

MITSUBOSHI

INDUSTRIAL POWER TRANSMISSION PRODUCTS CONVEYOR BELTS ENGINEERING PLASTIC



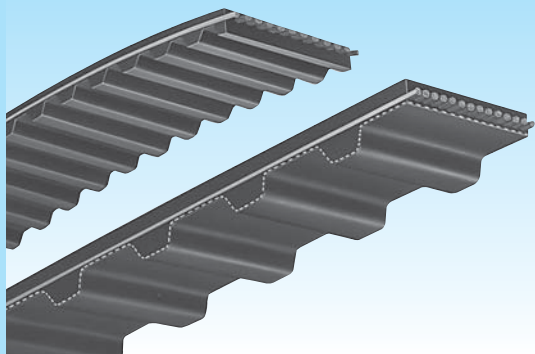
To give attentive consideration to both productivity and nature.

All sizes of Mitsubishi Conventional V-belts respectively meet the dimensional requirements as stated in ARPM/RMA IP-20.

Timing Belt G

This synchronous transmission belt eliminates the problems of chains and gears. Extra small pitch type fits well with precision equipments and information devices.

- Thin, lightweight and superior flexibility of this belt allows compact design application.
- Enables efficient high speed power transmission
- Low noise operation compared to chain/gear use
- Cost-efficient
- Maintenance-free
- Standard belt can be used in temperature range between -30°C and +90°C



