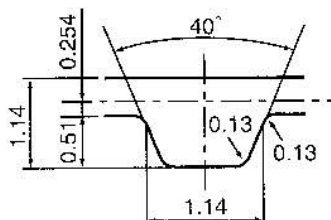


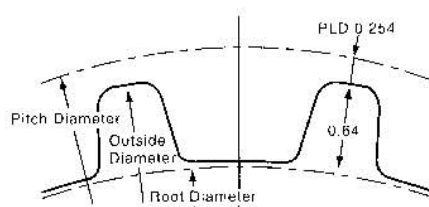
MXL 規格 (齒距: 2.032mm)

表示方法: $\frac{243}{\text{齒數}}$ $\frac{\text{MXL}}{\text{規格}}$ $\frac{6}{\text{寬度mm}}$

■ 皮帶齒型尺寸



■ 齒輪齒型尺寸



■ MXL 皮帶長度

規格	長度(mm)	齒數
B 39 MXL	79.248	39
B 40 MXL	81.280	40
B 41 MXL	83.312	41
B 45 MXL	91.440	45
B 48 MXL	97.536	48
B 49 MXL	99.568	49
B 50 MXL	101.600	50
B 52 MXL	105.644	52
B 53 MXL	107.696	53
B 54 MXL	109.728	54
B 56 MXL	113.792	56
B 58 MXL	117.856	58
B 59 MXL	119.888	59
B 60 MXL	121.920	60
B 61 MXL	123.952	61
B 62 MXL	125.984	62
B 63 MXL	128.016	63
B 64 MXL	130.048	64
B 65 MXL	132.080	65
B 67 MXL	136.144	67
B 68 MXL	138.176	68
B 69 MXL	140.208	69
B 70 MXL	142.240	70
B 71 MXL	144.272	71
B 72 MXL	146.304	72
B 73 MXL	148.336	73
B 74 MXL	150.368	74
B 75 MXL	152.400	75
B 76 MXL	154.432	76
B 77 MXL	156.464	77
B 78 MXL	158.496	78
B 79 MXL	160.528	79
B 80 MXL	162.560	80
B 81 MXL	164.592	81
B 82 MXL	166.624	82
B 83 MXL	168.656	83
B 84 MXL	170.688	84
B 85 MXL	172.720	85
B 86 MXL	174.752	86
B 87 MXL	176.784	87
B 88 MXL	178.816	88
B 89 MXL	180.848	89
B 90 MXL	182.880	90
B 91 MXL	184.912	91
B 92 MXL	186.944	92
B 94 MXL	191.008	94
B 95 MXL	193.040	95
B 97 MXL	197.104	97
B 98 MXL	199.136	98
B 100 MXL	203.200	100

規格	長度(mm)	齒數
B 102 MXL	207.264	102
B 103 MXL	209.296	103
B 104 MXL	211.328	104
B 105 MXL	213.360	105
B 106 MXL	215.392	106
B 107 MXL	217.424	107
B 109 MXL	221.488	109
B 110 MXL	223.520	110
B 112 MXL	227.584	112
B 114 MXL	231.648	114
B 115 MXL	233.680	115
B 117 MXL	237.744	117
B 118 MXL	239.776	118
B 120 MXL	243.840	120
B 122 MXL	247.904	122
B 123 MXL	249.936	123
B 125 MXL	254.000	125
B 126 MXL	256.032	126
B 127 MXL	258.064	127
B 128 MXL	260.096	128
B 129 MXL	262.128	129
B 130 MXL	264.160	130
B 131 MXL	266.192	131
B 132 MXL	268.224	132
B 134 MXL	272.288	134
B 135 MXL	274.320	135
B 136 MXL	276.352	136
B 137 MXL	278.384	137
B 138 MXL	280.416	138
B 140 MXL	284.480	140
B 142 MXL	288.544	142
B 144 MXL	292.608	144
B 148 MXL	300.736	148
B 150 MXL	304.800	150
B 151 MXL	306.832	151
B 154 MXL	312.928	154
B 155 MXL	314.960	155
B 156 MXL	316.992	156
B 158 MXL	321.056	158
B 160 MXL	325.120	160
B 162 MXL	329.184	162
B 163 MXL	331.216	163
B 165 MXL	335.280	165
B 166 MXL	337.312	166
B 167 MXL	339.344	167
B 169 MXL	343.408	169
B 170 MXL	345.440	170
B 171 MXL	347.472	171
B 175 MXL	355.600	175
B 177 MXL	359.664	177

規格	長度(mm)	齒數
B 180 MXL	365.760	180
B 184 MXL	373.888	184
B 186 MXL	377.952	186
B 190 MXL	386.080	190
B 192 MXL	390.144	192
B 194 MXL	394.208	194
B 195 MXL	396.240	195
B 200 MXL	406.400	200
B 205 MXL	416.560	205
B 210 MXL	426.720	210
B 212 MXL	430.784	212
B 216 MXL	438.912	216
B 220 MXL	447.040	220
B 221 MXL	449.072	221
B 222 MXL	451.104	222
B 224 MXL	455.168	224
B 228 MXL	463.296	228
B 230 MXL	467.360	230
B 232 MXL	471.424	232
B 236 MXL	479.552	236
B 239 MXL	485.648	239
B 240 MXL	487.680	240
B 243 MXL	493.776	243
B 248 MXL	503.936	248
B 249 MXL	505.968	249
B 250 MXL	508.000	250
B 251 MXL	510.032	251
B 256 MXL	520.192	256
B 262 MXL	532.384	262
B 265 MXL	538.480	265
B 267 MXL	542.544	267
B 271 MXL	550.672	271
B 273 MXL	554.736	273
B 275 MXL	558.800	275
B 280 MXL	568.960	280
B 285 MXL	579.120	285
B 288 MXL	585.216	288
B 290 MXL	589.280	290
B 295 MXL	599.440	295
B 300 MXL	609.600	300
B 310 MXL	629.920	310
B 312 MXL	633.984	312
B 315 MXL	640.080	315
B 318 MXL	646.176	318
B 323 MXL	656.336	323
B 324 MXL	658.368	324
B 328 MXL	666.496	328
B 330 MXL	670.560	330
B 332 MXL	674.624	332
B 334 MXL	678.688	334

