.05	12.57	11.91	5.96	12.75	14.55	-	-	18.1	2.4	-	40.2(4100)	6.28(640)
MS 80	25.40	15.75	15.88	7.94	16.23	19.82	-	-	24.1	3.2	-	68.6(7000)	10.7(1090)
MS 100	31.75	18.90	19.05	9.54	19.8	23.6	-	-	30.1	4.0	-	108(11000)	17.1(1740)
MS 40-2	12.70	7.85	7.92	3.97	-	-	15.4	16.45	12.0	1.5	14.4	33.4(3400)	4.5(460)
MS 50-2	15.875	9.40	10.16	5.09	-	-	19.35	20.9	15.0	2.0	18.1	55(5600)	7.35(750)
MS 60-2	19.05	12.57	11.91	5.96	-	-	24.15	25.95	18.1	2.4	22.8	80.4(8200)	10.7(1090)
MS 80-2	25.40	15.75	15.88	7.94	-	-	30.09	34.5	24.1	3.2	29.3	137.2(14000)	18.1(1850)
MS 100-2	31.75	18.90	19.05	9.54	-	-	37.7	41.5	30.1	4.0	35.8	216(22000)	29(2960)

어 태 치 먼 트									체인 개략중량 (kg/m)
Df	Cs	N	Xs	XSA	M	ℓ	ℓ 1	d	
15.88	12.7	9.5	17.45	17.40	9.5	13.2	-	3.97	1.3
19.05	15.9	12.7	22.25	23.05	12.7	16.2	-	5.09	1.9
22.23	18.3	15.9	26.25	26.85	15.9	20.6	-	5.96	2.9
28.58	24.6	19.1	34.15	35.45	19.1	25.7	-	7.94	4.8
39.69	31.8	25.4	44.5	44.00	25.4	31.0	-	9.54	7.9
15.88	12.7	9.5	17.45	17.40	9.5	-	28.3	3.97	2.6
19.05	15.9	12.7	22.25	23.05	12.7	-	34.3	5.09	3.8
22.23	18.3	15.9	26.25	26.85	15.9	-	43.4	5.96	5.8
28.58	24.6	19.1	34.15	35.45	19.1	-	55.0	7.94	9.6
39.69	31.8	25.4	44.5	44.00	25.4	-	66.9	9.54	15.8

MS 더블피치 톱로울러 체인 (Double pitch top roller chain)

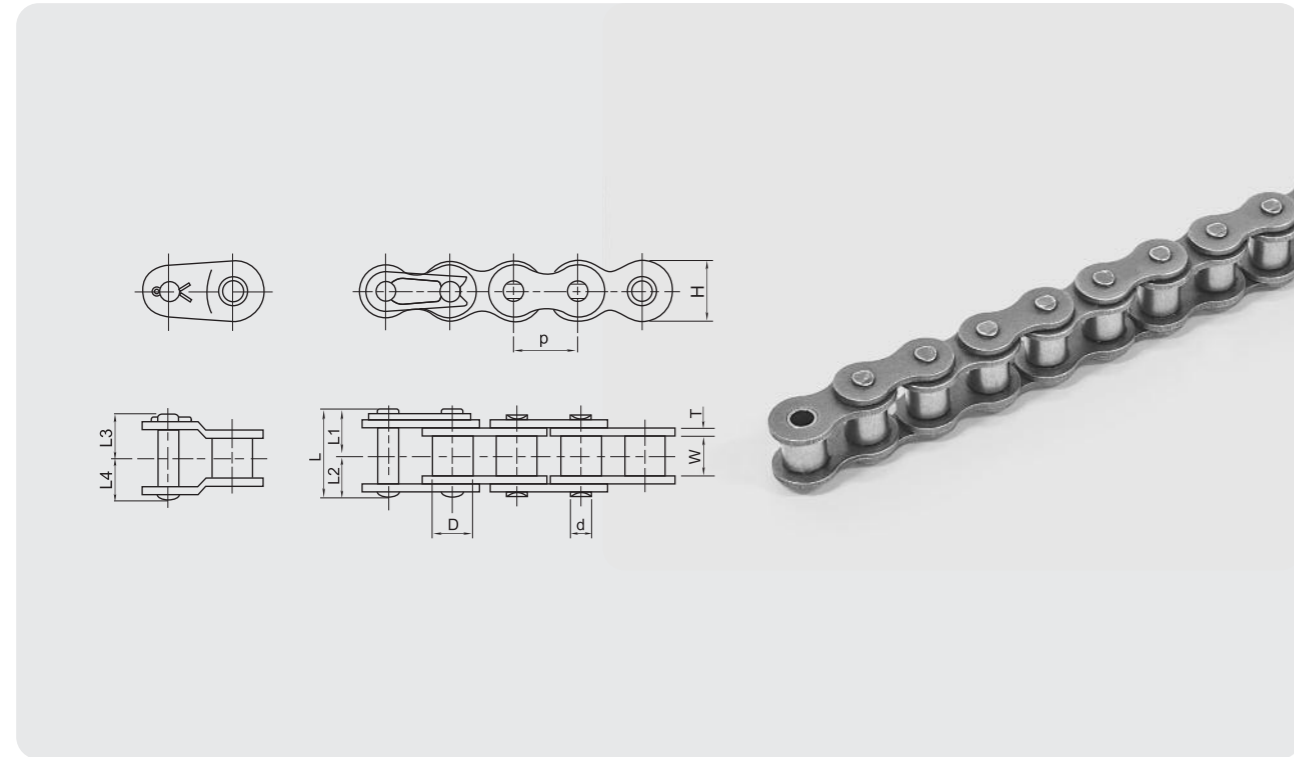


(단위:mm)

