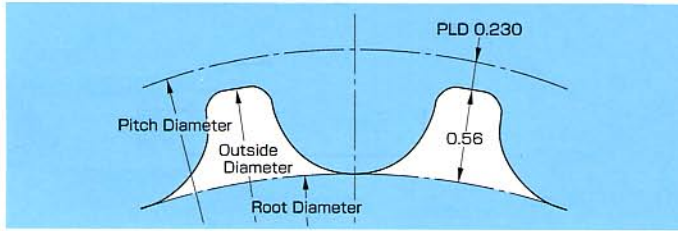


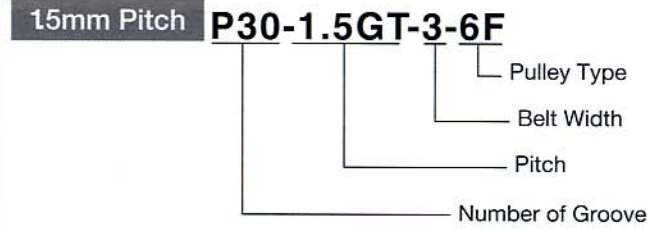
1.5GT Pulley



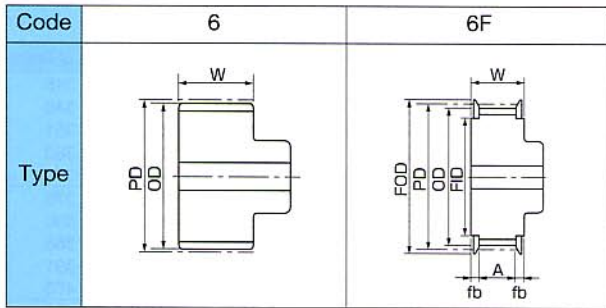
■ Pulley Groove Profile



■ Pulley Code



■ Pulley Type



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

Belt Width	1.5	2.0	2.5	3.0	4.0
W	5.5	6.0	6.5	7.3	8.3
A ⁰ _{-0.2}	2.2	2.7	3.2	4.0	5.0
fb	1.65	1.65	1.65	1.65	1.65