規格	長度(mm)	齒數
B 337 MXL	684.784	337
B 339 MXL	688.848	339
B 340 MXL	690.880	340
B 342 MXL	694.944	342
B 343 MXL	696.976	343
B 347 MXL	705.104	347
B 350 MXL	711.200	350
B 354 MXL	719.328	354
B 356 MXL	723.392	356
B 360 MXL	731.520	360
B 365 MXL	741.680	365
B 371 MXL	753.872	371
B 380 MXL	772.160	380
B 388 MXL	788.416	388
B 390 MXL	792.480	390
B 397 MXL	806.704	397
B 400 MXL	812.800	400
B 402 MXL	816.864	402
B 408 MXL	829.056	408
B 419 MXL	851.408	419
B 420 MXL	853.440	420
B 421 MXL	855.472	421
B 425 MXL	863.600	425
B 427 MXL	867.664	427
B 434 MXL	881.888	434
B 436 MXL	885.952	436
B 442 MXL	898.144	442
B 447 MXL	908.304	447
B 448 MXL	910.336	448
B 453 MXL	920.496	453
B 458 MXL	930.656	458
B 466 MXL	946.912	466
B 472 MXL	959.104	472
B 475 MXL	965.200	475
B 482 MXL	979.424	482
B 487 MXL	989.584	487
B 488 MXL	991.616	488
B 490 MXL	995.680	490
B 497 MXL	1,000.904	497
B 498 MXL	1,011.936	498
B 500 MXL	1,016.000	500
B 522 MXL	1,060.740	522
B 535 MXL	1,087.120	535
B 537 MXL	1,091.184	537
B 540 MXL	1,097.280	540
B 543 MXL	1,103.376	543
B 548 MXL	1,113.536	548
B 571 MXL	1,160.272	571
B 591 MXL	1,200.912	591
B 599 MXL	1,217.168	599
B 612 MXL	1,243.584	612
B 648 MXL	1,316.736	648
B 694 MXL	1,410.208	694

■ MXL 標準皮帶寬度

皮帶寬(mm)	3.2	4.8	6.4	7.9	9.5	12.7
皮帶寬代號	3.2	4.8	6.4	7.9	9.5	12.7

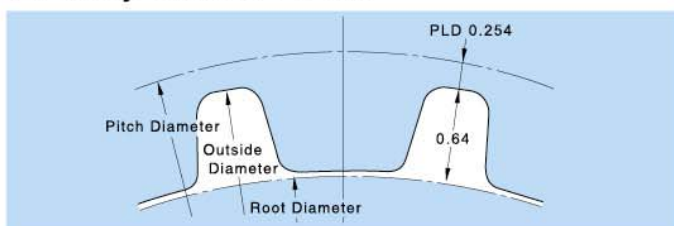
$$\text{齒輪節圓直徑 (PD)} = \frac{P \times N}{\pi}$$

$$\text{齒輪外徑 (OD)} = PD - 2 \times PLD$$

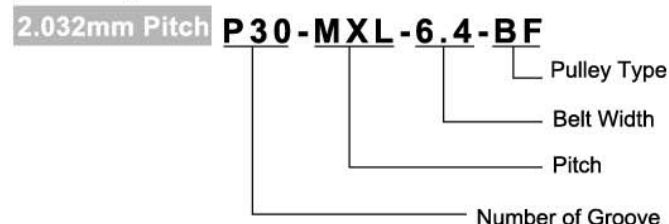
P: 皮帶齒距(mm) $\pi=3.14159$

N: 皮帶齒輪齒數 M×L: PLD: 0.254mm

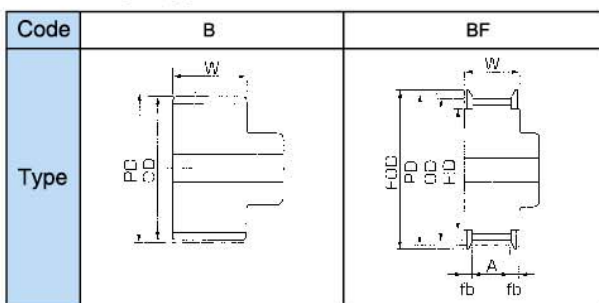
Pulley Groove Profile



Pulley Code



Pulley Type



W·A·fb Dimensions for standard belt width (mm)

Belt Width	3.2	4.8	6.4	7.9	9.5	12.7
W	7.5	9.1	10.7	12.2	13.9	17.5
A _{-0.2} ⁰	4.2	5.8	7.4	8.9	10.6	14.2
fb	1.65	1.65	1.65	1.65	1.65	1.65

Pulley Dimension Table

齒數	OD	PD	FOD
10	5.96	6.47	0
11	6.61	7.11	0
12	7.25	7.76	12
13	7.90	8.41	13
14	8.55	9.06	13
15	9.19	9.70	14
16	9.84	10.35	14
17	10.49	11.00	16
18	11.13	11.64	16
19	11.78	12.29	16
20	12.43	12.94	17
21	13.07	13.58	20
22	13.72	14.23	20
23	14.37	14.88	21
24	15.02	15.52	21
25	15.66	16.17	23
26	16.31	16.82	23
27	16.96	17.46	23
28	17.60	18.11	23
29	18.25	18.76	25
30	18.90	19.40	25
31	19.54	20.05	25
32	20.19	20.70	25
33	20.84	21.34	28
34	21.48	21.99	28

