

For the sake of completeness, the three additional belt profiles shown in **Figure 19j, 19k and 19l** are used in Europe and are sometimes found on machinery imported from Europe and Japan. They are not produced in the U.S.A. and are not covered by RMA standards. The belts are made of polyurethane, and steel is usually used as the tension member.

As described in previous sections, the presently known most advantageous belt tooth configuration is the Gates PowerGrip GT2. This is a result of continuous improvement of the previous HTD tooth profile. The HTD profile is protected by U.S. Patent Number 4,337,056, whereas the GT2 profile is described in U.S. Patent Number 4,515,577.

Pulleys for these belt profiles are usually available from manufacturers licensed by Gates Rubber Company. Stock Drive Products is one of the companies who can supply a full range of these pulleys as standards or specials, per customers' drawings.


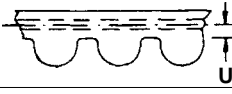

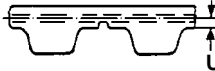
SECTION 8 PULLEY PITCH AND OUTSIDE DIAMETERS

Pulley and belt geometry as indicated in **Figure 1** shows reference to a Pitch Circle, which is larger than the pulley itself. Its size is determined by the relationship:

$$pd = \frac{PN}{\pi} \quad (8-1)$$

where P is the belt tooth spacing (pitch) and N is the number of teeth on the pulley. The reinforcing cord centerline will coincide with the pulley pitch diameter while the belt is in contact with the pulley. At the same time, the outside diameter of the pulley will be in contact with the bottom of the belt tooth. Hence, the distance " U " between the reinforcing cord centerline and the bottom of the belt tooth will determine the outside diameters of pulleys for different pitches. See **Table 4**.

Table 4 Basic Belt Dimensions

Distance from Pitch Line to Belt Tooth Bottom " U "	Common Description	Pulley O.D. O.D. = $pd - 2U$
.010 inches .007 inches .010 inches .015 inches	0.080" MXL 40 D.P. 1/5" XL 3/8" L	
.015 inches .0225 inches .027 inches	3 mm HTD 5 mm HTD 8 mm HTD	
.010 inches .015 inches .0225 inches	2 mm GT2 3 mm GT2 5 mm GT2	
0.3 millimeters 0.5 millimeters 1.0 millimeters	T2.5 (2.5 mm) T5 (5 mm) T10 (10 mm)	

Due to the particular geometry of the 8 mm HTD belts, some corrections are needed for small-size pulleys only. Hence, consult pulley specifications tables given later in this text, pertaining to the 8 mm HTD pulley.

As previously noted, the pitch and the number of teeth will determine the pitch diameter of the pulley, whereas its outside diameter will depend on the " U " dimension (distance from tooth bottom to centerline of cord) as shown in **Table 4**.

The outside diameter, O.D., is then given by:

$$\text{O.D.} = pd - 2U \quad (8-2)$$

In order to provide fast reference, the following tables show pitch and outside diameters of different pitch pulleys:

Table 5: 0.080" MXL Pitch

Table 6: 0.0816" (40 D.P.) Pitch

Table 7: 1/5" – XL Pitch

Table 8: 3/8" – L Pitch

Table 9: 3 mm Pitch HTD

Table 10: 5 mm Pitch HTD

Table 11: 8 mm Pitch HTD

Table 12: 2 mm Pitch GT2

Table 13: 3 mm Pitch GT2

Table 14: 5 mm Pitch GT2

Table 15: T2.5 (2.5 mm Pitch)*

Table 16: T5 (5 mm Pitch)*

Table 17: T10 (10 mm Pitch)*

These tables enable the designer to judge immediately the space requirements for a particular drive. In many instances, the torque transmission capability of the drive can be satisfied by a less voluminous solution. This is one of the excellent features of the GT2 profile; it facilitates miniaturization. The size of the small pulley of the drive, however, is subject to some limitations. The suggested minimum size of the pulley related to a particular pitch and rpm is given in **Table 18**.

