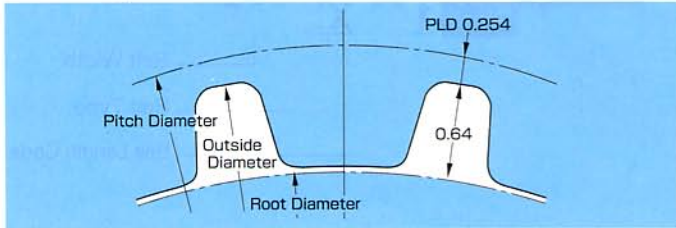
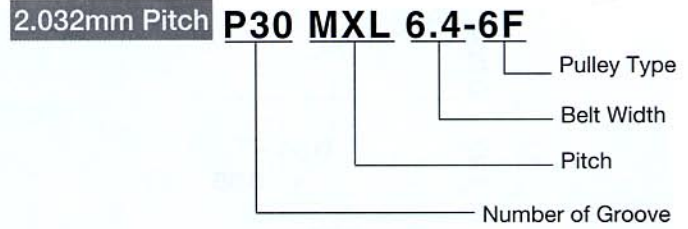




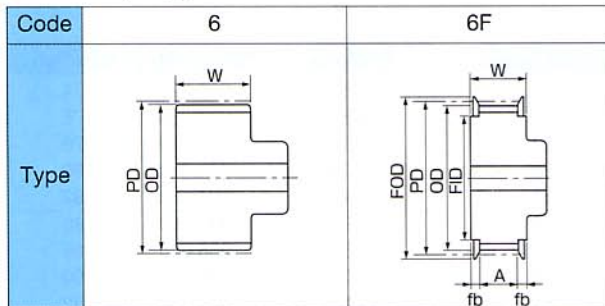
Pulley Groove Profile



Pully 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

No. of Grooves	PD	OD	FID	FOD
10	6.47	5.96		
11	7.11	6.61		
12	7.76	7.25	5.0	12
13	8.41	7.90	6.0	13
14	9.06	8.55	6.0	13
15	9.70	9.19	7.0	14
16	10.35	9.84	7.0	14
17	11.00	10.49	8.0	16
18	11.64	11.13	8.0	16
19	12.29	11.78	8.0	16
20	12.94	12.43	9.0	17
21	13.58	13.07	9.0	17
22	14.23	13.72	12.0	21
23	14.88	14.37	12.5	21
24	15.52	15.02	12.5	21
25	16.17	15.66	12.5	24
26	16.82	16.31	12.5	24
27	17.46	16.96	12.5	24
28	18.11	17.60	12.5	24
29	18.76	18.25	12.5	24
30	19.40	18.90	15.0	25
31	20.05	19.54	15.0	25
32	20.70	20.19	15.0	25
33	21.34	20.84	17.5	28
34	21.99	21.48	17.5	28
35	22.64	22.13	17.5	28
36	23.29	22.78	17.5	28
37	23.93	23.42	20.0	30
38	24.58	24.07	20.0	30
39	25.23	24.72	20.0	30
40	25.87	25.36	20.0	32
41	26.52	26.01	20.0	32
42	27.17	26.66	22.5	33
43	27.81	27.30	22.5	33
44	28.46	27.95	25.0	35
45	29.11	28.60	25.0	35
46	29.75	29.25	25.0	35
47	30.40	29.89	25.0	35
48	31.05	30.54	27.5	40
49	31.69	31.19	27.5	40
50	32.34	31.83	27.5	40
51	32.99	32.48	27.5	40
52	33.63	33.13	27.5	40
53	34.28	33.77	27.5	40
54	34.93	34.42	27.5	40
55	35.57	35.07	31.0	45
56	36.22	35.71	31.0	45
57	36.87	36.36	31.0	45
58	37.51	37.01	31.0	45
59	38.16	37.65	31.0	45
60	38.81	38.30	31.0	45
61	39.46	38.95	31.0	45
62	40.10	39.59	31.0	45
63	40.75	40.24	36.0	48
64	41.40	40.89	36.0	48
65	42.04	41.53	36.0	48
66	42.69	42.18	36.0	48
67	43.34	42.83	36.0	48
68	43.98	43.47	36.0	52
69	44.63	44.12	36.0	52
70	45.28	44.77	36.0	52
71	45.92	45.42	36.0	52
72	46.57	46.06	36.0	52
73	47.22	46.71	41.0	55
74	47.86	47.36	41.0	55
75	48.51	48.00	41.0	55
76	49.16	48.65	41.0	55
77	49.80	49.30	41.0	55
78	50.45	49.94	46.0	58
79	51.10	50.59	46.0	58