Unit mm

齒數	OD	PD	FOD
35	22.13	22.64	28
36	22.78	23.29	29
37	23.42	23.93	30
38	24.07	24.58	30
39	24.72	25.23	30
40	25.36	25.87	32
41	26.01	26.52	32
42	26.66	27.17	33
43	27.30	27.81	33
44	27.95	28.46	35
45	28.60	29.11	35
46	29.25	29.75	35
47	29.89	30.40	35
48	30.54	31.05	38
49	31.19	31.69	38
50	31.83	32.34	40
56	35.71	36.22	45
60	38.30	38.81	45
64	40.89	41.04	48
70	44.77	45.28	52
72	46.06	46.57	52
78	49.94	50.45	57
80	51.24	51.74	57

XL

規格 (齒距: 5.08mm)

表示方法: 130

13.0 inch長

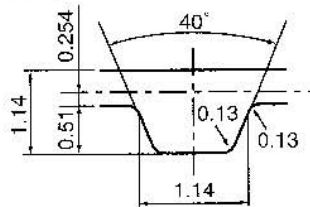
XL

規格

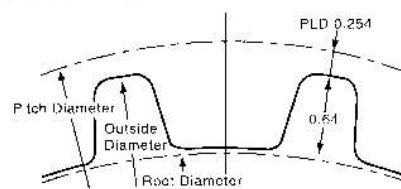
037

0.37 inch=9.5mm寬

皮帶齒型尺寸



齒輪齒型尺寸



XL 皮帶長度

規格	長度(mm)	齒數
50XL	127.000	25
58XL	147.320	29
60XL	152.400	30
70XL	177.800	35
74XL	187.900	37
76XL	193.040	38
78XL	198.120	39
80XL	203.200	40
82XL	208.280	41
84XL	213.360	42
88XL	223.520	44
90XL	228.600	45
92XL	233.680	46
94XL	238.760	47
96XL	243.840	48
98XL	248.920	49
100XL	254.000	50
102XL	259.080	51
104XL	264.160	52
106XL	269.240	53
108XL	274.320	54
110XL	279.400	55
114XL	289.560	57
116XL	294.640	58
118XL	299.720	59
120XL	304.800	60
122XL	309.800	61
126XL	320.040	63
128XL	325.120	64
130XL	330.200	65
136XL	345.400	68
138XL	350.520	69
140XL	355.600	70
142XL	360.680	71
146XL	370.840	73
148XL	375.920	74
150XL	381.000	75
152XL	386.080	76
154XL	391.160	77
156XL	396.240	78
158XL	401.320	79
160XL	406.400	80
162XL	411.480	81
164XL	416.560	82
166XL	421.640	83

規格	長度(mm)	齒數
170XL	431.800	85
172XL	436.880	86
174XL	441.960	87
176XL	447.040	88
178XL	452.120	89
180XL	457.200	90
182XL	462.280	91
184XL	467.360	92
188XL	477.520	94
190XL	482.600	95
192XL	487.680	96
194XL	492.760	97
196XL	497.840	98
198XL	502.920	99
200XL	508.000	100
202XL	513.080	101
204XL	518.160	102
206XL	523.240	103
210XL	533.240	105
212XL	538.480	106
214XL	543.560	107
218XL	553.720	109
220XL	558.800	110
224XL	568.960	112
228XL	579.120	114
230XL	584.200	115
234XL	594.360	117
240XL	609.600	120
244XL	619.760	122
248XL	629.920	124
250XL	635.000	125
258XL	655.320	129
260XL	660.400	130
266XL	675.640	133
270XL	685.800	135
278XL	706.120	139
280XL	711.200	140
290XL	736.600	145
300XL	762.000	150
302XL	767.080	151
310XL	787.400	155
320XL	812.800	160
322XL	817.880	161
332XL	843.280	166
340XL	863.600	170

規格	長度(mm)	齒數
348XL	883.920	174
352XL	894.080	176
356XL	904.240	178
360XL	914.400	180
364XL	924.560	182
372XL	944.880	186
376XL	955.040	188
380XL	965.200	190
384XL	975.360	192
386XL	980.440	193
390XL	990.600	195
396XL	1,005.840	198
400XL	1,016.000	200
404XL	1,026.160	202
412XL	1,046.480	206
444XL	1,127.760	222
450XL	1,143.000	225
454XL	1,153.160	227
460XL	1,168.400	230
470XL	1,193.800	235
490XL	1,244.600	245
498XL	1,264.920	249
522XL	1,325.880	261
532XL	1,351.280	266
540XL	1,371.600	270
560XL	1,422.400	280
580XL	1,473.200	290
630XL	1,600.200	315
648XL	1,645.920	324
670XL	1,701.800	335
810XL	2,057.400	405
860XL	2,184.400	430
888XL	2,255.520	444

XL 標準皮帶寬度

皮帶寬(mm)	6.4	9.5	12.7	19.1	25.4
皮帶寬代號	025	037	050	075	100

$$\text{齒輪節圓直徑 (PD)} = \frac{P \times N}{\pi}$$

$$\text{齒輪外徑 (OD)} = PD - 2 \times PLD$$

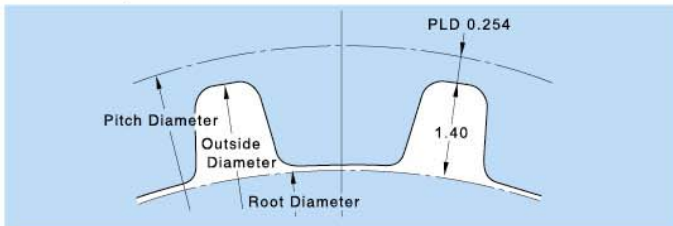
P: 皮帶齒距(mm)