***NOTE:** T2.5, T5 and T10 series have O.D.s and Pitch Diameters which do not conform to equations (8-1) and (8-2).

.080" (2.03 mm) MXL Pitch Pulley Dimensions

Table 5

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	.255	6.47	.235	5.96
11	.280	7.11	.260	6.61
12	.306	7.76	.286	7.25
13	.331	8.41	.311	7.90
14	.357	9.06	.337	8.55
15	.382	9.70	.362	9.19
16	.407	10.35	.387	9.84
17	.433	11.00	.413	10.49
18	.458	11.64	.438	11.13
19	.484	12.29	.464	11.78
20	.509	12.94	.489	12.43
21	.535	13.58	.515	13.07
22	.560	14.23	.540	13.72
23	.586	14.88	.566	14.37
24	.611	15.52	.591	15.02
25	.637	16.17	.617	15.66
26	.662	16.82	.642	16.31
27	.688	17.46	.668	16.96
28	.713	18.11	.693	17.60
29	.738	18.76	.718	18.25
30	.764	19.40	.744	18.90
31	.789	20.05	.769	19.54
32	.815	20.70	.795	20.19
33	.840	21.34	.820	20.84
34	.866	21.99	.846	21.48
35	.891	22.64	.871	22.13
36	.917	23.29	.897	22.78
37	.942	23.93	.922	23.42
38	.968	24.58	.948	24.07
39	.993	25.23	.973	24.72
40	1.019	25.87	.999	25.36
41	1.044	26.52	1.024	26.01
42	1.070	27.17	1.050	26.66
43	1.095	27.81	1.075	27.30
44	1.120	28.46	1.100	27.95
45	1.146	29.11	1.126	28.60
46	1.171	29.75	1.151	29.25
47	1.197	30.40	1.177	29.89
48	1.222	31.05	1.202	30.54
49	1.248	31.69	1.228	31.19
50	1.273	32.34	1.253	31.83
51	1.299	32.99	1.279	32.48
52	1.324	33.63	1.304	33.13
53	1.350	34.28	1.330	33.77
54	1.375	34.93	1.355	34.42
55	1.401	35.57	1.381	35.07
56	1.426	36.22	1.406	35.71
57	1.451	36.87	1.431	36.36
58	1.477	37.51	1.457	37.01
59	1.502	38.16	1.482	37.65

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
60	1.528	38.81	1.508	38.30
61	1.553	39.46	1.533	38.95
62	1.579	40.10	1.559	39.59
63	1.604	40.75	1.584	40.24
64	1.630	41.40	1.610	40.89
65	1.655	42.04	1.635	41.53
66	1.681	42.69	1.661	42.18
67	1.706	43.34	1.686	42.83
68	1.732	43.98	1.712	43.47
69	1.757	44.63	1.737	44.12
70	1.783	45.28	1.763	44.77
71	1.808	45.92	1.788	45.42
72	1.833	46.57	1.813	46.06
73	1.859	47.22	1.839	46.71
74	1.884	47.86	1.864	47.36
75	1.910	48.51	1.890	48.00
76	1.935	49.16	1.915	48.65
77	1.961	49.80	1.941	49.30
78	1.986	50.45	1.966	49.94
79	2.012	51.10	1.992	50.59
80	2.037	51.74	2.017	51.24
81	2.063	52.39	2.043	51.88
82	2.088	53.04	2.068	52.53
83	2.114	53.68	2.094	53.18
84	2.139	54.33	2.119	53.82
85	2.165	54.98	2.145	54.47
86	2.190	55.63	2.170	55.12
87	2.215	56.27	2.195	55.76
88	2.241	56.92	2.221	56.41
89	2.266	57.57	2.246	57.06
90	2.292	58.21	2.272	57.70
91	2.317	58.86	2.297	58.35
92	2.343	59.51	2.323	59.00
93	2.368	60.15	2.348	59.64
94	2.394	60.80	2.374	60.29
95	2.419	61.45	2.399	60.94
96	2.445	62.09	2.425	61.59
97	2.470	62.74	2.450	62.23
98	2.496	63.39	2.476	62.88
99	2.521	64.03	2.501	63.53
100	2.546	64.68	2.526	64.17
101	2.572	65.33	2.552	64.82
102	2.597	65.97	2.577	65.47
103	2.623	66.62	2.603	66.11
104	2.648	67.27	2.628	66.76
105	2.674	67.91	2.654	67.41
106	2.699	68.56	2.679	68.05
107	2.725	69.21	2.705	68.70
108	2.750	69.86	2.730	69.35
109	2.776	70.50	2.756	69.99

Continued on the next page

Table 5 (Cont.)

