

Classical Belts



Dimensions

	Pitch	Tooth Height	Belt Height
MP	0.080" 2.03mm	0.51mm	1.14mm
XL	1/5" 5.080mm	1.27mm	2.3mm
L	3/8" 9.525mm	1.91mm	3.6mm
H	1/2" 12.700mm	2.29mm	4.3mm

Table 1

Standard belt lengths

mini pitch MP 0.080" pitch				extra light XL 0.2" pitch				light L 0.375" pitch				heavy H 0.5" pitch			
Code No.	pitch length		No. of teeth	Code No.	pitch length		No. of teeth	Code No.	pitch length		No. of teeth	Code No.	pitch length		No. of teeth
	inches	mm			inches	mm			inches	mm			inches	mm	
320MXL	3.20	81.3	40	60XL	6	152.4	30	124L	12.4	314.96	33	240H	24	609.6	48
432MXL	4.32	109.7	54	70XL	7	177.8	35	150L	15	381.00	40	270H	27	685.8	54
480MXL	4.80	121.9	60	80XL	8	203.2	40	187L	18.75	476.25	50	300H	30	762.0	60
536MXL	5.36	136.1	67	90XL	9	228.6	45	210L	21	533.40	56	330H	33	838.2	66
576MXL	5.76	146.3	72	100XL	10	254.0	50	225L	22.5	571.50	60	360H	36	914.4	72
640MXL	6.40	162.6	80	110XL	11	279.4	55	240L	24	609.60	64	390H	39	990.6	78
696MXL	6.96	176.8	87	120XL	12	304.8	60	255L	25.5	647.70	68	420H	42	1066.8	84
840MXL	8.40	213.4	105	130XL	13	330.2	65	270L	27	685.80	72	450H	45	1143.0	90
912MXL	9.12	231.6	114	140XL	14	355.6	70	285L	28.5	723.90	76	480H	48	1219.2	96
984MXL	9.84	249.9	123	150XL	15	381.0	75	300L	30	762.00	80	510H	51	1295.4	102
1008MXL	10.08	256.0	126	160XL	16	406.4	80	322L	32.25	819.15	86	540H	54	1371.6	108
1040MXL	10.40	264.2	130	170XL	17	431.8	85	345L	34.5	876.30	92	570H	57	1447.8	114
1056MXL	10.56	268.2	132	180XL	18	457.2	90	367L	36.75	933.45	98	600H	60	1524.0	120
1400MXL	14.00	355.6	175	190XL	19	482.6	95	390L	39	990.60	104	630H	63	1600.2	126
1768MXL	17.68	449.1	221	200XL	20	508.0	100	420L	42	1066.80	112	660H	66	1676.4	132
2520MXL	25.20	640.1	315	210XL	21	533.4	105	450L	45	1143.00	120	700H	70	1778.0	140
3200MXL	32.00	812.8	400	220XL	22	558.8	110	480L	48	1219.20	128	750H	75	1905.0	150
				230XL	23	584.2	115	510L	51	1295.40	136	800H	80	2032.0	160
				240XL	24	609.6	120	540L	54	1371.60	144	850H	85	2159.0	170
				250XL	25	635.0	125	600L	60	1524.00	160	900H	90	2286.0	180
				260XL	26	660.4	130					1000H	100	2540.0	200
				310XL	31	787.4	155					1100H	110	2794.0	220
												1250H	125	3175.0	250
												1400H	140	3556.0	280
												1700H	170	4318.0	340

Table 2

widths, others available			
BELT PITCH	CODE	BELT WIDT H	CODE
0.080	MXL	1/8	012
0.080	MXL	3/16	018
0.080	MXL	1/4	025
0.2	XL	1/4	025
0.2	XL	3/8	037
0.375	L	1/2	050
0.375	L	3/4	075
0.375	L	1	100
0.5	H	3/4	075
0.5	H	1	100
0.5	H	1-1/2	150
0.5	H	2	200
0.5	H	3	300
0.875	XH	2	200
0.875	XH	3	300
0.875	XH	5	500
1.25	XXH	4	400
1.25	XXH	5	500

typical belt reference

a timing belt 0.2" pitch, with 125 teeth, 3/8" wide

250 XL 037

For ease of identification 'Classical belt' catalogue numbers comprise of three groups of digits as follows:--

The first two groups form the Code No. shown in Table 1 and refer to the belt length and pitch. The last group is obtained from Table 1 and refers to the belt width.

Example:

To order an XL pitch belt 3/8" wide having 115 teeth quote the following number: 230XL037