80	51.74	51.24	46.0	58
81	52.39	51.88	46.0	58
82	53.04	52.53	46.0	58
83	53.68	53.18	46.0	61
84	54.33	53.82	46.0	61
85	54.98	54.47	46.0	61
86	55.63	55.12	46.0	61
87	56.27	55.76	51.0	67
88	56.92	56.41	51.0	67
89	57.57	57.06	51.0	67
90	58.21	57.70	51.0	67
91	58.86	58.35	51.0	67
92	59.51	59.00	51.0	67
93	60.15	59.64	51.0	67
94	60.80	60.29	51.0	67
95	61.45	60.94	51.0	67
96	62.09	61.59	51.0	67.0
97	62.74	62.23	56.0	70.0
98	63.39	62.88	56.0	70.0
99	64.03	63.53	56.0	70.0
100	64.68	64.17	56.0	70.0
101	65.33	64.82	56.0	70.0
102	65.97	65.47	61.0	76.0
103	66.62	66.11	61.0	76.0
104	67.27	66.76	61.0	76.0
105	67.91	67.41	61.0	76.0
106	68.56	68.05	61.0	76.0
107	69.21	68.70	61.0	76.0
108	69.86	69.35	65.0	77.0
109	70.50	69.99	65.0	77.0
110	71.15	70.64	65.0	77.0
111	71.80	71.29	65.0	77.0
112	72.44	71.93	65.0	77.0
113	73.09	72.58	66.0	83.0
114	73.74	73.23	66.0	83.0
115	74.38	73.87	66.0	83.0
116	75.03	74.52	66.0	83.0
117	75.68	75.17	66.0	83.0
118	76.32	75.82	66.0	83.0
119	76.97	76.46	66.0	83.0
120	77.62	77.11	66.0	83.0
121	78.26	77.76	74.0	86.0
122	78.91	78.40	74.0	86.0
123	79.56	79.05	74.0	86.0
124	80.20	79.70	74.0	86.0
125	80.85	80.34	74.0	86.0
126	81.50	80.99	74.0	86.0
127	82.14	81.64	74.0	86.0
128	82.79	82.28	77.0	90.0
129	83.44	82.93	77.0	90.0
130	84.08	83.58	77.0	90.0
131	84.73	84.22	77.0	90.0
132	85.38	84.87	77.0	90.0
133	86.03	85.52	81.0	93.0
134	86.67	86.16	81.0	93.0
135	87.32	86.81	81.0	93.0
136	87.97	87.46	81.0	93.0
137	88.61	88.10	84.0	96.0
138	89.26	88.75	84.0	96.0
139	89.91	89.40	84.0	96.0
140	90.55	90.04	84.0	96.0
141	91.20	90.69	84.0	96.0
142	91.85	91.34	84.0	96.0
143	92.49	91.99	87.0	99.0
144	93.14	92.63	87.0	99.0
145	93.79	93.28	87.0	99.0
146	94.43	93.93	87.0	99.0
147	95.08	94.57	87.0	99.0
148	95.73	95.22	90.0	102.0
149	96.37	95.87	90.0	102.0
150	97.02	96.51	90.0	102.0