■ Pulley Dimension Table

Unit mm

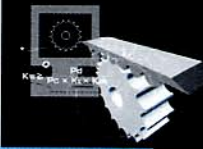
No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD	No. of Grooves	PD	OD	FID	FOD
8	3.82	3.36	—	—	46	21.96	21.50	17.00	25.00	76	36.29	35.83	31.00	40.00
9	4.30	3.84	—	—	47	22.44	21.98	18.00	26.00	77	36.76	36.30	32.00	41.00
10	4.77	4.31	—	—	48	22.92	22.46	18.00	26.00	78	37.24	36.78	32.00	41.00
11	5.25	4.79	—	—	49	23.40	22.94	19.00	28.00	79	37.72	37.26	33.00	42.00
12	5.73	5.27	—	—	50	23.87	23.41	19.00	28.00	80	38.20	37.74	33.00	42.00
13	6.21	5.75	—	—	51	24.35	23.89	19.00	28.00	81	38.67	38.21	34.00	44.00
14	6.68	6.22	5.00	12.00	52	24.83	24.37	20.00	29.00	82	39.15	38.69	34.00	44.00
15	7.16	6.70	5.00	12.00	53	25.31	24.85	20.00	29.00	83	39.63	39.17	34.00	44.00
16	7.64	7.18	5.00	12.00	54	25.78	25.32	20.00	29.00	84	40.11	39.65	36.00	46.00
17	8.12	7.66	5.00	12.00	55	26.26	25.80	21.00	30.00	85	40.58	40.12	36.00	46.00
18	8.59	8.13	6.00	13.00	56	26.74	26.28	21.00	30.00	86	41.06	40.60	36.00	46.00
19	9.07	8.61	6.00	13.00	57	27.22	26.76	22.00	31.00	87	41.54	41.08	36.00	46.00
20	9.55	9.09	7.00	14.00	58	27.69	27.23	22.00	31.00	88	42.02	41.56	36.00	46.00
21	10.03	9.57	7.00	14.00	59	28.17	27.71	23.00	32.00	89	42.49	42.03	38.00	48.00
22	10.50	10.04	7.00	14.00	60	28.65	28.19	23.00	32.00	90	42.97	42.51	38.00	48.00
23	10.98	10.52	7.00	14.00	61	29.13	28.67	24.00	33.00	91	43.45	42.99	38.00	48.00
24	11.46	11.00	8.00	16.00	62	29.60	29.14	24.00	33.00	92	43.93	43.47	40.00	49.00
25	11.94	11.48	8.00	16.00	63	30.08	29.62	25.00	34.00	93	44.40	43.94	40.00	49.00
26	12.41	11.95	9.00	17.00	64	30.56	30.10	25.00	34.00	94	44.88	44.42	40.00	49.00
27	12.89	12.43	9.00	17.00	65	31.04	30.58	26.00	35.00	95	45.36	44.90	40.00	49.00
28	13.37	12.91	9.00	17.00	66	31.51	31.05	26.00	35.00	96	45.84	45.38	42.00	51.00
29	13.85	13.39	10.00	18.00	67	31.99	31.53	27.00	36.00	97	46.31	45.85	42.00	51.00
30	14.32	13.86	10.00	18.00	68	32.47	32.01	27.00	36.00	98	46.79	46.33	42.00	51.00
31	14.80	14.34	11.00	19.00	69	32.95	32.49	28.00	37.00	99	47.27	46.81	42.00	51.00
32	15.28	14.82	11.00	19.00	70	33.42	32.96	28.00	37.00	100	47.75	47.29	44.00	53.00
33	15.76	15.30	12.00	20.00	71	33.90	33.44	29.00	38.00	101	48.22	47.76	44.00	53.00
34	16.23	15.77	12.00	20.00	72	34.38	33.92	29.00	38.00	102	48.70	48.24	44.00	53.00
35	16.71	16.25	13.00	22.00	73	34.85	34.39	30.00	39.00	103	49.18	48.72	46.00	55.00
36	17.19	16.73	13.00	22.00	74	35.33	34.87	30.00	39.00	104	49.66	49.20	46.00	55.00
37	17.67	17.21	13.00	22.00	75	35.81	35.35	31.00	40.00	105	50.13	49.67	46.00	55.00
38	18.14	17.68	13.00	22.00										
39	18.62	18.16	14.00	23.00										
40	19.10	18.64	14.00	23.00										
41	19.58	19.12	15.00	24.00										
42	20.05	19.59	15.00	24.00										
43	20.53	20.07	17.00	25.00										
44	21.01	20.55	17.00	25.00										
45	21.49	21.03	17.00	25.00										

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

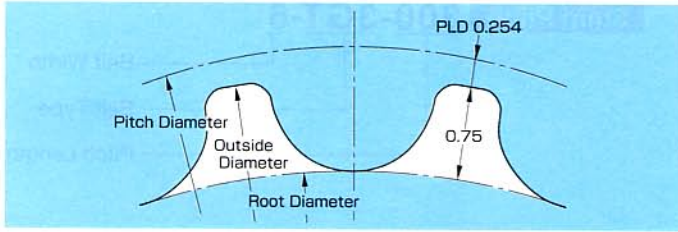
$$\text{Outside Diameter (OD)} = \text{PD} - 2 \times \text{PLD}$$

P : Belt Pitch (mm)
 N : No. of Grooves
 π : Ratio of Circumference
 1.5GT · PLD : 0.230mm

2GT Pulley



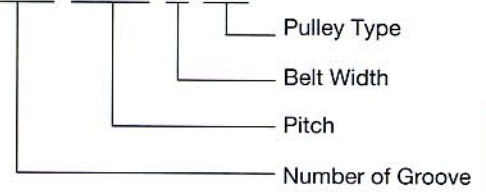
Pulley Groove Profile



Pully Code

2mm Pitch

P30-2GT-4-6F



Pulley Type

Code	6	6F
Type		

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

Belt Width	2.0	3.0	4.0	6.0	9.0	12.0	15.0
W	6.0	7.3	8.3	10.3	13.3	16.5	19.5
A ⁰ _{-0.2}	2.7	4.0	5.0	7.0	10.0	13.2	16.2
fb	1.65	1.65	1.65	1.65	1.65	1.65	1.65