Standard Belt Sizes

Belt Type		MXL															
Tooth Pitch		0.08"(2.032mm)															
Code(width)		3.2(3.2mm) 4.8(4.8mm) 6.4(6.4mm) 9.5(9.5mm) 12.7(12.7mm)															
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size GB	
																	34 MXL
35 MXL	35	71.12	S	109 MXL	109	221.49	S	221 MXL	221	449.07	S · D	400 MXL	400	812.80	S · D		
40 MXL	40	81.28	S	110 MXL	110	223.52	S	222 MXL	222	451.10	S · D	405 MXL	405	822.96	S · D		
41 MXL	41	83.31	S	112 MXL	112	227.58	S	224 MXL	224	455.17	S · D	411 MXL	411	835.15	S · D		
45 MXL	45	91.44	S	114 MXL	114	231.65	S	226 MXL	226	459.23	S · D	415 MXL	415	843.28	S · D		
46 MXL	46	93.47	S	115 MXL	115	233.68	S	227 MXL	227	461.26	S · D	419 MXL	419	851.41	S · D		
48 MXL	48	97.54	S	118 MXL	118	239.78	S	228 MXL	228	463.30	S · D	420 MXL	420	853.44	S · D		
49 MXL	49	99.57	S	119 MXL	119	241.81	S	230 MXL	230	467.36	S · D	424 MXL	424	861.57	S · D		
50 MXL	50	101.60	S	120 MXL	120	243.84	S	232 MXL	232	471.42	S · D	435 MXL	435	883.92	S · D		
51 MXL	51	103.63	S	121 MXL	121	245.87	S	236 MXL	236	479.55	S · D	436 MXL	436	885.95	S · D		
52 MXL	52	105.66	S	122 MXL	122	247.90	S	239 MXL	239	485.65	S · D	438 MXL	438	890.02	S · D		
53 MXL	53	107.70	S	123 MXL	123	249.94	S	240 MXL	240	487.68	S · D	448 MXL	448	910.34	S · D		
54 MXL	54	109.73	S	125 MXL	125	254.00	S	243 MXL	243	493.78	S · D	453 MXL	453	920.50	S · D		
55 MXL	55	111.76	S	126 MXL	126	256.03	S	245 MXL	245	497.84	S · D	464 MXL	464	942.85	S · D		
56 MXL	56	113.79	S	127 MXL	127	258.06	S	248 MXL	248	503.94	S · D	475 MXL	475	965.20	S · D		
57 MXL	57	115.82	S	128 MXL	128	260.10	S	250 MXL	250	508.00	S · D	477 MXL	477	969.26	S · D		
59 MXL	59	119.89	S	129 MXL	129	262.13	S	256 MXL	256	520.19	S · D	478 MXL	478	971.30	S · D		
60 MXL	60	121.92	S	130 MXL	130	264.16	S	260 MXL	260	528.32	S · D	487 MXL	487	989.58	S · D		
61 MXL	61	123.95	S	131 MXL	131	266.19	S	262 MXL	262	532.38	S · D	498 MXL	498	1011.94	S · D		
63 MXL	63	128.02	S	132 MXL	132	268.22	S	265 MXL	265	538.48	S · D	500 MXL	500	1016.00	S · D		
65 MXL	65	132.08	S	134 MXL	134	272.29	S	270 MXL	270	548.64	S · D	503 MXL	503	1022.10	S · D		
66 MXL	66	134.11	S	135 MXL	135	274.32	S	273 MXL	273	554.74	S · D	507 MXL	507	1030.22	S · D		
67 MXL	67	136.14	S	138 MXL	138	280.42	S	275 MXL	275	558.80	S · D	515 MXL	515	1046.48	S · D		
68 MXL	68	138.18	S	140 MXL	140	284.48	S	278 MXL	278	564.90	S · D	516 MXL	516	1048.51	S · D		
70 MXL	70	142.24	S	142 MXL	142	288.54	S	280 MXL	280	568.96	S · D	520 MXL	520	1056.64	S · D		
71 MXL	71	144.27	S	144 MXL	144	292.61	S	281 MXL	281	570.99	S · D	525 MXL	525	1066.80	S · D		
72 MXL	72	146.30	S	145 MXL	145	294.64	S · D	285 MXL	285	579.12	S · D	535 MXL	535	1087.12	S · D		
73 MXL	73	148.34	S	146 MXL	146	296.67	S · D	288 MXL	288	585.22	S · D	537 MXL	537	1091.18	S · D		
74 MXL	74	150.37	S	147 MXL	147	298.70	S · D	290 MXL	290	589.28	S · D	548 MXL	548	1113.54	S		
75 MXL	75	152.40	S	148 MXL	148	300.74	S · D	295 MXL	295	599.44	S · D	550 MXL	550	1117.60	S · D		
76 MXL	76	154.43	S	150 MXL	150	304.80	S · D	297 MXL	297	603.50	S · D	569 MXL	569	1156.21	S · D		
77 MXL	77	156.46	S	151 MXL	151	306.83	S	300 MXL	300	609.60	S · D	591 MXL	591	1200.91	S · D		
78 MXL	78	158.50	S	152 MXL	152	308.86	S · D	302 MXL	302	613.66	S	650 MXL	650	1320.80	S · D		
79 MXL	79	160.53	S	154 MXL	154	312.93	S · D	305 MXL	305	619.76	S · D	705 MXL	705	1432.56	S · D		
80 MXL	80	162.56	S	155 MXL	155	314.96	S · D	310 MXL	310	629.92	S · D	772 MXL	772	1568.70	S · D		
81 MXL	81	164.59	S	156 MXL	156	316.99	S · D	312 MXL	312	633.98	S · D	1369 MXL	1369	2781.81	S		
82 MXL	82	166.62	S	158 MXL	158	321.06	S · D	315 MXL	315	640.08	S · D						
83 MXL	83	168.66	S	160 MXL	160	325.12	S · D	318 MXL	318	646.18	S · D						
85 MXL	85	172.72	S	162 MXL	162	329.18	S · D	320 MXL	320	650.24	S · D						
86 MXL	86	174.75	S	165 MXL	165	335.28	S · D	324 MXL	324	658.37	S · D						
87 MXL	87	176.78	S	170 MXL	170	345.44	S · D	330 MXL	330	670.56	S · D						
88 MXL	88	178.82	S	171 MXL	171	347.47	S · D	332 MXL	332	674.62	S · D						
89 MXL	89	180.85	S	175 MXL	175	355.60	S · D	334 MXL	334	678.69	S · D						
90 MXL	90	182.88	S	180 MXL	180	365.76	S · D	336 MXL	336	682.75	S · D						
91 MXL	91	184.91	S	184 MXL	184	373.89	S · D	337 MXL	337	684.78	S · D						
92 MXL	92	186.94	S	185 MXL	185	375.92	S · D	338 MXL	338	686.82	S · D						
93 MXL	93	188.98	S	186 MXL	186	377.95	S · D	339 MXL	339	688.85	S · D						
94 MXL	94	191.01	S	187 MXL	187	379.98	S · D	344 MXL	344	699.01	S · D						
95 MXL	95	193.04	S	188 MXL	188	382.02	S · D	347 MXL	347	705.10	S · D						
96 MXL	96	195.07	S	190 MXL	190	386.08	S · D	348 MXL	348	707.14	S · D						
97 MXL	97	197.10	S	192 MXL	192	390.14	S · D	350 MXL	350	711.20	S · D						
98 MXL	98	199.14	S	194 MXL	194	394.21	S · D	355 MXL	355	721.36	S · D						
99 MXL	99	201.17	S	195 MXL	195	396.24	S · D	359 MXL	359	729.49	S · D						
100 MXL	100	203.20	S	198 MXL	198	402.34	S · D	364 MXL	364	739.65	S · D						
101 MXL	101	205.23	S	200 MXL	200	406.40	S · D	365 MXL	365	741.68	S · D						
102 MXL	102	207.26	S	203 MXL	203	412.50	S · D	367 MXL	367	745.74	S · D						
103 MXL	103	209.30	S	205 MXL	205	416.56	S · D	372 MXL	372	755.90	S · D						
104 MXL	104	211.33	S	210 MXL	210	426.72	S · D	380 MXL	380	772.16	S · D						
105 MXL	105	213.36	S	212 MXL	212	430.78	S · D	386 MXL	386	784.35	S · D						
106 MXL	106	215.39	S	219 MXL	219	445.01	S · D	388 MXL	388	788.42	S						