Unit mm

Pulley Pitch Diameter = $\frac{P \times N}{\pi}$

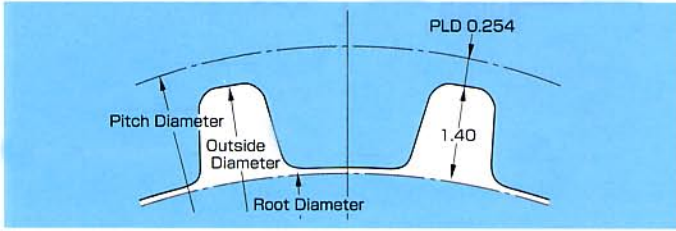
Outside Diameter (OD) = $PD - 2 \times PLD$

P : Belt Pitch (mm)
 N : No. of Grooves
 π : Ratio of Circumference
 MXL · PLD : 0.254mm

XL Pulley

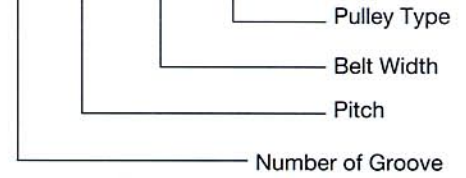


Pulley Groove Profile

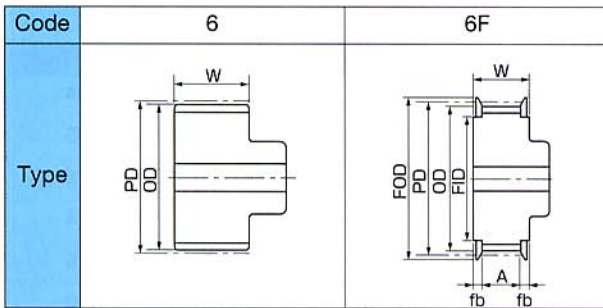


Pully Code

5.080mm Pitch **30 XL 025-6F**



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 _{0.2}	7.4	10.6	14.2	20.5	26.9
fb	1.85	1.85	1.85	1.85	1.85