체인번호 Chain No.	피치 P	로울러 링크내폭 W	로울러외경		핀					링크플레이트		횡피치 C	평균 파단강도 KN(kgf)	최대 허용하중 KN(kgf)
			S 로울러	R 로울러	D	L1	L2	L3	L4	H	T			
MS 2040	25.40	7.85	7.94	15.88	3.96	8.4	9.95	-	-	12.0	1.5	-	16.7(1700)	2.65(270)
MS 2050	31.75	9.40	10.16	19.05	5.08	10.5	11.95	-	-	15.0	2.0	-	27.5(2800)	4.31(440)
MS 2060	38.10	12.57	11.91	22.23	5.94	14.55	16.1	-	-	18.1	3.2	-	40.2(4100)	6.28(640)
MS 2080	50.80	15.75	15.88	28.58	7.92	18.25	21.85	-	-	23.0	4.0	-	68.6(7000)	10.7(1090)
MS 2100	63.50	18.90	19.05	39.69	9.53	21.75	25.55	-	-	30.1	4.8	-	108(11000)	17.1(1740)
MS 2040-2	25.40	7.85	7.94	15.88	3.96	-	-	15.53	17.07	12.0	1.5	14.4	33.4(3400)	4.5(460)
MS 2050-2	31.75	9.40	10.16	19.05	5.08	-	-	19.48	20.92	15.0	2.0	18.1	55(5600)	7.35(750)
MS 2060-2	38.10	12.57	11.91	22.23	5.94	-	-	27.6	29.15	17.2	3.2	26.2	80.4(8200)	10.7(1090)
MS 2080-2	50.80	15.75	15.88	28.58	7.92	-	-	34.55	38.15	23.0	4.0	32.6	137.2(14000)	18.1(1850)
MS 2100-2	63.50	18.90	19.05	39.69	9.53	-	-	41.3	45.1	28.6	4.8	39.1	216(22000)	29(2960)

체인번호 Chain No.	어 태 치 먼 트										체인개략중량 (kg/m)	
	Dr	Cs	Xs	ℓ 1	ℓ 2	ℓ 3	ℓ 4	XSA	M	d	S 로울러	R 로울러
MS 2040	15.88	15.0	21.0	8.4	9.95	-	-	19.8	19.1	5.09	1.33	1.69
MS 2050	19.05	19.0	26.5	10.50	11.95	-	-	24.6	23.8	5.96	2.04	2.50
MS 2060	22.23	23.0	31.8	14.7	17.7	-	-	30.6	28.6	7.94	3.68	4.36
MS 2080	28.58	29.0	40.5	18.5	22.4	-	-	40.5	38.1	9.53	5.65	6.76
MS 2100	39.69	35.4	49.7	22.2	27.0	-	-	50.4	47.6	14.29	9.11	11.37
MS 2040-2	15.88	15.0	21.0	-	-	15.58	17.12	19.8	19.1	5.09	2.66	3.38
MS 2050-2	19.05	19.0	26.5	-	-	19.53	20.97	24.6	23.8	5.96	4.08	5.0
MS 2060-2	22.23	23.0	31.8	-	-	27.8	30.8	30.6	28.0	7.94	7.36	8.72
MS 2080-2	28.58	29.0	40.5	-	-	34.8	38.7	40.5	38.1	11.11	11.3	13.52
MS 2100-2	39.69	35.4	49.7	-	-	41.75	46.55	50.4	47.6	14.29	18.22	22.74

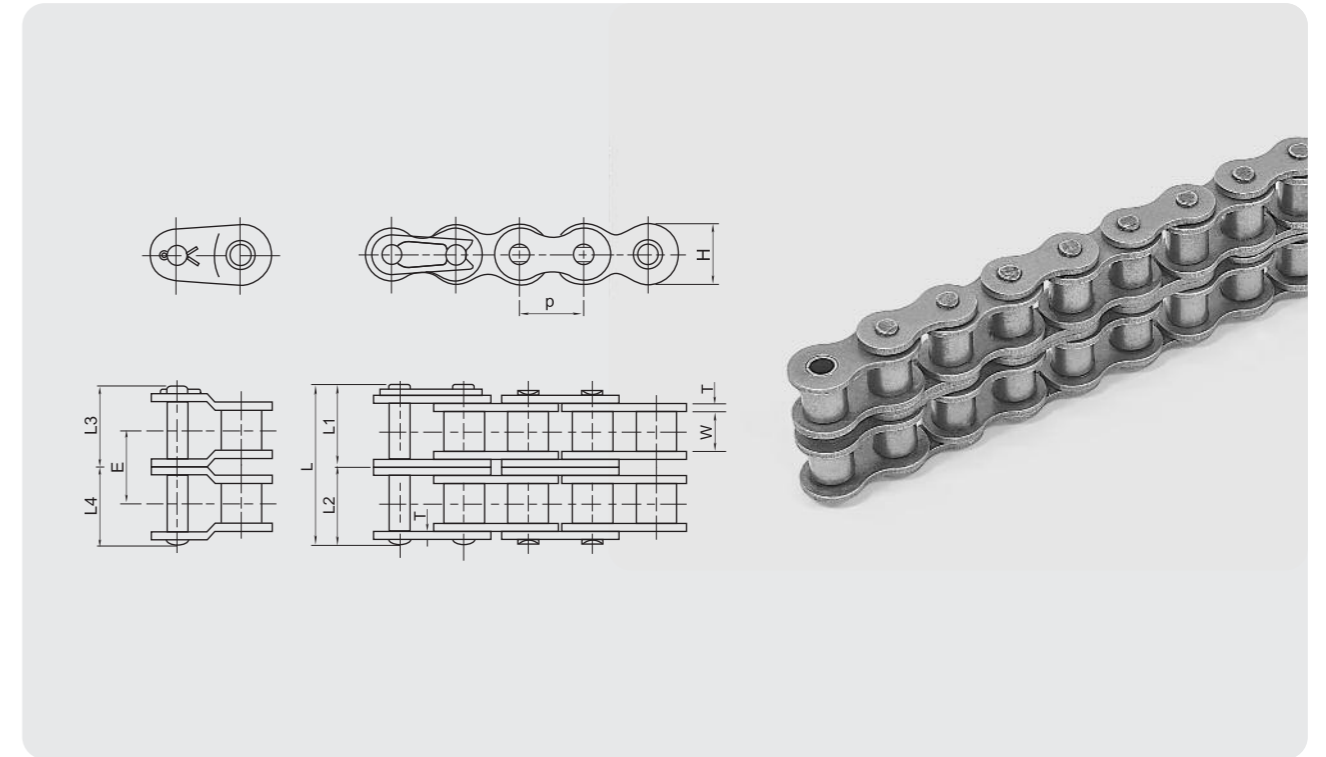
MS BS/DIN 로울러 체인 (BS/DIN roller chain)