N: 皮帶齒輪齒數

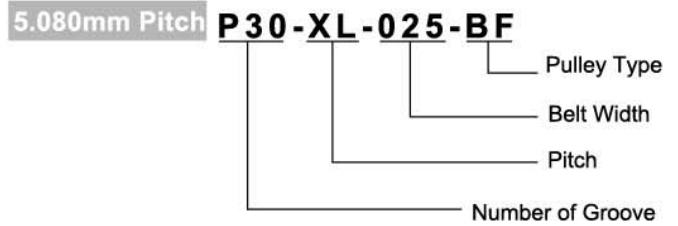
$\pi=3.14159$

XL · PLD : 0.254mm

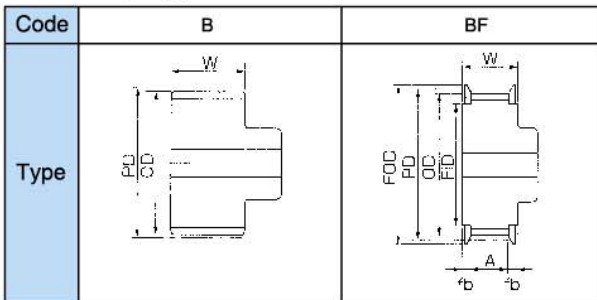
Pulley Groove Profile



Pulley Code



Pulley Type



W·A·fb Dimensions for standard belt width (mm)

Belt Width	025	037	050	075	100
W	11.1	14.3	17.9	24.2	30.6
A ⁰ _{-0.2}	7.4	10.6	14.2	20.5	26.9
fb	1.85	1.85	1.85	1.85	1.85

Pulley Dimension Table

齒數	OD	PD	FOD
10	15.66	16.17	23
11	17.28	17.79	23
12	18.90	19.40	25
13	20.51	21.02	25
14	22.13	22.64	28
15	23.75	24.26	29
16	25.36	25.87	30
17	26.98	27.49	32
18	28.60	29.11	35
19	30.22	30.72	38
20	31.83	32.34	38
21	33.45	33.96	40
22	35.07	35.57	43
23	36.68	37.19	44
24	38.30	38.81	45
25	39.92	40.43	48
26	41.53	42.04	50
27	43.15	43.66	50
28	44.77	45.28	52
29	46.39	46.89	55
30	48.00	48.51	55
31	49.62	50.13	56
32	51.24	51.74	57
33	52.85	53.36	60
34	54.47	54.98	61

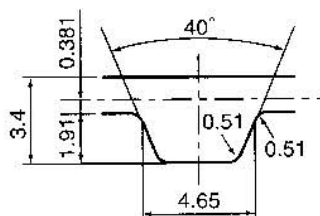
Unit mm

齒數	OD	PD	FOD
35	56.09	56.60	65
36	57.70	58.21	67
37	59.32	59.83	70
38	60.94	61.45	70
39	62.56	63.06	70
40	64.17	64.48	70
41	65.79	66.30	74
42	67.41	67.91	75
43	69.02	69.53	75
44	70.64	71.15	78
45	72.26	72.77	80
46	73.87	74.38	83
47	75.49	76.00	85
48	77.11	77.62	85
49	78.73	79.23	88
50	80.34	80.85	90
52	83.58	84.08	90
55	88.43	88.94	95
56	90.04	90.55	100
58	93.28	93.79	100
60	96.51	97.02	110
64	102.98	103.49	115
70	112.68	113.19	120
72	115.92	116.43	125
80	128.85	129.36	140

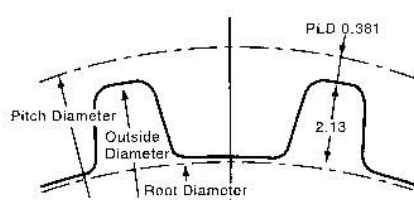
L 規格 (齒距: 9.525mm)

表示方法: $\frac{225}{L} \frac{075}{L}$
 22.5 inch長 ← 規格 → 0.75 inch=19.05mm寬

■ 皮帶齒型尺寸



■ 齒輪齒型尺寸



■ XL 皮帶長度

規格	長度(mm)	齒數
98 L	247.650	26
109 L	276.225	29
124 L	314.325	33
131 L	333.375	35
135 L	342.900	36
150 L	381.000	40
165 L	419.100	44
172 L	438.150	46
187 L	476.250	50
206 L	523.875	55
210 L	533.400	56
225 L	571.500	60
240 L	609.600	64
248 L	628.600	66
255 L	647.700	68
259 L	657.225	69
263 L	666.750	70
270 L	685.800	72
277 L	704.850	74
285 L	723.900	76
300 L	762.000	80
304 L	771.525	81
315 L	800.100	84
319 L	809.625	85
322 L	819.150	86
334 L	847.725	89
345 L	876.300	92
360 L	914.400	96
367 L	933.450	98
378 L	952.500	100

規格	長度(mm)	齒數
390 L	990.600	104
394 L	1,000.125	105
420 L	1,066.800	112
427 L	1,085.850	114
435 L	1,104.900	116
450 L	1,143.000	120
465 L	1,181.100	124
480 L	1,219.200	128
510 L	1,295.400	136
525 L	1,333.500	140
540 L	1,371.600	144
580 L	1,466.850	154
581 L	1,476.375	155
600 L	1,524.000	160
619 L	1,571.625	165
720 L	1,828.800	192
731 L	1,857.375	195
788 L	2,000.250	210
863 L	2,190.750	230
915 L	2,324.100	244
1275 L	3,238.500	340