Pulley Dimension Table

No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD
10	16.17	15.66	12.5	24.0	51	82.47	81.96	75.0	95.0	96	155.23	154.73	140.0	160.0	126	203.74	203.24	—	—
11	17.79	17.28	12.5	24.0	52	84.08	83.58	75.0	95.0	97	156.85	156.34	140.0	164.0	127	205.36	204.85	—	—
12	19.40	18.90	15.0	25.0	53	85.70	85.19	75.0	95.0	98	158.47	157.96	140.0	164.0	128	206.98	206.47	—	—
13	21.02	20.51	17.5	28.0	54	87.32	86.81	80.0	99.0	99	160.08	159.58	140.0	164.0	129	208.59	208.09	—	—
14	22.64	22.13	17.5	28.0	55	88.94	88.43	80.0	99.0	100	161.70	161.19	145.0	168.0	130	210.21	209.70	—	—
15	24.26	23.75	20.0	30.0	56	90.55	90.04	80.0	99.0	101	163.32	162.81	145.0	168.0	131	211.83	211.32	—	—
16	25.87	25.36	20.0	32.0	57	92.17	91.66	80.0	99.0	102	164.94	164.43	150.0	172.0	132	213.45	212.94	—	—
17	27.49	26.98	22.5	33.0	58	93.79	93.28	85.0	103.0	103	166.55	166.04	150.0	172.0	133	215.06	214.55	—	—
18	29.11	28.60	25.0	35.0	59	95.40	94.90	85.0	103.0	104	168.17	167.66	155.0	176.0	134	216.68	216.17	—	—
19	30.72	30.22	25.0	35.0	60	97.02	96.51	90.0	111.0	105	169.79	169.28	155.0	176.0	135	218.30	217.79	—	—
20	32.34	31.83	27.5	40.0	61	98.64	98.13	90.0	111.0	106	171.40	170.90	155.0	180.0	136	219.91	219.41	—	—
21	33.96	33.45	27.5	40.0	62	100.25	99.75	90.0	111.0	107	173.02	172.51	155.0	180.0	137	221.53	221.02	—	—
22	35.57	35.07	31.0	45.0	63	101.87	101.36	90.0	111.0	108	174.64	174.13	155.0	180.0	138	223.15	222.64	—	—
23	37.19	36.68	31.0	45.0	64	103.49	102.98	95.0	115.0	109	176.25	175.75	160.0	184.0	139	224.76	224.26	—	—
24	38.81	38.30	31.0	45.0	65	105.11	104.60	95.0	115.0	110	177.87	177.36	160.0	184.0	140	226.38	225.87	—	—
25	40.43	39.92	36.0	48.0	66	106.72	106.21	95.0	115.0	111	179.49	178.98	160.0	184.0	141	228.00	227.49	—	—
26	42.04	41.53	36.0	48.0	67	108.34	107.83	100.0	119.0	112	181.11	180.60	160.0	184.0	142	229.62	229.11	—	—
27	43.66	43.15	36.0	52.0	68	109.96	109.45	100.0	119.0	113	182.72	182.21	160.0	184.0	143	231.23	230.73	—	—
28	45.28	44.77	41.0	55.0	69	111.57	111.07	100.0	119.0	114	184.34	183.83	170.0	192.0	144	232.85	232.34	—	—
29	46.89	46.39	41.0	55.0	70	113.19	112.68	100.0	119.0	115	185.96	185.45	170.0	192.0	145	234.47	233.96	—	—
30	48.51	48.00	41.0	55.0	71	114.81	114.30	105.0	123.0	116	187.57	187.07	170.0	196.0	146	236.08	235.58	—	—
31	50.13	49.62	46.0	58.0	72	116.43	115.92	105.0	123.0	117	189.19	188.68	170.0	196.0	147	237.70	237.19	—	—
32	51.74	51.24	46.0	58.0	73	118.04	117.53	105.0	127.0	118	190.81	190.30	170.0	196.0	148	239.32	238.81	—	—
33	53.36	52.85	46.0	61.0	74	119.66	119.15	110.0	131.0	119	192.42	191.92	175.0	200.0	149	240.94	240.43	—	—
34	54.98	54.47	46.0	61.0	75	121.28	120.77	110.0	131.0	120	194.04	193.53	175.0	200.0	150	242.55	242.04	—	—
35	56.60	56.09	51.0	67.0	76	122.89	122.39	110.0	131.0	121	195.66	195.15	—	—					
36	58.21	57.70	51.0	67.0	77	124.51	124.00	115.0	135.0	122	197.28	196.77	—	—					
37	59.83	59.32	51.0	67.0	78	126.13	125.62	115.0	135.0	123	198.89	198.38	—	—					
38	61.45	60.94	56.0	70.0	79	127.74	127.24	115.0	135.0	124	200.51	200.00	—	—					
39	63.06	62.56	56.0	70.0	80	129.36	128.85	120.0	140.0	125	202.13	201.62	—	—					
40	64.68	64.17	56.0	70.0	81	130.98	130.47	120.0	140.0										
41	66.30	65.79	61.0	76.0	82	132.60	132.09	120.0	140.0										
42	67.91	67.41	61.0	76.0	83	134.21	133.70	125.0	144.0										
43	69.53	69.02	61.0	76.0	84	135.83	135.32	125.0	144.0										
44	71.15	70.64	61.0	76.0	85	137.45	136.94	125.0	144.0										
45	72.77	72.26	66.0	83.0	86	139.06	138.56	125.0	148.0										
46	74.38	73.87	66.0	83.0	87	140.68	140.17	125.0	148.0										
47	76.00	75.49	66.0	83.0	88	142.30	141.79	125.0	148.0										
48	77.62	77.11	71.0	83.0	89	143.91	143.41	130.0	152.0										
49	79.23	78.73	71.0	88.0	90	145.53	145.02	130.0	152.0										
50	80.85	80.34	71.0	88.0	91	147.15	146.64	135.0	156.0										
					92	148.77	148.26	135.0	156.0										
					93	150.38	149.87	135.0	156.0										
					94	152.00	151.49	140.0	160.0										
					95	153.62	153.11	140.0	160.0										