● S = Single-sided D = Double timing belt
 ● The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
 ● Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Timing Belt G

Standard Belt Sizes

Belt Type	XL								L				H			
Tooth Pitch	1/5"(5.080mm)								3/8"(9.525mm)				1/2"(12.700mm)			
Code(width)	025(6.4mm) 031(7.9mm) 037(9.5mm) 050(12.7mm)								050(12.7mm) 075(19.1mm) 100(25.4mm) 150(38.1mm)				075(19.1mm) 100(25.4mm) 150(38.1mm) 200(50.8mm) 300(76.2mm)			
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size
				GB Type				GB Type				G Type				G Type
60 XL	30	152.40	S	210 XL	105	533.40	S · D	109 L	29	276.23	S	225 H	45	571.50	S	
64 XL	32	162.56	S	212 XL	106	538.48	S · D	124 L	33	314.33	S	230 H	46	584.20	S	
68 XL	34	172.72	S	216 XL	108	548.64	S · D	135 L	36	342.90	S	240 H	48	609.60	S · D	
70 XL	35	177.80	S	218 XL	109	553.72	S · D	150 L	40	381.00	S	245 H	49	622.30	S · D	
72 XL	35	177.80	S	220 XL	110	558.80	S · D	165 L	44	419.10	S	255 H	51	647.70	S · D	
74 XL	37	182.88	S	228 XL	114	579.12	S · D	173 L	46	438.15	S	270 H	54	685.80	S · D	
76 XL	38	193.04	S	230 XL	115	584.20	S · D	180 L	48	457.20	S	280 H	56	711.20	S · D	
78 XL	39	198.12	S	234 XL	117	594.36	S · D	187 L	50	476.25	S · D	300 H	60	762.00	S · D	
80 XL	40	203.20	S	236 XL	118	599.44	S · D	210 L	56	533.40	S · D	310 H	62	787.40	S · D	
82 XL	41	208.28	S	240 XL	120	609.60	S · D	217 L	58	552.45	S · D	315 H	63	800.10	S · D	
84 XL	42	213.36	S	250 XL	125	635.00	S · D	225 L	60	571.50	S · D	320 H	64	812.80	S · D	
86 XL	43	218.44	S	254 XL	127	645.16	S · D	232 L	62	590.55	S · D	330 H	66	838.20	S · D	
88 XL	44	223.52	S	260 XL	130	660.40	S · D	240 L	64	609.60	S · D	340 H	68	863.60	S · D	
90 XL	45	228.60	S	266 XL	133	675.64	S · D	255 L	68	647.70	S · D	350 H	70	889.00	S · D	
92 XL	46	233.68	S	270 XL	135	685.80	S · D	265 L	71	676.28	S · D	360 H	72	914.40	S · D	
94 XL	47	238.76	S	276 XL	138	701.04	S · D	270 L	72	685.80	S · D	370 H	74	939.80	S · D	
96 XL	48	243.84	S	280 XL	140	711.20	S · D	277 L	74	704.85	S · D	375 H	75	952.50	S · D	
98 XL	49	248.92	S	282 XL	141	716.28	S · D	285 L	76	723.90	S · D	390 H	78	990.60	S · D	
100 XL	50	254.00	S	290 XL	145	736.60	S · D	300 L	80	762.00	S · D	400 H	80	1016.00	S · D	
102 XL	51	259.08	S	300 XL	150	762.00	S · D	315 L	84	800.10	S · D	410 H	82	1041.40	S · D	
104 XL	52	264.16	S	310 XL	155	787.40	S · D	320 L	85	809.63	S · D	420 H	84	1066.80	S · D	
106 XL	53	269.24	S	314 XL	157	797.56	S · D	322 L	86	819.15	S · D	430 H	86	1092.20	S · D	
108 XL	54	274.32	S	320 XL	160	812.80	S · D	334 L	89	847.73	S · D	450 H	90	1143.00	S · D	
110 XL	55	279.40	S	330 XL	165	838.20	S · D	337 L	90	857.25	S · D	465 H	93	1181.10	S · D	
112 XL	56	284.48	S	332 XL	166	843.28	S · D	345 L	92	876.30	S · D	480 H	96	1219.20	S · D	
114 XL	57	289.56	S	340 XL	170	863.60	S · D	360 L	96	914.40	S · D	490 H	98	1244.60	S · D	
116 XL	58	294.64	S	348 XL	174	883.92	S · D	367 L	98	933.45	S · D	510 H	102	1295.40	S · D	
118 XL	59	299.72	S	352 XL	176	894.08	S · D	375 L	100	952.50	S · D	530 H	106	1346.20	S · D	
120 XL	60	304.80	S	360 XL	180	914.40	S · D	382 L	102	971.55	S · D	540 H	108	1371.60	S · D	
122 XL	61	309.88	S	364 XL	182	924.56	S · D	390 L	104	990.60	S · D	560 H	112	1422.40	S · D	