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
110	2.801	71.15	2.781	70.64
111	2.827	71.80	2.807	71.29
112	2.852	72.44	2.832	71.93
113	2.878	73.09	2.858	72.58
114	2.903	73.74	2.883	73.23
115	2.928	74.38	2.908	73.87
116	2.954	75.03	2.934	74.52
117	2.979	75.68	2.959	75.17
118	3.005	76.32	2.985	75.82
119	3.030	76.97	3.010	76.46
120	3.056	77.62	3.036	77.11
121	3.081	78.26	3.061	77.76
122	3.107	78.91	3.087	78.40
123	3.132	79.56	3.112	79.05
124	3.158	80.20	3.138	79.70
125	3.183	80.85	3.163	80.34
126	3.209	81.50	3.189	80.99
127	3.234	82.14	3.214	81.64
128	3.259	82.79	3.239	82.28
129	3.285	83.44	3.265	82.93
130	3.310	84.08	3.290	83.58

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
131	3.336	84.73	3.316	84.22
132	3.361	85.38	3.341	84.87
133	3.387	86.03	3.367	85.52
134	3.412	86.67	3.392	86.16
135	3.438	87.32	3.418	86.81
136	3.463	87.97	3.443	87.46
137	3.489	88.61	3.469	88.10
138	3.514	89.26	3.494	88.75
139	3.540	89.91	3.520	89.40
140	3.565	90.55	3.545	90.04
141	3.591	91.20	3.571	90.69
142	3.616	91.85	3.596	91.34
143	3.641	92.49	3.621	91.99
144	3.667	93.14	3.647	92.63
145	3.692	93.79	3.672	93.28
146	3.718	94.43	3.698	93.93
147	3.743	95.08	3.723	94.57
148	3.769	95.73	3.749	95.22
149	3.794	96.37	3.774	95.87
150	3.820	97.02	3.800	96.51

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40 D.P. (2.07 mm) Pitch Pulley Dimensions

Table 6

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	.260	6.60	.246	6.24
11	.286	7.26	.272	6.90
12	.312	7.92	.298	7.56
13	.338	8.58	.324	8.22
14	.364	9.24	.350	8.88
15	.390	9.90	.376	9.54
16	.416	10.56	.402	10.20
17	.442	11.22	.428	10.86
18	.468	11.88	.454	11.52
19	.494	12.54	.480	12.18
20	.519	13.19	.505	12.84
21	.545	13.85	.531	13.50
22	.571	14.51	.557	14.16
23	.597	15.17	.583	14.82
24	.623	15.83	.609	15.48
25	.649	16.49	.635	16.14
26	.675	17.15	.661	16.80
27	.701	17.81	.687	17.46
28	.727	18.47	.713	18.12
29	.753	19.13	.739	18.78
30	.779	19.79	.765	19.44
31	.805	20.45	.791	20.10
32	.831	21.11	.817	20.76
33	.857	21.77	.843	21.42
34	.883	22.43	.869	22.08
35	.909	23.09	.895	22.74
36	.935	23.75	.921	23.40
37	.961	24.41	.947	24.05
38	.987	25.07	.973	24.71
39	1.013	25.73	.999	25.37
40	1.039	26.39	1.025	26.03
41	1.065	27.05	1.051	26.69
42	1.091	27.71	1.077	27.35
43	1.117	28.37	1.103	28.01
44	1.143	29.03	1.129	28.67
45	1.169	29.69	1.155	29.33
46	1.195	30.35	1.181	29.99
47	1.221	31.01	1.207	30.65
48	1.247	31.67	1.233	31.31
49	1.273	32.33	1.259	31.97
50	1.299	32.99	1.285	32.63
51	1.325	33.65	1.311	33.29
52	1.351	34.31	1.337	33.95
53	1.377	34.97	1.363	34.61
54	1.403	35.63	1.389	35.27
55	1.429	36.29	1.415	35.93
56	1.455	36.95	1.441	36.59
57	1.481	37.61	1.467	37.25
58	1.506	38.27	1.492	37.91
59	1.532	38.92	1.518	38.57
60	1.558	39.58	1.544	39.23