SINGLE STRAND

(단위:mm)

체인번호 Chain No.	피치 Pitch P	로울러외경 Roller Dia D	체인내폭 Width Between Lp. W	플레이트 Link Plate			핀경 Pin Dia d	핀 Pin					Trans Pitch E	ISO-B Average Tensile Kgf	Average Tensile strength Kgf	Average Weight Kg/m
				H	T	t		L	L1	L2	L3	L4				
MS 06B	9.525	6.35	5.72	8.2	1.32	1.05	3.28	13.4	7.2	6.2	7.6	6.6	-	910	1,000	0.41
MS 08B	12.70	8.51	7.75	11.8	1.62	1.62	4.45	18.3	9.8	8.5	10.6	8.5	-	1,820	2,100	0.7
MS 10B	15.875	10.16	9.65	14.7	1.7	1.7	5.08	21.2	11.6	9.6	11.7	9.7	-	2,270	2,600	0.95
MS 12B	19.05	12.07	11.68	16.1	1.88	1.88	5.72	24.3	13.1	11.2	13.6	11.3	-	2,950	3,400	1.25
MS 16B	25.40	15.88	17.02	21.08	4.10	3.2	8.28	38.2	20.2	18.0	21.7	20.2	-	4,310	7,500	2.7
MS 20B	31.75	19.05	19.56	26.0	4.4	3.5	10.19	43.85	23.7	20.15	25.15	23.00	-	6,580	11,500	3.6
MS 24B	38.10	25.40	25.40	33.4	5.9	4.9	14.63	58.75	32.0	26.75	32.45	30.7	-	9,980	19,700	6.7
MS 28B	44.45	27.94	30.99	36.7	7.4	6.3	15.90	70.45	37.7	32.75	39.1	36.3	-	13,160	23,100	8.3
MS 32B	50.80	29.21	30.99	41.9	6.9	6.3	17.81	71.10	37.7	33.40	39.5	36.6	-	17,240	30,100	10.5
MS 40B	63.50	39.37	38.10	52.9	8.5	8.0	22.89	87.3	46.0	41.3	46.5	43.2	-	26,770	41,000	16.0



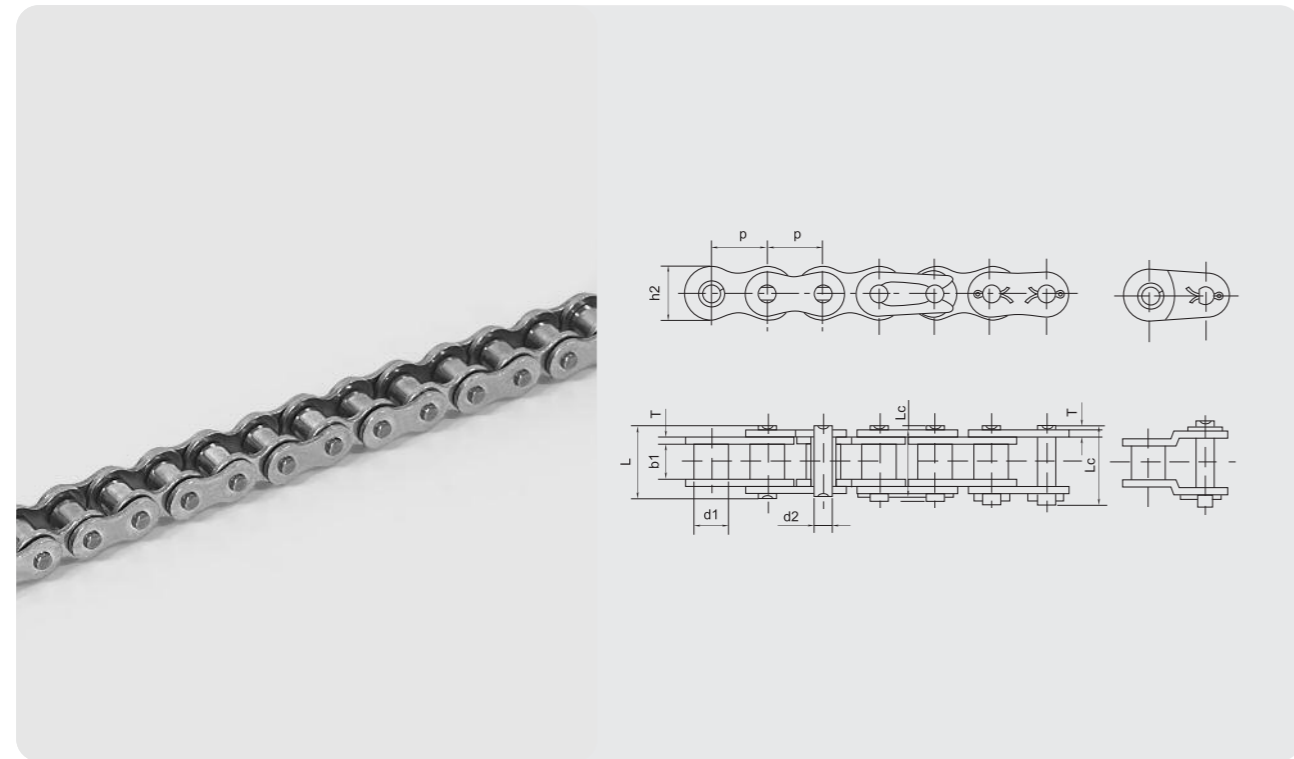
DOUBLE STRAND

(단위:mm)