124 XL	62	314.96	S	370 XL	185	939.80	S · D	394 L	105	1000.13	S · D	565 H	113	1435.10	S · D	
126 XL	63	320.04	S	376 XL	188	955.04	S · D	398 L	106	1009.65	S · D	570 H	114	1447.80	S · D	
128 XL	64	325.12	S	380 XL	190	965.20	S · D	420 L	112	1066.80	S · D	580 H	116	1473.20	S · D	
130 XL	65	330.20	S	384 XL	192	975.36	S · D	427 L	114	1085.85	S · D	600 H	120	1524.00	S · D	
134 XL	67	340.36	S	388 XL	194	985.52	S · D	435 L	116	1104.90	S · D	605 H	121	1536.70	S · D	
136 XL	68	345.44	S	390 XL	195	990.60	S · D	450 L	120	1143.00	S · D	625 H	125	1587.50	S · D	
138 XL	69	350.52	S	396 XL	198	1005.84	S · D	454 L	121	1152.53	S · D	630 H	126	1600.20	S · D	
140 XL	70	355.60	S	414 XL	207	1051.56	S · D	480 L	128	1219.20	S · D	640 H	128	1625.60	S · D	
142 XL	71	360.68	S	424 XL	212	1076.96	S · D	510 L	136	1295.40	S · D	650 H	130	1651.00	S · D	
144 XL	72	365.76	S	450 XL	225	1143.00	S · D	525 L	140	1333.50	S · D	660 H	132	1676.40	S · D	
146 XL	73	370.84	S	460 XL	230	1168.40	S · D	540 L	144	1371.60	S · D	680 H	136	1727.20	S · D	
148 XL	74	375.92	S · D	478 XL	239	1214.12	S · D	548 L	146	1390.65	S · D	700 H	140	1778.00	S · D	
150 XL	75	381.00	S · D	480 XL	240	1219.20	S · D	581 L	155	1476.38	S · D	730 H	146	1854.20	S · D	
152 XL	76	386.08	S · D	490 XL	245	1244.60	S · D	600 L	160	1524.00	S · D	750 H	150	1905.00	S · D	
154 XL	77	391.16	S · D	522 XL	261	1325.88	S	630 L	168	1600.20	S · D	760 H	152	1930.40	S · D	
156 XL	78	396.24	S · D	532 XL	266	1351.28	S	653 L	174	1657.35	S · D	770 H	154	1955.80	S · D	
158 XL	79	401.32	S · D	540 XL	270	1371.60	S	660 L	176	1676.40	S · D	800 H	160	2032.00	S · D	
160 XL	80	406.40	S · D	552 XL	276	1402.08	S	697 L	186	1771.65	S	810 H	162	2057.40	S · D	
162 XL	81	411.48	S · D	564 XL	282	1432.56	S	731 L	195	1857.37	S	840 H	168	2133.60	S · D	
164 XL	82	416.56	S · D	592 XL	296	1503.68	S	934 L	249	2371.72	S	850 H	170	2159.00	S · D	
166 XL	83	421.64	S · D	600 XL	300	1524.00	S	1174 L	313	2981.33	S	860 H	172	2184.40	S · D	
168 XL	84	426.72	S · D	616 XL	308	1564.64	S	1264 L	337	3209.93	S	880 H	176	2235.20	S · D	
170 XL	85	431.80	S · D	630 XL	315	1600.20	S					900 H	180	2286.00	S · D	
172 XL	86	436.88	S · D	670 XL	335	1701.80	S					950 H	190	2413.00	S · D	
174 XL	87	441.96	S · D	690 XL	345	1752.60	S					1000 H	200	2540.00	S · D	
176 XL	88	447.04	S · D	754 XL	377	1915.16	S					1020 H	204	2590.80	S · D	
178 XL	89	452.12	S · D	828 XL	414	2103.12	S					1100 H	220	2794.00	S · D	
180 XL	90	457.20	S · D	860 XL	430	2184.40	S					1120 H	224	2844.80	S · D	
182 XL	91	462.28	S · D									1130 H	226	2870.20	S · D	
184 XL	92	467.36	S · D									1140 H	228	2895.60	S · D	
186 XL	93	472.44	S · D									1150 H	230	2921.00	S · D	
188 XL	94	477.52	S · D									1160 H	232	2946.40	S · D	
190 XL	95	482.60	S · D									1250 H	250	3175.00	S · D	
192 XL	96	487.68	S · D									1285 H	257	3263.90	S · D	
194 XL	97	492.76	S · D									1325 H	265	3365.50	S · D	
196 XL	98	497.84	S · D									1345 H	269	3416.30	S · D	
198 XL	99	502.92	S · D									1350 H	270	3429.00	S · D	
200 XL	100	508.00	S · D									1360 H	272	3454.40	S · D	
202 XL	101	513.08	S · D									1400 H	280	3556.00	S · D	
204 XL	102	518.16	S · D									1700 H	340	4318.00	S · D	
206 XL	103	523.24	S · D									1765 H	353	4483.10	S · D	