2

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
8	5.09	4.58	—	—	46	29.28	28.78	25.00	34.00	76	48.38	47.88	44.00	56.00
9	5.73	5.22	—	—	47	29.92	29.41	25.00	34.00	77	49.02	48.51	44.00	56.00
10	6.37	5.86	—	—	48	30.56	30.05	26.00	35.00	78	49.66	49.15	44.00	56.00
11	7.00	6.49	—	—	49	31.19	30.69	27.00	36.00	79	50.29	49.78	44.00	56.00
12	7.64	7.13	5.00	12.00	50	31.83	31.32	27.00	36.00	80	50.93	50.42	44.00	56.00
13	8.28	7.77	6.00	13.00	51	32.47	31.96	28.00	37.00	81	51.57	51.06	44.00	56.00
14	8.91	8.40	6.00	13.00	52	33.10	32.60	29.00	38.00	82	52.20	51.69	47.00	59.00
15	9.55	9.04	7.00	14.00	53	33.74	33.23	29.00	38.00	83	52.84	52.33	47.00	59.00
16	10.19	9.68	7.00	14.00	54	34.38	33.87	30.00	39.00	84	53.48	52.97	47.00	59.00
17	10.82	10.31	8.00	16.00	55	35.01	34.51	31.00	40.00	85	54.11	53.60	47.00	59.00
18	11.46	10.95	8.00	16.00	56	35.65	35.14	31.00	40.00	86	54.75	54.24	49.00	61.00
19	12.10	11.59	8.00	16.00	57	36.29	35.78	32.00	41.00	87	55.39	54.88	49.00	61.00
20	12.73	12.22	9.00	17.00	58	36.92	36.42	32.00	41.00	88	56.02	55.51	49.00	61.00
21	13.37	12.86	10.00	18.00	59	37.56	37.05	33.00	42.00	89	56.66	56.15	49.00	61.00
22	14.01	13.50	10.00	18.00	60	38.20	37.69	33.00	42.00	90	57.30	56.79	50.00	63.00
23	14.64	14.13	11.00	19.00	61	38.83	38.33	34.00	44.00	91	57.93	57.42	50.00	63.00
24	15.28	14.77	12.00	20.00	62	39.47	38.96	34.00	44.00	92	58.57	58.06	52.00	64.00
25	15.92	15.41	12.00	20.00	63	40.11	39.60	36.00	46.00	93	59.21	58.70	52.00	64.00
26	16.55	16.04	12.00	21.00	64	40.74	40.24	36.00	46.00	94	59.84	59.33	52.00	64.00
27	17.19	16.68	13.00	22.00	65	41.38	40.87	36.00	46.00	95	60.48	59.97	54.00	66.00
28	17.83	17.32	14.00	23.00	66	42.02	41.51	38.00	48.00	96	61.12	60.61	54.00	66.00
29	18.46	17.95	14.00	23.00	67	42.65	42.15	38.00	48.00	97	61.75	61.24	54.00	66.00
30	19.10	18.59	15.00	24.00	68	43.29	42.78	38.00	48.00	98	62.39	61.88	55.00	67.00
31	19.74	19.23	15.00	24.00	69	43.93	43.42	38.00	48.00	99	63.03	62.52	55.00	67.00
32	20.37	19.86	17.00	25.00	70	44.56	44.06	40.00	49.00	100	63.66	63.15	58.00	71.00
33	21.01	20.50	17.00	25.00	71	45.20	44.69	40.00	49.00	101	64.30	63.79	58.00	71.00
34	21.65	21.14	18.00	27.00	72	45.84	45.33	42.00	51.00	102	64.94	64.43	58.00	71.00
35	22.28	21.77	18.00	27.00	73	46.47	45.97	42.00	51.00	103	65.57	65.06	58.00	71.00
36	22.92	22.41	18.00	27.00	74	47.11	46.60	42.00	55.00	104	66.21	65.70	58.00	71.00
37	23.55	23.05	19.00	28.00	75	47.75	47.24	42.00	55.00	105	66.84	66.34	62.00	74.00
38	24.19	23.68	20.00	29.00										
39	24.83	24.32	20.00	29.00										
40	25.46	24.96	21.00	30.00										
41	26.10	25.59	22.00	31.00										
42	26.74	26.23	22.00	31.00										
43	27.37	26.87	23.00	32.00										
44	28.01	27.50	23.00	32.00										
45	28.65	28.14	24.00	33.00										