체인번호 Chain No.	피치 Pitch P	로울러외경 Roller Dia D	체인내폭 Width Between Lp. W	플레이트 Link Plate			핀경 Pin Dia d	핀 Pin					Trans Pitch E	ISO-B Average Tensile Kgf	Average Tensile strength Kgf	Average Weight Kg/m
				H	T	t		L	L1	L2	L3	L4				
MS 06B-2	9.525	6.35	5.72	8.2	1.32	1.05	3.28	23.7	12.35	11.35	12.75	11.75	10.24	1,730	1,900	0.78
MS 08B-2	12.70	8.51	7.75	11.8	1.62	1.62	4.45	32.3	16.85	15.45	17.5	15.5	13.92	3,180	3,700	1.35
MS 10B-2	15.875	10.16	9.65	14.7	1.62	1.62	5.08	37.9	19.95	17.95	20.0	18.0	16.59	4,540	5,200	1.84
MS 12B-2	19.05	12.07	11.68	16.1	1.88	1.88	5.72	43.8	22.85	20.95	23.35	21.05	19.46	5,900	6,800	2.5
MS 16B-2	25.40	15.88	17.02	21.08	4.10	3.2	8.28	70.0	36.0	34.0	37.7	36.1	31.88	8,620	15,000	5.4
MS 20B-2	31.75	19.05	19.56	26.0	4.4	3.5	10.19	80.9	41.95	38.4	43.4	40.6	36.45	13,160	23,000	7.2
MS 24B-2	38.10	25.40	25.40	33.4	5.9	4.9	14.63	107.2	56.3	50.95	56.5	53.85	48.36	19,960	39,400	13.5
MS 28B-2	44.45	27.94	30.99	36.7	7.4	6.3	15.90	129.8	67.45	62.25	68.75	66.1	59.56	26,320	46,200	16.6
MS 32B-2	50.80	29.21	30.99	41.9	6.9	6.3	17.81	129.7	67.0	61.8	68.55	65.0	58.55	34,480	60,200	21.0
MS 40B-2	63.50	39.37	38.10	52.9	8.5	8.0	22.89	159.6	82.15	77.45	82.7	79.4	72.29	53,540	82,000	32.0

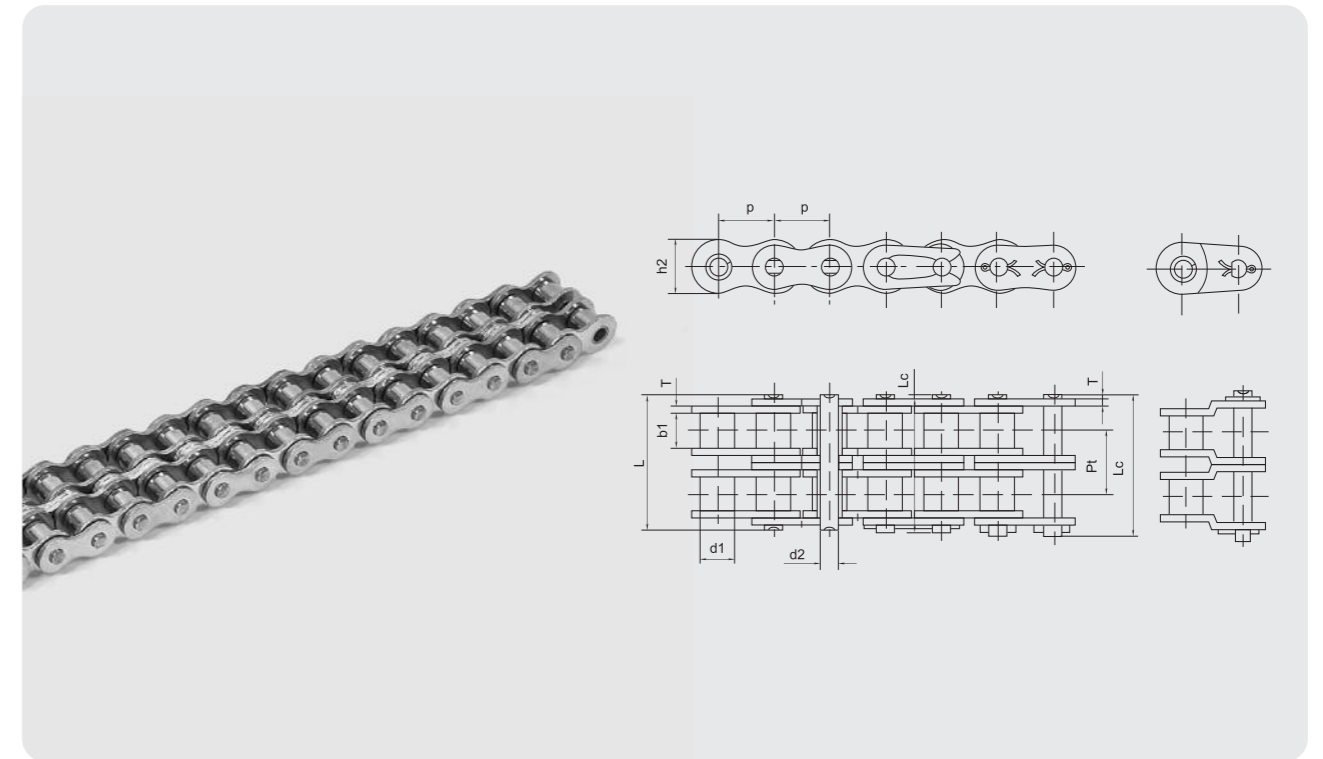
1. Shape of link plate for 06B is straight.
 2. Spring clip type is standard for the connecting link of 06B through 16B and cotter type for 20B through 40B.
 3. Middle link plate of 06B is one piece.
 Note: Dimensions subject to change. Certified dimensions furnished upon request.