■ L 標準皮帶寬度

皮帶寬(mm)	9.5	12.7	19.1	25.4	38.1	50.8
皮帶寬代號	037	050	075	100	150	200

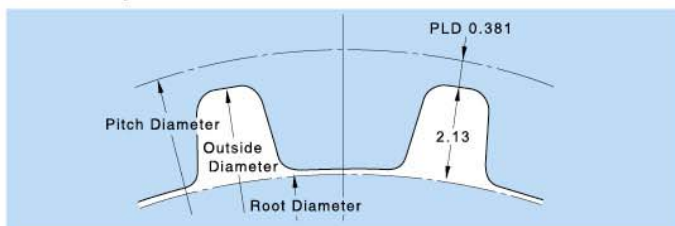
$$\text{齒輪節圓直徑 (PD)} = \frac{P \times N}{\pi}$$

$$\text{齒輪外徑 (OD)} = PD - 2 \times PLD$$

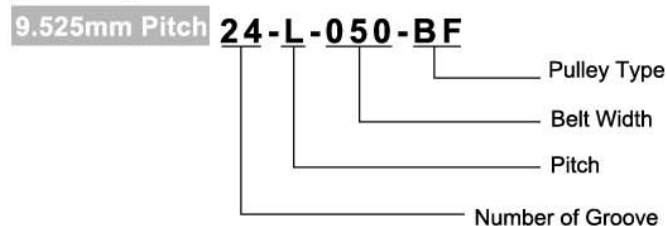
P: 皮帶齒距(mm) $\pi=3.14159$

N: 皮帶齒輪齒數 L · PLD: 0.381mm

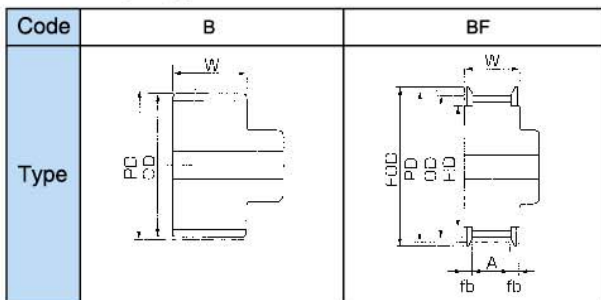
Pulley Groove Profile



Pulley Code



Pulley Type



W·A·fb Dimensions for standard belt width (mm)

Belt Width	037	050	075	100	150	200
W	15.5	19.1	25.4	31.8	44.6	58.1
A _{-0.2} ⁰	10.6	14.2	20.5	26.9	39.7	53.2
fb	2.45	2.45	2.45	2.45	2.45	2.45

Pulley Dimension Table

齒數	OD	PD	FOD
10	29.56	30.32	35
11	32.59	33.35	40
12	35.62	36.38	45
13	38.65	39.41	45
14	41.68	42.45	50
15	44.72	45.48	54
16	47.75	48.51	55
17	50.78	51.54	60
18	53.81	54.57	62
19	56.84	57.61	65
20	59.88	60.64	67
21	62.91	63.67	70
22	65.94	66.70	75
23	68.97	69.73	78
24	72.00	72.77	78
25	75.04	75.80	85
26	78.07	78.83	87
27	81.10	81.86	90
28	84.13	84.89	95
29	87.16	87.93	95
30	90.20	90.96	100
31	93.23	93.99	105
32	96.26	97.02	105
33	99.29	100.05	110
34	102.32	103.08	115

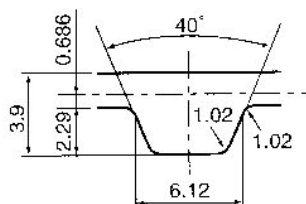
Unit mm

齒數	OD	PD	FOD
35	105.35	106.12	115
36	108.39	109.15	120
37	111.42	112.18	120
38	114.45	115.21	125
39	117.48	118.24	125
40	120.51	121.28	130
41	123.55	124.31	135
42	126.58	127.34	135
43	129.61	130.37	140
44	132.64	133.40	140
45	135.67	136.44	145
46	138.71	139.47	150
47	141.74	142.50	150
48	144.77	145.53	155
49	147.80	148.56	155
50	150.83	151.60	160
52	156.90	157.66	170
55	165.99	166.75	175
56	169.02	169.79	180
58	175.09	175.85	185
60	181.15	181.91	190
64	193.28	194.04	200
70	211.47	212.23	
72	217.53	218.30	
80	241.79	242.55	

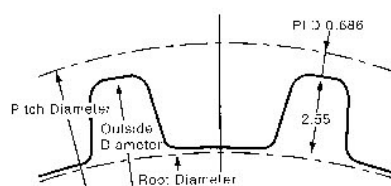
H 規格 (齒距: 12.7mm)

表示方法: $\frac{450}{45.0 \text{ inch 長}} \frac{H}{規格} \frac{100}{1.00 \text{ inch}=2.54\text{mm 寬}}$

■ 皮帶齒型尺寸



■ 齒輪齒型尺寸



■ XL 皮帶長度

規格	長度(mm)	齒數
225 H	571.500	45
230 H	584.200	46
240 H	609.600	48
255 H	647.700	51
270 H	685.800	54
280 H	711.200	56
300 H	762.000	60
315 H	800.100	63
320 H	812.800	64
330 H	838.200	66
360 H	914.400	72
370 H	939.800	74
390 H	990.600	78
400 H	1,016.000	80
410 H	1,041.400	82
420 H	1,066.800	84
430 H	1,092.200	86
450 H	1,143.000	90
465 H	1,181.100	93
480 H	1,219.200	96
490 H	1,244.600	98
510 H	1,295.400	102
540 H	1,371.600	108
560 H	1,422.400	112
570 H	1,447.800	114

規格	長度(mm)	齒數
580 H	1,473.200	116
600 H	1,524.000	120
630 H	1,600.200	126
640 H	1,625.600	128
660 H	1,676.400	132
680 H	1,727.200	136
700 H	1,788.000	140
750 H	1,905.000	150
800 H	2,032.000	160
850 H	2,159.000	170
850 H	2,286.000	180
950 H	2,413.000	190
1000 H	2,540.000	200
1100 H	2,794.000	220
1120 H	2,844.000	224
1130 H	2,870.200	226
1250 H	3,175.000	250
1345 H	3,416.300	269
1400 H	3,556.000	280
1700 H	4,318.000	340