● S = Single-sided D = Double timing belt
 ● The design procedure and the defined drive capacity of single-sided timing belts are applied to the equivalent double-sided timing belts.
 ● Some sizes may not be in stock. Please contact us for the stock status before placing an order.

Timing Belt G

Standard Belt Sizes

Belt Type	XH				XXH					
Tooth Pitch	$\frac{7}{8}$ "(22.225mm)				$1\frac{1}{4}$ "(31.750mm)					
Code(width)	200(50.8mm)	300(76.2mm)	400(101.6mm)	500(127.0mm)	600(152.4mm)	200(50.8mm)	300(76.2mm)	400(101.6mm)	500(127.0mm)	600(152.4mm)
Size	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)	Nominal length	Number of teeth	Pitch Length(mm)	Manufacturable Size (G Type)		
	463 XH	53	1177.93	S	700 XXH	56	1778.00	S		
507 XH	58	1289.05	S	800 XXH	64	2032.00	S			
560 XH	64	1422.40	S	900 XXH	72	2286.00	S			
630 XH	72	1600.20	S	1000 XXH	80	2540.00	S			
700 XH	80	1778.00	S	1200 XXH	96	3048.00	S			
735 XH	84	1866.90	S	1400 XXH	112	3556.00	S			
770 XH	88	1955.80	S	1600 XXH	128	4064.00	S			
840 XH	96	2133.60	S	1800 XXH	144	4572.00	S			
980 XH	112	2489.20	S							
1120 XH	128	2844.80	S							
1260 XH	144	3200.40	S							
1400 XH	160	3556.00	S							
1540 XH	176	3911.60	S							
1750 XH	200	4445.00	S							

● S = Single-sided

● Some sizes may not be in stock. Please contact us for the stock status before placing an order.