MS 스테인레스 로울러 체인 (Stainless steel short pitch precision roller chain)



(단위:mm)

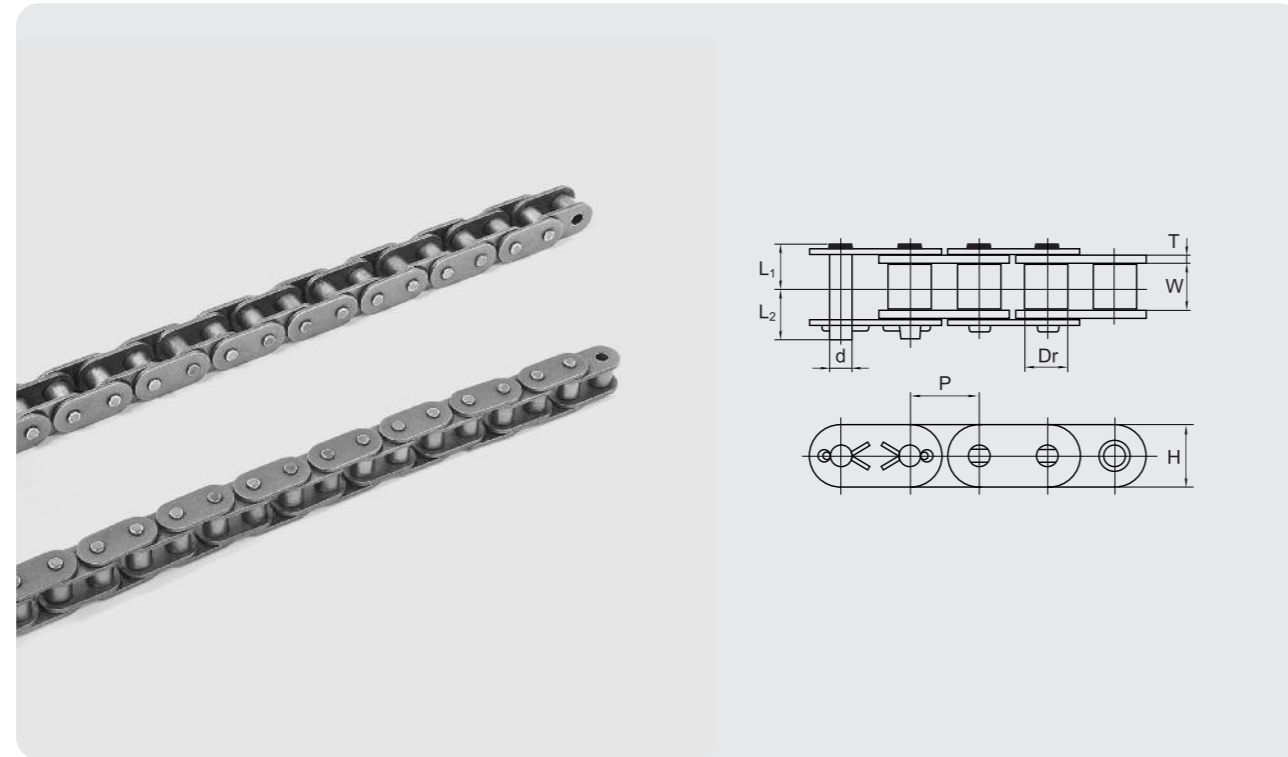
체인번호 Chain No.	피치 Pitch	로울러경 Roller diameter	내폭 Width between inner plates	핀			플레이트 Plate thickness	파단하중 Ultimate tensile strength	개략중량 Weight per meter	
				Pin diameter	Pin length					Inner plate depth
					d2 max	L max				
p	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	q	
mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
MS 25SS	6.350	3.30	3.10	2.31	7.90	8.40	6.00	0.75	2.5	0.15
MS 35SS	9.525	5.08	4.68	3.58	12.40	13.17	9.00	1.20	5.5	0.33
MS 41SS	12.700	7.77	6.25	3.58	13.75	15.00	9.91	1.20	6	0.41
MS 40SS	12.700	7.92	7.85	3.96	16.60	17.80	12.00	1.50	9.6	0.62
MS 50SS	15.875	10.16	9.40	5.08	20.70	22.20	15.09	2.00	15.2	1.02
MS 60SS	19.050	11.91	12.57	5.94	25.90	27.70	18.00	2.40	21.7	1.50
MS 80SS	25.400	15.88	15.75	7.92	32.70	35.00	24.00	3.00	38.9	2.60
MS 100SS	31.750	19.05	18.90	9.53	40.40	44.70	30.00	4.00	60	3.91
MS 120SS	38.100	22.23	25.22	11.10	50.30	54.30	35.70	4.80	88.9	5.62
MS 140SS	44.450	25.40	25.22	12.71	54.40	59.00	41.00	5.60	103.44	7.50
MS 160SS	50.800	28.58	31.55	14.27	64.80	69.60	47.80	6.40	136.08	10.10
MS 180SS	57.150	35.71	35.48	17.46	72.80	78.60	53.60	7.20	168.12	13.45
MS 200SS	63.500	39.68	37.85	19.85	80.30	87.20	60.00	8.00	212.28	16.15
MS 240SS	76.200	47.63	47.35	23.81	95.50	103.00	72.39	9.50	306.18	23.20



(단위:mm)