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

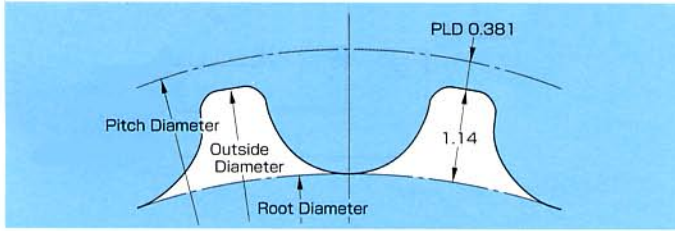
$$\text{Outside Diameter (OD)} = \text{PD} - 2 \times \text{PLD}$$

P : Belt Pitch (mm)
 N : No. of Grooves
 π : Ratio of Circumference
 2GT · PLD : 0.254mm

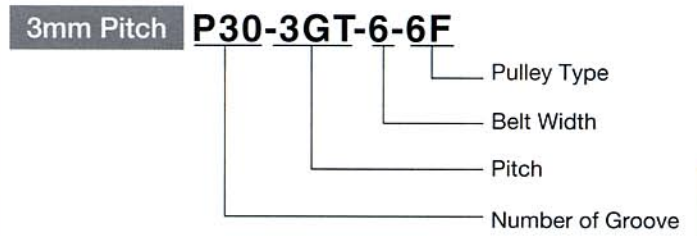
3GT Pulley



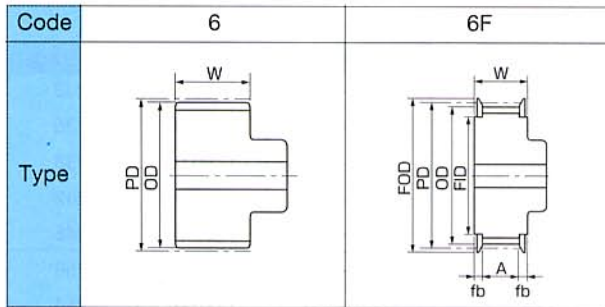
Pulley Groove Profile



Pully Code



Pulley Type



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

Belt Width	4.0	6.0	9.0	12.0	15.0	20.0
W	9.0	11.0	14.0	17.0	20.0	25.0
A ⁰ _{-0.2}	5.3	7.3	10.3	13.3	16.3	21.3
fb	1.85	1.85	1.85	1.85	1.85	1.85