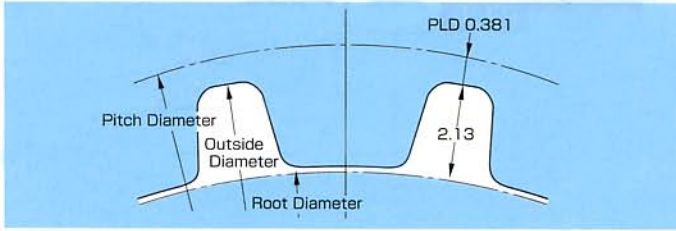
Pulley Pitch
 Diameter = $\frac{P \times N}{\pi}$
 Outside Diameter (OD)
 = PD - 2 × PLD

P : Belt Pitch (mm)
 N : No. of Grooves
 π : Ratio of Circumference
 XL · PLD : 0.254mm

L Pulley

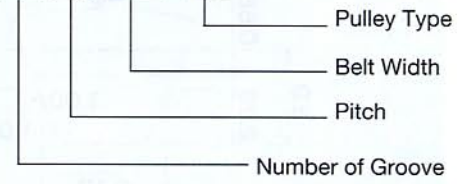


Pulley Groove Profile

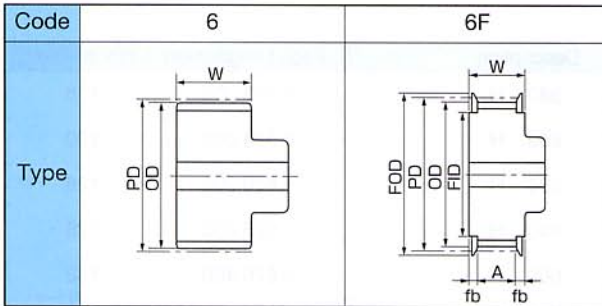


Pully Code

9.525mm Pitch **24 L 050-6F**



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 _{0-0.2}	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