체인번호 Chain No.	피치 Pitch	로울러경 Roller diameter	내폭 Width between inner plates	핀			플레이트 Plate thickness	횡피치 Transverse pitch	파단하중 Ultimate tensile strength	개략중량 Weight per meter	
				Pin diameter	Pin length						Inner plate depth
					d2 max	L max					
p	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	q	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
MS 25SS-2	6.350	3.30	3.10	2.31	14.5	15.0	6.00	0.75	6.40	3.5	0.28
MS 35SS-2	9.525	5.08	4.68	3.58	22.5	23.3	9.00	1.20	10.13	7.9	0.63
MS 41SS-2	12.700	7.77	6.25	3.58	25.7	26.9	9.91	1.20	11.95	6.67	0.81
MS 40SS-2	12.700	7.92	7.85	3.96	31.0	32.2	12.00	1.50	14.38	14.1	1.12
MS 50SS-2	15.875	10.16	9.40	5.08	38.9	40.4	15.09	2.00	18.11	22.20	2.00
MS 60SS-2	19.050	11.91	12.57	5.94	48.8	50.5	18.00	2.40	22.78	31.80	2.92
MS 80SS-2	25.400	15.88	15.75	7.92	62.7	64.3	24.00	3.00	29.29	56.70	5.15
MS 100SS-2	31.750	19.05	18.90	9.53	76.4	80.5	30.00	4.00	35.76	88.50	7.80
MS 120SS-2	38.100	22.23	25.22	11.10	95.8	99.7	35.70	4.80	45.44	127.00	11.70
MS 140SS-2	44.450	25.40	25.22	12.71	103.3	107.9	41.00	5.60	48.87	172.40	15.14
MS 160SS-2	50.800	28.58	31.55	14.27	123.3	128.1	47.80	6.40	58.55	226.80	20.14
MS 180SS-2	57.150	35.71	35.48	17.46	138.6	144.4	53.60	7.20	65.84	280.25	29.22
MS 200SS-2	63.500	39.68	37.85	19.85	151.9	158.8	60.00	8.00	71.55	353.80	32.24
MS 240SS-2	76.200	47.63	47.35	23.81	183.4	190.8	72.39	9.50	87.83	510.30	45.23

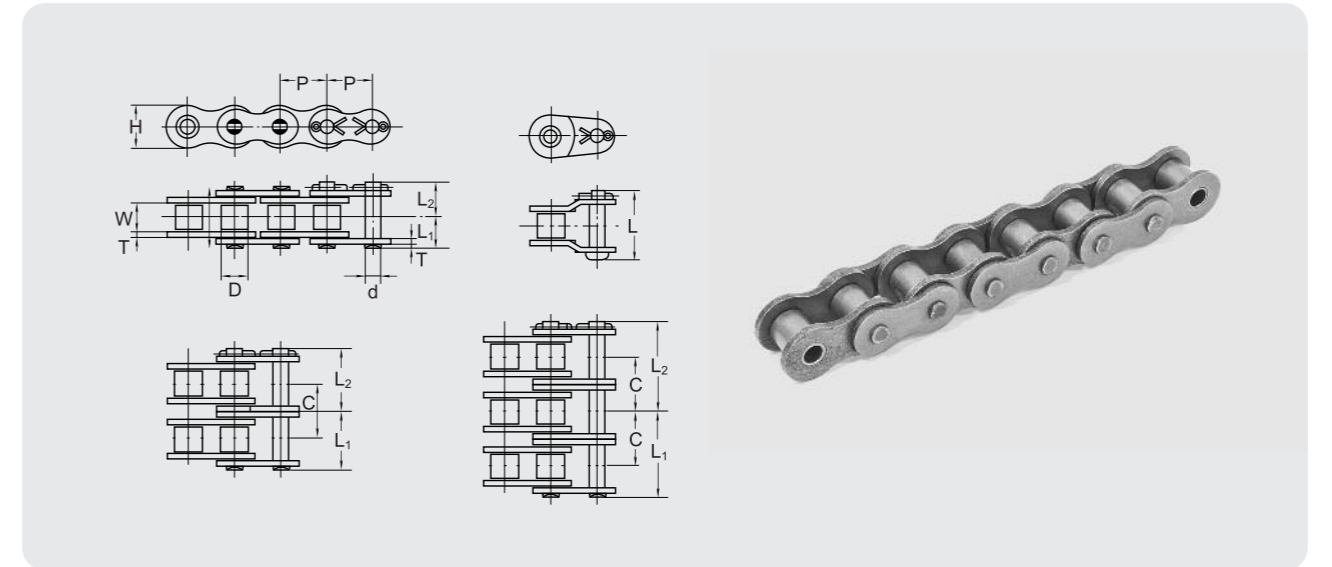
MS 평판형 체인 (Straight side plates roller chain)



(단위:mm)

체인번호 Chain No.	피치 P	로울러 외 경 Dr	로울러 링크내폭 W	핀 경 d	핀 길이		링크플레이트		평균 파단강도 KN(kgf)	개 락 중 량 Kg/m
					L1	L2	H	T		
MS 40 FP	12.70	7.92	7.85	3.96	8.10	9.20	12.0	1.5	16.7(1,700)	0.77
MS 50 FP	15.875	10.16	9.40	5.08	10.10	11.70	15.0	2.0	27.5(2,800)	1.20
MS 60 FP	19.05	11.91	12.57	5.94	12.60	14.40	18.1	2.4	40.2(4,100)	1.60
MS 80 FP	25.40	15.88	15.75	7.92	16.25	19.25	24.1	3.2	68.6(7,000)	2.74
MS 100 FP	31.75	19.05	18.90	9.53	19.80	22.90	30.1	4.0	108(11,000)	4.08
MS 120 FP	38.10	22.23	25.22	11.10	24.80	28.2	36.0	4.8	151(15,400)	5.98
MS 140 FP	44.45	25.40	25.22	12.71	25.60	31.35	42.0	5.6	204(20,800)	7.70
MS 160 FP	50.80	28.58	31.55	14.27	31.60	37.10	48.0	6.4	258(26,300)	10.23
MS 180 FP	57.15	35.71	35.48	17.46	35.9	41.7	54.2	7.2	331.5(33,800)	13.50
MS 200 FP	63.5	39.68	37.85	19.85	39.05	46.65	60.3	8.0	426.6(43,500)	17.33
MS 240 FP	76.2	47.63	47.35	23.81	47.2	54.8	72.4	9.5	637.4(65,000)	25.60
MS 320 FP	101.6	63.5	63.65	31.75	63.8	77.6	92.0	12.7	1078.7(110,000)	47.6
MS 400 FP	127.0	79.38	67.93	39.68	79.65	92.65	120.0	16.0	1814.2(185,000)	83.9

MS 중하중용 로울러 체인 (Heavy series roller chain)