Pulley Dimension Table

No. of Grooves	PD	OD	FID	FOD
10	9.55	8.79	6.00	13.00
11	10.50	9.74	7.00	14.00
12	11.46	10.70	7.00	15.00
13	12.41	11.65	8.00	16.00
14	13.37	12.61	9.00	17.00
15	14.32	13.56	10.00	18.00
16	15.28	14.52	11.00	19.00
17	16.23	15.47	12.00	20.00
18	17.19	16.43	12.00	21.00
19	18.14	17.38	13.00	22.00
20	19.10	18.34	14.00	23.00
21	20.05	19.29	15.00	24.00
22	21.01	20.25	16.00	24.00
23	21.96	21.20	17.00	25.00
24	22.92	22.16	18.00	26.00
25	23.87	23.11	18.00	27.00
26	24.83	24.07	19.00	28.00
27	25.78	25.02	20.00	29.00
28	26.74	25.98	21.00	30.00
29	27.69	26.93	22.00	31.00
30	28.65	27.89	23.00	32.00
31	29.60	28.84	24.00	33.00
32	30.56	29.80	25.00	34.00
33	31.51	30.75	26.00	35.00
34	32.47	31.71	27.00	36.00
35	33.42	32.66	28.00	37.00
36	34.38	33.62	29.00	38.00
37	35.33	34.57	30.00	39.00
38	36.29	35.52	31.00	40.00
39	37.24	36.48	32.00	41.00
40	38.20	37.44	33.00	42.00
41	39.15	38.39	34.00	43.00
42	40.11	39.35	34.00	44.00
43	41.06	40.30	35.00	45.00
44	42.02	41.25	36.00	46.00
45	42.97	42.21	37.00	47.00
46	43.93	43.16	38.00	48.00
47	44.88	44.12	39.00	49.00
48	45.84	45.07	40.00	49.00
49	46.79	46.03	41.00	50.00
50	47.75	46.98	42.00	51.00
51	48.70	47.94	43.00	52.00
52	49.66	48.89	44.00	53.00
53	50.61	49.85	45.00	54.00
54	51.57	50.80	46.00	55.00
55	52.52	51.76	47.00	56.00
56	53.48	52.71	48.00	57.00
57	54.43	53.67	49.00	58.00
58	55.39	54.62	50.00	59.00
59	56.34	55.58	51.00	60.00
60	57.30	56.53	52.00	61.00
61	58.25	57.49	53.00	62.00
62	59.21	58.44	54.00	63.00
63	60.16	59.40	53.00	64.00
64	61.12	60.35	56.00	65.00
65	62.07	61.31	56.00	66.00
66	63.03	62.26	57.00	67.00
67	63.98	63.22	58.00	68.00
68	64.94	64.17	59.00	69.00
69	65.89	65.13	60.00	70.00
70	66.85	66.08	61.00	70.00
71	67.80	67.04	62.00	71.00
72	68.75	67.99	63.00	72.00
73	69.71	68.95	64.00	73.00
74	70.66	69.90	65.00	74.00
75	71.62	70.86	66.00	75.00
76	72.57	71.81	67.00	76.00
77	73.53	72.77	68.00	77.00
78	74.48	73.72	69.00	78.00
79	75.44	74.68	70.00	79.00
80	76.39	75.63	71.00	80.00
81	77.35	76.59	72.00	81.00
82	78.30	77.54	73.00	82.00
83	79.26	78.50	74.00	83.00
84	80.21	79.45	75.00	84.00
85	81.17	80.41	76.00	85.00
86	82.12	81.36	76.00	86.00
87	83.08	82.32	77.00	87.00
88	84.03	83.27	78.00	88.00
89	84.99	84.23	79.00	89.00
90	85.94	85.18	80.00	90.00
91	86.90	86.14	81.00	91.00
92	87.85	87.09	82.00	91.00
93	88.81	88.05	83.00	92.00
94	89.76	89.00	84.00	93.00
95	90.72	89.96	85.00	94.00
96	91.67	90.91	86.00	95.00
97	92.63	91.87	87.00	96.00
98	93.58	92.82	88.00	97.00
99	94.54	93.78	89.00	98.00
100	95.49	94.73	90.00	99.00
101	96.45	95.69	90.00	100.00
102	97.40	96.64	91.00	101.00
103	98.36	97.60	92.00	102.00
104	99.31	98.55	93.00	103.00
105	100.27	99.51	94.00	104.00
106	101.22	100.46	95.00	105.00
107	102.18	101.42	96.00	106.00
108	103.13	102.37	97.00	107.00
109	104.09	103.33	98.00	108.00
110	105.04	104.28	99.00	109.00
111	106.00	105.24	100.00	110.00
112	106.95	106.19	101.00	111.00
113	107.91	107.15	102.00	112.00
114	108.86	108.10	103.00	113.00
115	109.82	109.05	104.00	113.00
116	110.77	110.01	105.00	114.00
117	111.73	110.96	106.00	115.00
118	112.68	111.92	107.00	116.00
119	113.64	112.87	108.00	117.00
120	114.59	113.83	109.00	118.00
121	115.55	114.78	110.00	119.00
122	116.50	115.74	111.00	120.00
123	117.46	116.69	112.00	121.00
124	118.41	117.65	113.00	122.00
125	119.37	118.60	114.00	123.00
126	120.32	119.56	115.00	124.00
127	121.28	120.51	116.00	125.00
128	122.23	121.47	117.00	126.00
129	123.19	122.42	118.00	127.00
130	124.14	123.38	118.00	128.00
131	125.10	124.33	119.00	129.00
132	126.05	125.29	120.00	130.00
133	127.01	126.24	121.00	131.00
134	127.96	127.20	122.00	132.00
135	128.92	128.15	123.00	133.00
136	129.87	129.11	124.00	134.00
137	130.83	130.06	125.00	134.00
138	131.78	131.02	126.00	135.00
139	132.74	131.97	127.00	136.00
140	133.69	132.93	128.00	137.00
141	134.65	133.88	129.00	138.00
142	135.60	134.84	130.00	139.00
143	136.55	135.79	131.00	140.00
144	137.51	136.75	132.00	141.00
145	138.46	137.70	133.00	142.00