Unit mm

No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD
10	30.32	29.56	25.0	35.0	46	139.47	138.71	125.0	148.0	76	230.42	229.66		
11	33.35	32.59	27.5	40.0	47	142.50	141.74	130.0	152.0	77	233.46	232.69		
12	36.38	35.62	31.0	45.0	48	145.53	144.77	130.0	152.0	78	236.49	235.73		
13	39.41	38.65	31.0	45.0	49	148.56	147.80	135.0	156.0	79	239.52	238.76		
14	42.45	41.68	36.0	48.0	50	151.60	150.83	140.0	160.0	80	242.55	241.79		
15	45.48	44.72	36.0	52.0	51	154.63	153.86	140.0	160.0	81	245.58	244.82		
16	48.51	47.75	41.0	55.0	52	157.66	156.90	145.0	168.0	82	248.62	247.85		
17	51.54	50.78	46.0	58.0	53	160.69	159.93	145.0	168.0	83	251.65	250.89		
18	54.57	53.81	46.0	61.0	54	163.72	162.96	150.0	172.0	84	254.68	253.92		
19	57.61	56.84	51.0	67.0	55	166.75	165.99	150.0	172.0	85	257.71	256.95		
20	60.64	59.88	51.0	67.0	56	169.79	169.02	155.0	176.0	86	260.74	259.98		
21	63.67	62.91	56.0	70.0	57	172.82	172.06	155.0	180.0	87	263.78	263.01		
22	66.70	65.94	61.0	76.0	58	175.85	175.09	160.0	184.0	88	266.81	266.05		
23	69.73	68.97	61.0	76.0	59	178.88	178.12	165.0	188.0	89	269.84	269.08		
24	72.77	72.00	66.0	83.0	60	181.91	181.15	165.0	188.0	90	272.87	272.11		
25	75.80	75.04	66.0	83.0	61	184.95	184.18	170.0	192.0	91	275.90	275.14		
26	78.83	78.07	71.0	88.0	62	187.98	187.22	170.0	196.0	92	278.93	278.17		
27	81.86	81.10	71.0	88.0	63	191.01	190.25	170.0	196.0	93	281.97	281.20		
28	84.89	84.13	75.0	95.0	64	194.04	193.28	175.0	200.0	94	285.00	284.24		
29	87.93	87.16	75.0	95.0	65	197.07	196.31	181.0	203.0	95	288.03	287.27		
30	90.96	90.20	80.0	99.0	66	200.11	199.34			96	291.06	290.30		
31	93.99	93.23	85.0	103.0	67	203.14	202.38			97	294.09	293.33		
32	97.02	96.26	85.0	103.0	68	206.17	205.41			98	297.13	296.36		
33	100.05	99.29	90.0	111.0	69	209.20	208.44			99	300.16	299.40		
34	103.08	102.32	95.0	115.0	70	212.23	211.47			100	303.19	302.43		
35	106.12	105.35	95.0	115.0	71	215.27	214.50			101	306.22	305.46		
36	109.15	108.39	100.0	119.0	72	218.30	217.53			102	309.25	308.49		
37	112.18	111.42	100.0	119.0	73	221.33	220.57			103	312.29	311.52		
38	115.21	114.45	105.0	123.0	74	224.36	223.60			104	315.32	314.56		
39	118.24	117.48	105.0	127.0	75	227.39	226.63			105	318.35	317.59		
40	121.28	120.51	110.0	131.0										
41	124.31	123.55	115.0	135.0										
42	127.34	126.58	115.0	135.0										
43	130.37	129.61	120.0	140.0										
44	133.40	132.64	120.0	140.0										
45	136.44	135.67	125.0	144.0										

$$\text{Pulley Pitch Diameter} = \frac{P \times N}{\pi}$$

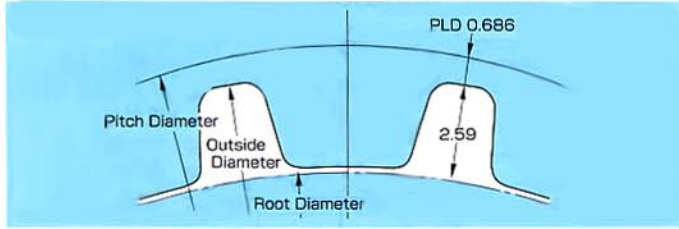
$$\text{Outside Diameter (OD)} = \text{PD} - 2 \times \text{PLD}$$

P : Belt Pitch(mm)
 N : No. of Grooves
 π : Ratio of Circumference
 L · PLD : 0.381mm