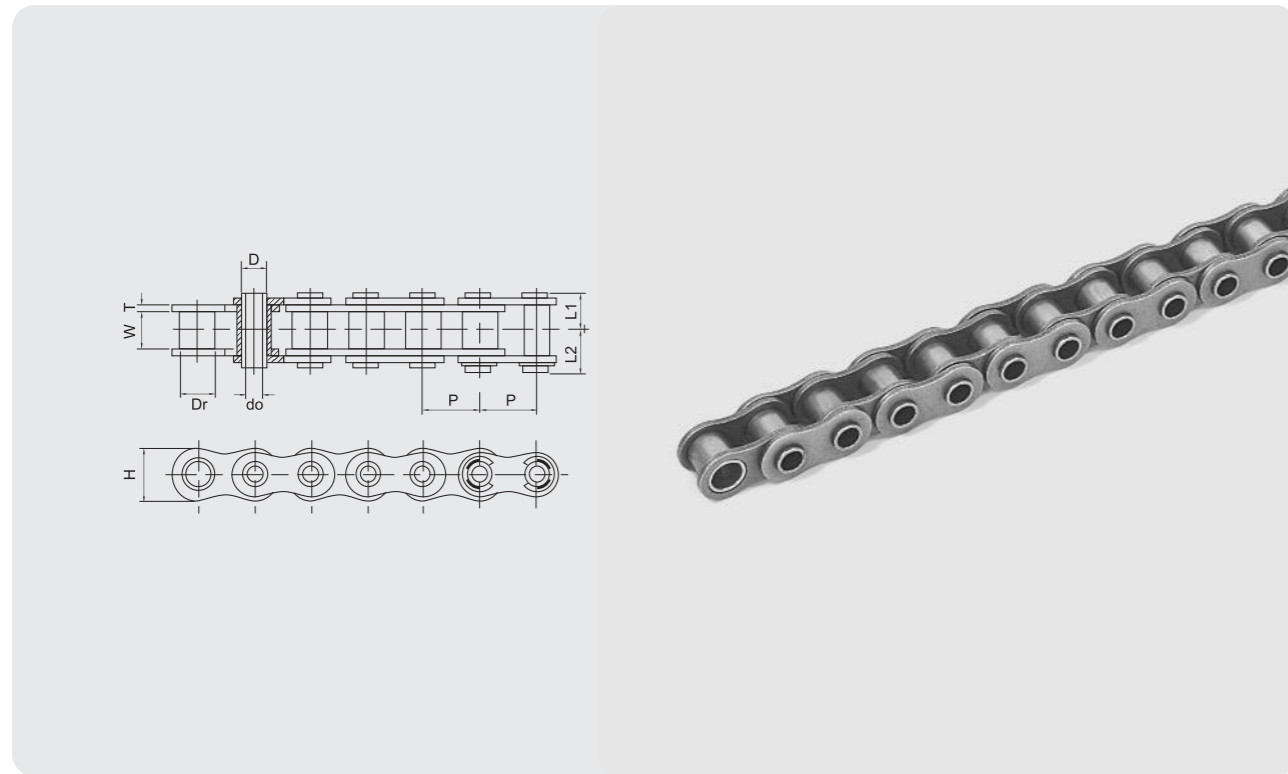


체인치수

(단위:mm)

체인번호 Chain No.	피치 P	로울러 링크내폭 W	로울러 외 경 Dr	핀					링크플레이트		횡피치 C	평균 파단강도 KN(kgf)	최대 허용하중 KN(kgf)	개 락 중 량 (kg/m)
				d	L1	L2	L1 + L2	L	T	H				
MS 60H	19.05	12.57	11.91	5.94	14.25	15.75	30.0	32.7	3.2	17.5	26.1	49.5(5050)	9.8(1000)	1.77
MS 60H-2					27.3	28.8	56.1	58.8				99(10100)	16.7(1700)	3.53
MS 60H-3					40.35	41.85	82.2	84.9				148.5(15150)	245.1(2500)	5.27
MS 60H-4					53.4	54.9	108.3	111.0				198(20200)	32.3(3300)	7.01
MS 80H	25.40	15.75	15.88	7.92	17.7	20.8	38.5	40.2	4.0	23.0	32.6	80.4(8200)	16.2(1650)	2.96
MS 80H-2					34.0	37.1	71.1	72.8				160.8(16400)	27.8(2840)	5.84
MS 80H-3					50.3	53.4	103.7	105.4				241.2(24600)	40.2(4100)	8.73
MS 80H-4					66.6	69.7	136.3	138.0				321.6(32800)	52.9(5400)	11.32
MS 100H	31.75	18.90	19.05	9.53	21.72	24.68	46.4	47.6	4.8	28.9	39.1	121.6(12400)	24.7(2520)	4.17
MS 100H-2					41.27	44.23	85.5	86.7				243.2(24800)	42.1(4300)	8.23
MS 100H-3					60.82	63.78	124.6	125.8				364.8(37200)	61.8(6300)	12.30
MS 100H-4					80.37	83.33	163.7	165.0				486.4(49600)	80.4(8200)	16.38
MS 120H	38.10	25.22	22.23	11.10	26.852	30.20	57.1	58.9	5.6	35.0	48.9	165.7(16900)	32.8(3350)	6.28
MS 120H-2					51.3	54.7	106.0	107.8				331.4(33800)	54.9(5600)	12.45
MS 120H-3					75.75	79.15	154.9	156.7				497.2(50700)	81.4(8300)	18.61
MS 120H-4					100.2	103.6	203.8	206.0				663(67600)	106.9(10900)	24.78
MS 140H	44.45	25.22	25.40	12.71	28.95	32.95	61.9	63.8	6.4	40.7	52.2	213.7(21800)	43.1(4400)	7.83
MS 140H-2					55.05	59.05	114.1	116.0				427.5(43600)	73.3(7480)	15.50
MS 140H-3					81.15	85.15	166.3	168.2				641.3(65400)	107.8(11000)	23.17
MS 140H-4					107.2	111.2	218.5	220.5				855.1(87200)	142.2(14500)	30.84
MS 160H	50.80	31.55	28.58	14.27	34.2	38.9	73.1	75.6	7.15	46.7	61.9	280.4(28600)	56.2(5730)	10.9
MS 160H-2					65.15	69.85	135.0	137.5				560.9(57200)	95.8(9770)	21.7
MS 160H-3					96.1	100.8	196.9	199.4				841.4(85800)	141.2(14400)	32.4
MS 160H-4					127.05	131.75	258.8	261.3				1121.9(11400)	184.3(18800)	43.1
MS 200H	63.50	37.85	39.68	19.85	42.85	49.85	92.7	95.5	9.5	58.4	78.3	451.1(46000)	79.1(8070)	19.2
MS 200H-2					82.0	89.0	171.0	173.8				902.2(92000)	134.3(13700)	38.0
MS 200H-3					121.15	128.15	249.3	252.1				1353.3(13800)	197.1(20100)	56.8
MS 200H-4					160.3	167.3	327.6	330.4				1804.4(18400)	258.9(26400)	75.6