Unit mm

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

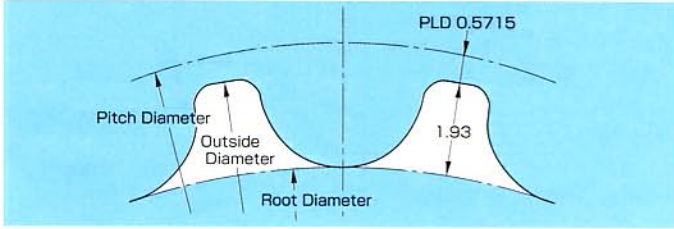
Outside Diameter (OD) = $PD - 2 \times PLD$

P : Belt Pitch (mm)
 N : No. of Grooves
 π : Ratio of Circumference
 3GT · PLD : 0.381mm

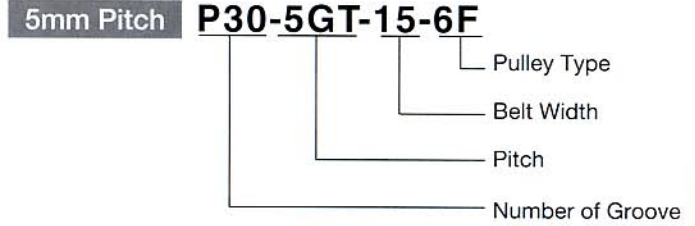
5GT Pulley



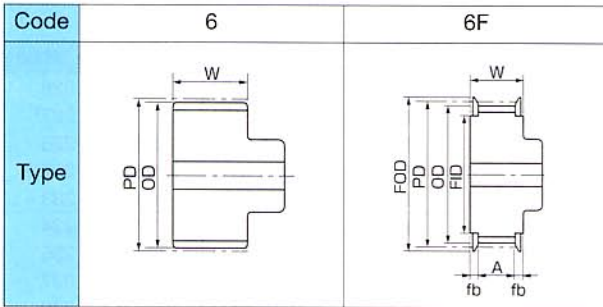
Pulley Groove Profile



Pully Code



Pulley Type



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

Belt Width	19.0	15.0	20.0	25.0	30.0	40.0
W	14.0	20.0	25.0	30.0	35.0	45.0
A _{0.2} ⁰	10.3	16.3	21.3	26.3	31.3	41.3
fb	1.85	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
14	22.28	21.14	16.00	26.00	51	81.17	80.03	73.00	85.00	91	144.83	143.69	136.00	149.00	121	192.58	191.43	184.00	196.00
15	23.87	22.73	17.00	27.00	52	82.76	81.62	74.00	86.00	92	146.42	145.28	138.00	150.00	122	194.17	193.03	186.00	198.00
16	25.46	24.32	19.00	29.00	53	84.35	83.21	76.00	88.00	93	148.01	146.87	139.00	152.00	123	195.76	194.62	187.00	200.00
17	27.06	25.91	20.00	31.00	54	85.94	84.80	77.00	90.00	94	149.61	148.46	141.00	153.00	124	197.35	196.21	189.00	201.00
18	28.65	27.50	22.00	32.00	55	87.54	86.39	79.00	91.00	95	151.20	150.05	143.00	155.00	125	198.94	197.80	190.00	203.00
19	30.24	29.10	23.00	34.00	56	89.13	87.98	81.00	93.00	96	152.79	151.65	144.00	157.00	126	200.54	199.39	192.00	204.00
20	31.83	30.69	24.00	35.00	57	90.72	89.58	82.00	94.00	97	154.38	153.24	146.00	158.00	127	202.13	200.98	193.00	206.00
21	33.42	32.28	26.00	37.00	58	92.31	91.17	84.00	96.00	98	155.97	154.83	147.00	160.00	128	203.72	202.58	195.00	207.00
22	35.01	33.87	27.00	39.00	59	93.90	92.76	85.00	98.00	99	157.56	156.42	149.00	161.00	129	205.31	204.17	197.00	209.00
23	36.61	35.46	29.00	40.00	60	95.49	94.35	87.00	99.00	100	159.15	158.01	151.00	163.00	130	206.90	205.76	198.00	211.00
24	38.20	37.05	30.00	42.00	61	97.08	95.94	89.00	101.00	101	160.75	159.60	152.00	165.00	131	208.49	207.35	200.00	212.00
25	39.79	38.65	32.00	43.00	62	98.68	97.53	90.00	102.00	102	162.34	161.20	154.00	166.00	132	210.08	208.94	201.00	214.00
26	41.38	40.24	33.00	45.00	63	100.27	99.12	92.00	104.00	103	163.93	162.79	155.00	168.00	133	211.68	210.53	203.00	215.00
27	42.97	41.83	34.00	47.00	64	101.86	100.72	93.00	106.00	104	165.52	164.38	157.00	169.00	134	213.27	212.12	205.00	217.00
28	44.56	43.42	36.00	48.00	65	103.45	102.31	95.00	107.00	105	167.11	165.97	158.00	171.00	135	214.86	213.72	206.00	219.00
29	46.15	45.01	38.00	50.00	66	105.04	103.90	96.00	109.00	106	168.70	167.56	160.00	172.00	136	216.45	215.31	208.00	220.00