■ H 標準皮帶寬度

皮帶寬(mm)	19.1	25.4	38.1	50.8	63.5	76.2	101.6
皮帶寬代號	075	100	150	200	250	300	400

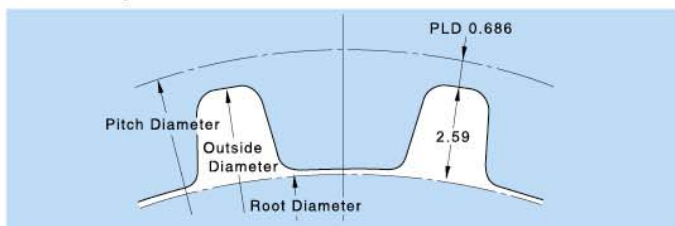
$$\text{齒輪節圓直徑 (PD)} = \frac{P \times N}{\pi}$$

$$\text{齒輪外徑 (OD)} = PD - 2 \times PLD$$

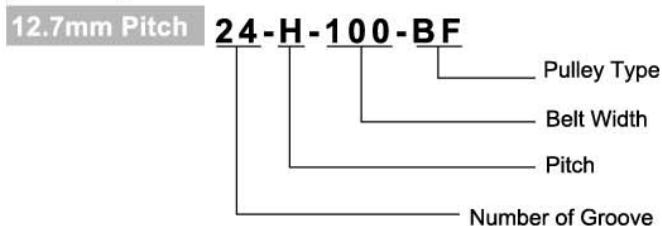
$$P: \text{皮帶齒距(mm)} \quad \pi=3.14159$$

$$N: \text{皮帶齒輪齒數} \quad H \cdot PLD: 0.686\text{mm}$$

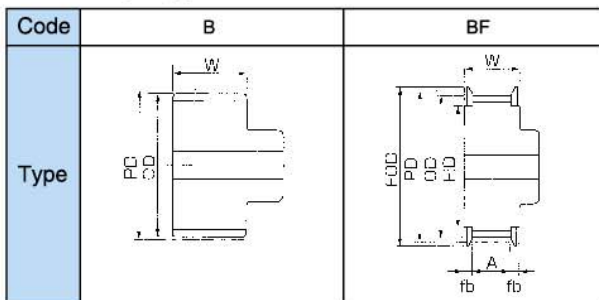
Pulley Groove Profile



Pulley Code



Pulley Type



W·A·fb Dimensions for standard belt width (mm)

Belt Width	075	100	150	200	250	300	400
W	26.8	33.3	46.0	59.5	72.2	85.7	110.8
A _{-0.2} ⁰	20.5	27.0	39.7	53.2	65.9	79.4	104.5
fb	3.15	3.15	3.15	3.15	3.15	3.15	3.15

Pulley Dimension Table

齒 數	OD	PD	FOD
14	55.22	56.60	65
15	59.27	60.64	70
16	63.31	64.68	75
17	67.35	68.72	80
18	71.39	72.77	80
19	75.44	76.81	85
20	79.48	80.85	90
21	83.52	84.89	95
22	87.56	88.94	100
23	91.61	92.98	100
24	95.65	97.02	105
25	99.69	101.06	110
26	103.73	105.11	115
27	107.78	109.15	120
28	111.87	113.19	120
29	115.86	117.23	125
30	119.90	121.28	130
31	123.95	125.32	135
32	127.99	129.36	140
33	132.03	133.40	145
34	136.07	137.45	145
35	140.12	141.49	150
36	144.16	145.53	155
37	148.20	149.57	155
38	152.24	153.62	160

Unit mm

齒 數	OD	PD	FOD
39	156.29	157.66	165
40	160.33	161.70	170
41	164.37	165.74	175
42	168.41	169.79	180
43	172.46	173.83	180
44	176.50	177.87	185
45	180.54	181.91	190
46	184.58	185.96	195
47	188.63	190.00	200
48	192.67	194.04	200
49	196.71	198.08	205
50	200.75	202.13	210
52	208.84	210.21	220
55	220.97	222.34	230
56	225.01	226.38	235
58	233.10	234.47	245
60	241.18	242.55	250
64	257.35	258.72	265
65	261.39	262.76	270
68	273.52	274.89	280
70	281.61	282.98	290
72	289.69	291.06	300
75	301.82	303.19	310
80	322.03	323.40	330

XH 規格

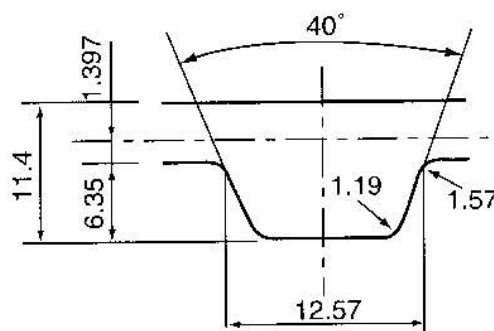
齒距: 22.225mm(7/8")

規格	長度(mm)	齒數
507 XH	1,289.050	58
560 XH	1,422.400	64
630 XH	1,600.200	72
700 XH	1,778.000	80
735 XH	1,866.900	84
770 XH	1,955.800	88
840 XH	2,133.600	96
875 XH	2,222.500	100
910 XH	2,311.400	104
927 XH	2,355.850	106
980 XH	2,489.200	112
1120 XH	2,844.800	128
1260 XH	3,200.400	144
1400 XH	3,556.000	160
1540 XH	3,911.600	176
1750 XH	4,445.000	200

XH 標準皮帶寬

皮帶寬代號	200	300	400
皮帶寬(mm)	50.8	76.2	101.6

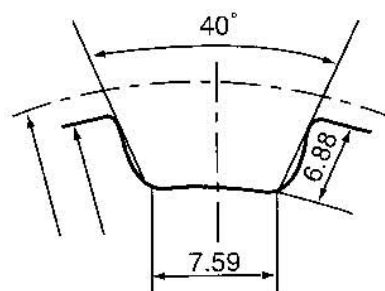
皮帶齒型尺寸



皮帶表示法:

450 XH 200
45.0 inch長 規格 2.00 inch
=50.8mm寬

齒輪齒型尺寸



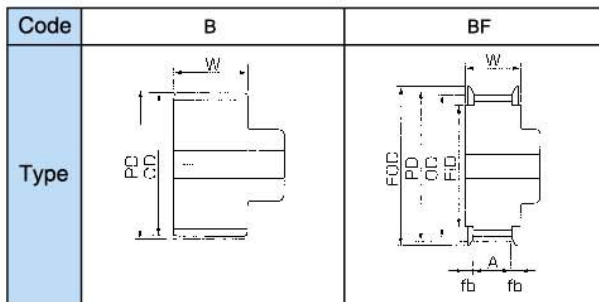
$$\text{齒輪節圓直徑 (PD)} = \frac{P \times N}{\pi}$$

$$\text{齒輪外徑 (OD)} = PD - 2 \times PLD$$

P: 皮帶齒距(mm) $\pi=3.14159$

N: 皮帶齒輪齒數 XH · PLD: 1.397mm

■ XH Pulley Type



■ XH Pulley Code

22.225mm Pitch **20-XH-200-BF**

Number of Groove: 20
Pitch: 22.225mm
Belt Width: 200
Pulley Type: BF

■ W·A·fb Dimensions for standard belt width (mm)

Belt Width	200	300	400	500	600
W	67.0	94.0	121.0	148.0	174.0
A	57.0	84.0	111.0	138.0	164.0

■ Pulley Dimension Table

齒數	PD	OD	C	F
18	127.34	124.55 ^{+0.13} ₀	109.26 ⁰ _{-0.05}	141
19	134.41	131.62 ^{+0.13} ₀	116.76 ⁰ _{-0.05}	148
20	141.49	138.69 ^{+0.13} ₀	123.88 ⁰ _{-0.06}	155
21	148.56	145.77 ^{+0.13} ₀	130.78 ⁰ _{-0.06}	162
22	155.64	152.84 ^{+0.13} ₀	137.68 ⁰ _{-0.06}	169
23	162.71	159.92 ^{+0.13} ₀	144.58 ⁰ _{-0.06}	176
24	169.79	166.99 ^{+0.13} ₀	151.48 ⁰ _{-0.06}	184
25	176.86	174.07 ^{+0.13} ₀	158.48 ⁰ _{-0.06}	191
26	183.94	181.14 ^{+0.15} ₀	165.28 ⁰ _{-0.06}	198
27	191.01	188.22 ^{+0.15} ₀	172.28 ⁰ _{-0.06}	205
28	198.08	195.29 ^{+0.15} ₀	179.38 ⁰ _{-0.06}	212
29	205.16	202.36 ^{+0.15} ₀	186.37 ⁰ _{-0.07}	219
30	212.23	209.44 ^{+0.15} ₀	193.27 ⁰ _{-0.07}	226
31	219.31	216.51 ^{+0.15} ₀	200.17 ⁰ _{-0.07}	233
32	226.38	223.59 ^{+0.15} ₀	207.07 ⁰ _{-0.07}	240
33	233.46	230.66 ^{+0.15} ₀	214.07 ⁰ _{-0.07}	247
34	240.53	237.74 ^{+0.15} ₀	220.97 ⁰ _{-0.07}	254
35	247.61	224.81 ^{+0.15} ₀	227.87 ⁰ _{-0.07}	261
36	254.68	251.89 ^{+0.15} ₀	234.77 ⁰ _{-0.07}	268
37	261.75	258.96 ^{+0.15} ₀	241.77 ⁰ _{-0.07}	275

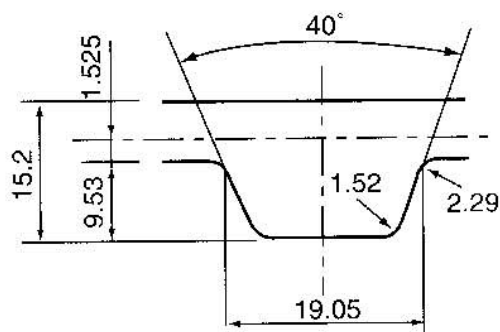
齒數	PD	OD	C	F
38	268.83	266.03 ^{+0.15} ₀	248.57 ⁰ _{-0.07}	283
39	275.90	273.11 ^{+0.15} ₀	255.78 ⁰ _{-0.08}	290
40	282.98	280.18 ^{+0.15} ₀	262.68 ⁰ _{-0.08}	297
41	290.05	287.26 ^{+0.15} ₀	269.58 ⁰ _{-0.08}	304
42	297.13	294.33 ^{+0.15} ₀	276.48 ⁰ _{-0.08}	311
43	304.20	301.41 ^{+0.15} ₀	283.48 ⁰ _{-0.08}	318
44	311.28	308.48 ^{+0.18} ₀	290.38 ⁰ _{-0.08}	325
45	318.35	315.56 ^{+0.18} ₀	297.28 ⁰ _{-0.08}	332
46	325.42	322.63 ^{+0.18} ₀	304.08 ⁰ _{-0.08}	339
47	332.50	329.70 ^{+0.18} ₀	311.08 ⁰ _{-0.08}	346
48	339.57	336.78 ^{+0.18} ₀	318.38 ⁰ _{-0.09}	353
49	346.65	343.85 ^{+0.18} ₀	324.98 ⁰ _{-0.09}	360
50	353.72	350.93 ^{+0.18} ₀	331.98 ⁰ _{-0.09}	367
51	360.80	358.00 ^{+0.18} ₀	338.98 ⁰ _{-0.09}	375
52	367.87	365.08 ^{+0.18} ₀	345.98 ⁰ _{-0.09}	382
58	374.95	372.15 ^{+0.18} ₀	352.98 ⁰ _{-0.09}	389
54	382.02	379.23 ^{+0.18} ₀	359.98 ⁰ _{-0.09}	396
55	389.09	386.30 ^{+0.18} ₀	366.98 ⁰ _{-0.09}	403

XXH 規格

齒距: 31.750mm(1-1/4")

規格	長度(mm)	齒數
700 XH	1,778.000	58
800 XH	2,032.000	64
900 XH	2,286.000	72
1000 XH	2,540.000	80
1200 XH	3,048.000	96
1400 XH	3,556.000	112
1600 XH	4,064.000	128
1800 XH	4,572.000	144