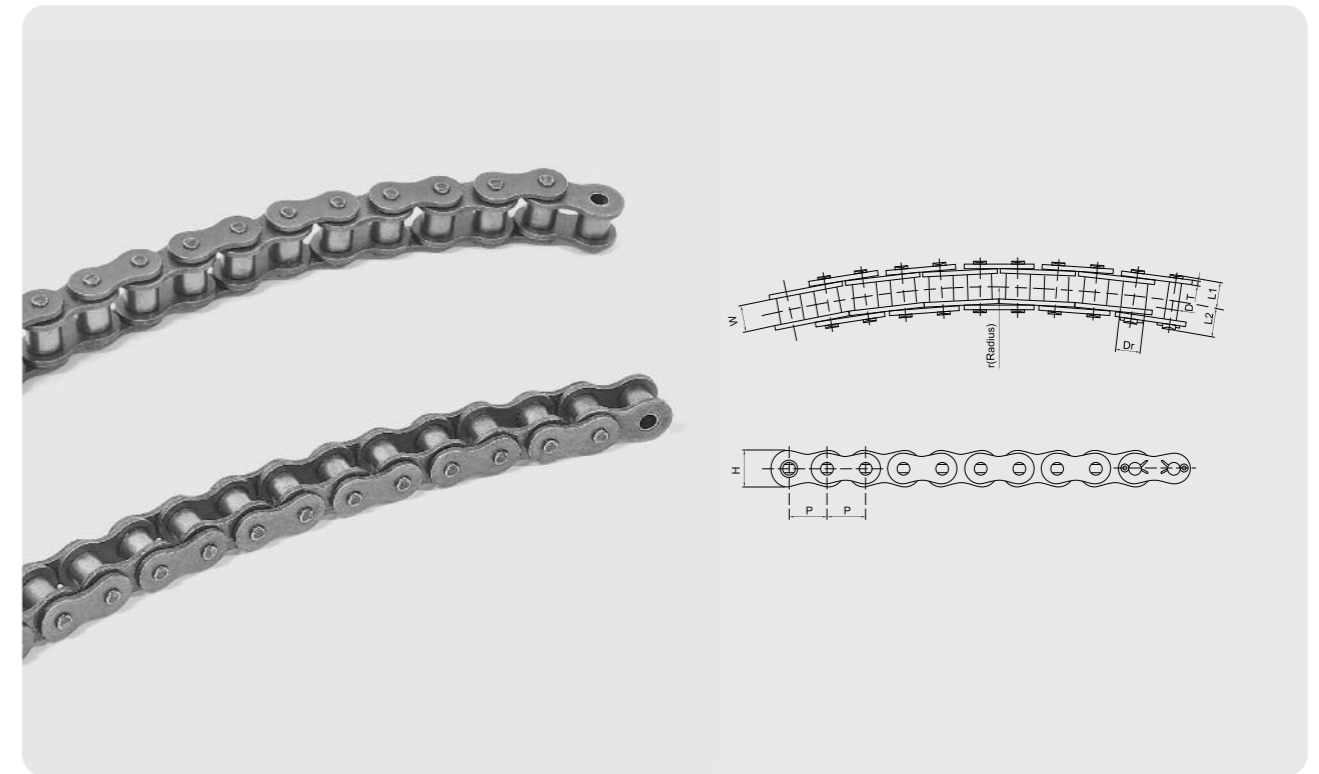
MS 홀로우-핀 체인 (Hollow-pin chain)



(단위:mm)

체인번호 Chain No.	피치 P	로울러 링크내폭 W	로울러 외 경 Dr	플레이트 Plate		핀 Pin				평균 파단강도 (kgf)	개략 중량 (kg/m)
				두께 T	폭 H	외경 D	내경 do(최소)	L1	L2		
MS 40 HP	12.70	7.85	7.92	1.5	12.0	5.63	3.96	8.30	9.40	1,100	0.54
MS 50 HP	15.875	9.40	10.16	2.0	15.1	7.03	5.13	10.25	11.55	2,000	0.87
MS 60 HP	19.05	12.57	11.91	2.4	18.0	8.33	6.00	12.90	13.90	2,450	1.29
MS 80 HP	25.40	15.75	15.88	3.2	24.0	11.40	8.05	16.25	17.55	4,900	2.26

MS 커브 체인 (Side bow chain)



(단위:mm)

체인번호 Chain No.	피치 P	Radius 반지름 r	로울러 외 경 Dr	로울러 링크내폭 W	플레이트 Plate		핀 Pin			평균 파단강도 (kgf)	개략 중량 (kg/m)
					두께 T	폭 H	외경 D	L1	L2		
MS 40SB	12.70	320	7.92	7.85	1.5	12.0	3.45	8.50	10.00	920	0.65
MS 50SB	15.875	410	10.14	9.40	2.0	15.0	4.37	10.45	12.35	1,530	1.08
MS 60SB	19.05	510	11.91	12.57	2.4	18.0	5.08	13.35	15.25	2,240	1.55
MS 80SB	25.40	720	15.88	15.75	3.2	24.1	7.19	17.05	18.85	3,980	2.40