30	47.75	46.60	39.00	51.00	67	106.63	105.49	98.00	110.00	107	170.30	169.15	162.00	174.00	137	218.04	216.90	209.00	222.00
31	49.34	48.20	41.00	53.00	68	108.23	107.08	100.00	112.00	108	171.89	170.74	163.00	176.00	138	219.63	218.49	211.00	223.00
32	50.93	49.79	42.00	55.00	69	109.82	108.67	101.00	114.00	109	173.48	172.48	165.00	177.00	139	221.23	220.08	213.00	225.00
33	52.52	51.38	44.00	56.00	70	111.41	110.27	103.00	115.00	110	175.07	173.93	166.00	179.00	140	222.82	221.67	214.00	227.00
34	54.11	52.97	46.00	58.00	71	113.00	111.86	104.00	117.00	111	176.66	175.52	168.00	180.00	141	224.41	223.27	216.00	228.00
35	55.70	54.56	47.00	59.00	72	114.59	113.45	106.00	118.00	112	178.25	177.11	170.00	182.00	142	226.00	224.86	217.00	230.00
36	57.30	56.15	49.00	61.00	73	116.18	115.04	108.00	120.00	113	179.85	178.70	171.00	184.00	143	227.59	226.45	219.00	231.00
37	58.89	57.74	50.00	63.00	74	117.77	116.63	109.00	122.00	114	181.44	180.29	173.00	185.00	144	229.18	228.04	221.00	233.00
38	60.48	59.34	52.00	64.00	75	119.37	118.22	111.00	123.00	115	183.03	181.89	174.00	187.00	145	230.77	229.63	222.00	235.00
39	62.07	60.93	54.00	66.00	76	120.96	119.81	112.00	125.00	116	184.62	183.48	176.00	188.00	146	232.37	231.22	224.00	236.00
40	63.66	62.52	55.00	67.00	77	122.55	121.41	114.00	126.00	117	186.21	185.07	178.00	190.00	147	233.96	233.81	225.00	238.00
41	62.25	64.11	57.00	69.00	78	124.14	123.00	116.00	128.00	118	187.80	186.66	179.00	192.00	148	235.55	234.41	227.00	239.00
42	66.85	65.70	58.00	71.00	79	125.73	124.59	117.00	129.00	119	189.39	188.25	181.00	193.00	149	237.14	236.00	229.00	241.00
43	68.44	67.29	60.00	72.00	80	127.32	126.18	119.00	131.00	120	190.99	189.84	182.00	195.00	150	238.73	237.59	230.00	242.00
44	70.03	68.89	62.00	74.00	81	128.92	127.77	120.00	133.00										
45	71.62	70.48	63.00	75.00	82	130.51	129.36	122.00	134.00										
46	73.21	72.07	65.00	77.00	83	132.10	130.96	124.00	136.00										
47	74.80	73.66	66.00	79.00	84	133.69	132.55	125.00	137.00										
48	76.39	75.25	68.00	80.00	85	135.28	134.14	127.00	139.00										
49	77.99	76.84	69.00	82.00	86	136.87	135.73	128.00	141.00										
50	79.58	78.43	71.00	83.00	87	138.46	137.32	130.00	142.00										
					88	140.06	138.91	132.00	144.00										
					89	141.65	140.50	133.00	145.00										
					90	143.24	142.10	135.00	147.00										

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
 5GT · PLD : 0.5715mm