H Pulley

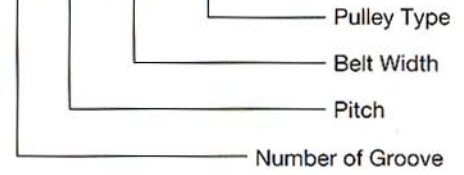


■ Pulley Groove Profile



■ Pulley Code

12.7mm Pitch **24 H 100-6F**



■ Pulley Type

Code	6	6F
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

No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD
14	56.60	55.22	46.0	61.0	51	206.17	204.80	187.0	212.0	81	327.45	326.07	304.0	334.0
15	60.64	59.27	51.0	67.0	52	210.21	208.84	191.0	216.0	82	331.49	330.12	308.0	338.0
16	64.68	63.31	56.0	70.0	53	214.25	212.88	195.0	220.0	83	335.53	334.16	311.0	342.0
17	68.72	67.35	56.0	75.0	54	218.30	216.92	199.0	224.0	84	339.57	338.20	315.0	346.0
18	72.77	71.39	61.0	78.0	55	222.34	220.97	203.0	228.0	85	343.62	342.24	319.0	350.0
19	76.81	75.44	66.0	83.0	56	226.38	225.01	206.0	233.0	86	347.66	346.29	323.0	354.0
20	80.85	79.48	71.0	88.0	57	230.42	229.05	210.0	237.0	87	351.70	350.33	327.0	358.0
21	84.89	83.52	75.0	95.0	58	234.47	233.10	214.0	241.0	88	355.74	354.37	331.0	362.0
22	88.94	87.56	75.0	95.0	59	238.51	237.14	218.0	245.0	89	359.79	358.41	335.0	366.0
23	92.98	91.61	80.0	99.0	60	242.55	241.18	221.7	249.0	90	363.83	362.46	339.0	370.0
24	97.02	95.65	85.0	103.0	61	246.59	245.22	226.0	253.0	91	367.87	366.50	—	—
25	101.06	99.69	90.0	111.0	62	250.64	249.27	229.0	257.0	92	371.91	370.54	—	—
26	105.11	103.73	90.0	111.0	63	254.68	253.31	233.0	261.0	93	375.96	374.58	—	—
27	109.15	107.78	95.0	115.0	64	258.72	257.35	237.0	265.0	94	380.00	378.63	—	—
28	113.19	111.82	100.0	119.0	65	262.76	261.39	241.0	269.0	95	384.04	382.67	—	—
29	117.23	115.86	105.0	123.0	66	266.81	265.44	245.0	273.0	96	388.08	386.71	—	—
30	121.28	119.90	105.0	127.0	67	270.85	269.48	247.0	277.0	97	392.13	390.75	—	—
31	125.32	123.95	110.0	131.0	68	274.89	273.52	253.0	281.0	98	396.17	394.80	—	—
32	129.36	127.99	115.0	135.0	69	278.93	277.56	257.0	285.0	99	400.21	398.84	—	—
33	133.40	132.03	120.0	140.0	70	282.98	281.61	261.0	289.0	100	404.25	402.88	—	—
34	137.45	136.07	125.0	144.0	71	287.02	285.65	265.0	293.0	101	408.30	406.92	—	—
35	141.49	140.12	125.0	148.0	72	291.06	289.69	268.4	297.0	102	412.34	410.97	—	—
36	145.53	144.16	130.0	152.0	73	295.11	293.73	272.0	301.0	103	416.38	415.01	—	—
37	149.57	148.20	135.0	156.0	74	299.15	297.78	276.0	305.0	104	420.42	419.05	—	—
38	153.62	152.24	140.0	160.0	75	303.19	301.82	280.0	309.0	105	424.47	423.09	—	—
39	157.66	156.29	140.0	164.0	76	307.23	305.86	284.0	313.0	106	428.51	427.14	—	—
40	161.70	160.33	145.0	168.0	77	311.28	309.90	288.0	317.0	107	432.55	431.18	—	—
41	165.74	164.37	150.0	172.0	78	315.32	313.95	291.0	321.0	108	436.59	435.22	—	—
42	169.79	168.41	155.0	176.0	79	319.36	317.99	296.0	325.0	109	440.64	439.26	—	—
43	173.83	172.46	155.0	180.0	80	323.40	322.03	300.0	330.0	110	444.68	443.31	—	—
44	177.87	176.50	160.0	184.0										
45	181.91	180.54	165.0	188.0										
46	185.96	184.58	170.0	192.0										
47	190.00	188.63	170.0	196.0										
48	194.04	192.67	175.0	200.0										
49	198.08	196.71	179.0	204.0										
50	202.13	200.75	183.0	208.0										

$$\text{Pulley Pitch Diameter} = \frac{P \times N}{\pi}$$

$$\text{Outside Diameter (OD)} = PD - 2 \times PLD$$

P : Belt Pitch (mm)
 N : No. of Grooves
 π : Ratio of circumference
 H · PLD : 0.686mm