皮帶齒型尺寸



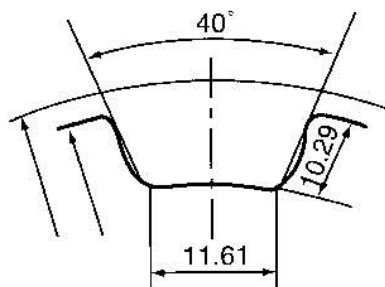
皮帶表示法:

450 XXH 300
140.0 inch 規格 → 3.00 inch
=76.2mm寬

XXH 標準皮帶寬

皮帶寬代號	200	300	400	500
皮帶寬(mm)	50.8	76.2	101.6	127.0

齒輪齒型尺寸



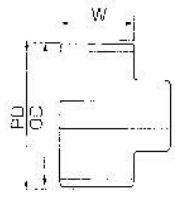
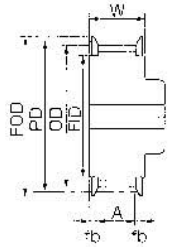
$$\text{齒輪節圓直徑 (PD)} = \frac{P \times N}{\pi}$$

$$\text{齒輪外徑 (OD)} = PD - 2 \times PLD$$

P: 皮帶齒距(mm) $\pi=3.14159$

N: 皮帶齒輪齒數 XXH · PLD: 1.525mm

■ XXH Pulley Type

Code	B	BF
Type		

■ XXH Pulley Code

31.75mm Pitch	20-XH-200-BF	
		Pulley Type
		Belt Width
		Pitch
		Number of Groove

■ W·A·fb Dimensions for standard belt width (mm)

Belt Width	200	300	400	500	600
W	71.0	98.0	125.0	152.0	178.0
A	57.0	84.0	111.0	138.0	164.0

■ Pulley Dimension Table

齒數	PD	OD	C	F
18	181.91	178.87 ^{+0.15} ₀	156.88 ⁰ _{-0.06}	200
19	192.02	188.97 ^{+0.15} ₀	166.88 ⁰ _{-0.06}	211
20	202.13	199.08 ^{+0.15} ₀	176.78 ⁰ _{-0.06}	221
21	212.23	209.19 ^{+0.15} ₀	186.97 ⁰ _{-0.07}	231
22	222.34	219.29 ^{+0.15} ₀	196.87 ⁰ _{-0.07}	241
23	232.45	229.40 ^{+0.15} ₀	206.87 ⁰ _{-0.07}	251
24	242.55	239.50 ^{+0.15} ₀	216.77 ⁰ _{-0.07}	261
25	252.66	249.61 ^{+0.15} ₀	226.77 ⁰ _{-0.07}	271
26	262.77	259.72 ^{+0.15} ₀	236.77 ⁰ _{-0.07}	281
27	272.87	269.82 ^{+0.15} ₀	246.67 ⁰ _{-0.07}	291
28	282.98	279.93 ^{+0.15} ₀	256.88 ⁰ _{-0.08}	302
29	293.08	290.04 ^{+0.15} ₀	266.78 ⁰ _{-0.08}	312
30	303.19	300.14 ^{+0.15} ₀	276.88 ⁰ _{-0.08}	322
31	313.30	310.25 ^{+0.18} ₀	286.78 ⁰ _{-0.08}	332
32	323.40	320.35 ^{+0.18} ₀	296.68 ⁰ _{-0.08}	342
33	333.51	330.46 ^{+0.18} ₀	306.78 ⁰ _{-0.08}	352
34	343.62	340.57 ^{+0.18} ₀	316.88 ⁰ _{-0.09}	362
35	353.72	350.67 ^{+0.18} ₀	326.88 ⁰ _{-0.09}	372
36	363.83	360.78 ^{+0.18} ₀	336.78 ⁰ _{-0.09}	382
37	373.93	370.89 ^{+0.18} ₀	346.78 ⁰ _{-0.09}	392

齒數	PD	OD	C	F
38	384.04	380.99 ^{+0.18} ₀	356.68 ⁰ _{-0.09}	403
39	394.15	391.10 ^{+0.18} ₀	366.68 ⁰ _{-0.09}	413
40	404.25	401.21 ^{+0.18} ₀	376.68 ⁰ _{-0.09}	423
41	414.36	411.31 ^{+0.18} ₀	386.58 ⁰ _{-0.09}	433
42	424.47	421.42 ^{+0.18} ₀	396.58 ⁰ _{-0.09}	443
43	434.57	431.52 ^{+0.18} ₀	406.73 ⁰ _{-0.10}	453
44	444.68	441.63 ^{+0.18} ₀	416.73 ⁰ _{-0.10}	463
45	454.79	451.74 ^{+0.18} ₀	426.73 ⁰ _{-0.10}	473
46	465.89	461.84 ^{+0.18} ₀	436.73 ⁰ _{-0.10}	483
47	475.00	471.95 ^{+0.18} ₀	445.73 ⁰ _{-0.10}	494
48	485.10	482.06 ^{+0.18} ₀	456.63 ⁰ _{-0.10}	504
49	495.21	492.16 ^{+0.18} ₀	466.23 ⁰ _{-0.10}	514
50	505.32	502.27 ^{+0.18} ₀	476.23 ⁰ _{-0.10}	524
51	515.42	512.38 ^{+0.20} ₀	486.23 ⁰ _{-0.10}	534
52	525.53	522.48 ^{+0.20} ₀	496.23 ⁰ _{-0.10}	544
58	535.64	532.59 ^{+0.20} ₀	506.44 ⁰ _{-0.10}	554
54	545.74	542.69 ^{+0.20} ₀	516.44 ⁰ _{-0.10}	564
55	555.85	552.80 ^{+0.20} ₀	526.44 ⁰ _{-0.10}	574

印は常時在庫標準フランジ