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
61	1.584	40.24	1.570	39.89
62	1.610	40.90	1.596	40.55
63	1.636	41.56	1.622	41.21
64	1.662	42.22	1.648	41.87
65	1.688	42.88	1.674	42.53
66	1.714	43.54	1.700	43.19
67	1.740	44.20	1.726	43.85
68	1.766	44.86	1.752	44.51
69	1.792	45.52	1.778	45.17
70	1.818	46.18	1.804	45.83
71	1.844	46.84	1.830	46.49
72	1.870	47.50	1.856	47.15
73	1.896	48.16	1.882	47.81
74	1.922	48.82	1.908	48.47
75	1.948	49.48	1.934	49.13
76	1.974	50.14	1.960	49.78
77	2.000	50.80	1.986	50.44
78	2.026	51.46	2.012	51.10
79	2.052	52.12	2.038	51.76
80	2.078	52.78	2.064	52.42
81	2.104	53.44	2.090	53.08
82	2.130	54.10	2.116	53.74
83	2.156	54.76	2.142	54.40
84	2.182	55.42	2.168	55.06
85	2.208	56.08	2.194	55.72
86	2.234	56.74	2.220	56.38
87	2.260	57.40	2.246	57.04
88	2.286	58.06	2.272	57.70
89	2.312	58.72	2.298	58.36
90	2.338	59.38	2.324	59.02
91	2.364	60.04	2.350	59.68
92	2.390	60.70	2.376	60.34
93	2.416	61.36	2.402	61.00
94	2.442	62.02	2.428	61.66
95	2.468	62.68	2.454	62.32
96	2.494	63.34	2.480	62.98
97	2.519	63.99	2.505	63.64
98	2.545	64.65	2.531	64.30
99	2.571	65.31	2.557	64.96
100	2.597	65.97	2.583	65.62
101	2.623	66.63	2.609	66.28
102	2.649	67.29	2.635	66.94
103	2.675	67.95	2.661	67.60
104	2.701	68.61	2.715	68.97
105	2.727	69.27	2.741	69.63
106	2.753	69.93	2.767	70.29
107	2.779	70.59	2.793	70.95
108	2.805	71.25	2.819	71.61
109	2.831	71.91	2.845	72.27
110	2.857	72.57	2.871	72.93
111	2.883	73.23	2.897	73.59

Continued on the next page T-20

Table 6 (Cont.)

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
112	2.909	73.89	2.923	74.25
113	2.935	74.55	2.949	74.91
114	2.961	75.21	2.975	75.57
115	2.987	75.87	3.001	76.23
116	3.013	76.53	3.027	76.89
117	3.039	77.19	3.053	77.55
118	3.065	77.85	3.079	78.21
119	3.091	78.51	3.105	78.86
120	3.117	79.17	3.131	79.52
121	3.143	79.83	3.157	80.18
122	3.169	80.49	3.183	80.84
123	3.195	81.15	3.209	81.50
124	3.221	81.81	3.235	82.16
125	3.247	82.47	3.261	82.82
126	3.273	83.13	3.287	83.48
127	3.299	83.79	3.313	84.14
128	3.325	84.45	3.339	84.80
129	3.351	85.11	3.365	85.46
130	3.377	85.77	3.391	86.12
131	3.403	86.43	3.417	86.78

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
132	3.429	87.09	3.443	87.44
133	3.455	87.75	3.469	88.10
134	3.481	88.41	3.495	88.76
135	3.507	89.07	3.521	89.42
136	3.532	89.72	3.546	90.08
137	3.558	90.38	3.572	90.74
138	3.584	91.04	3.598	91.40
139	3.610	91.70	3.624	92.06
140	3.636	92.36	3.650	92.72
141	3.662	93.02	3.676	93.38
142	3.688	93.68	3.702	94.04
143	3.714	94.34	3.728	94.70
144	3.740	95.00	3.754	95.36
145	3.766	95.66	3.780	96.02
146	3.792	96.32	3.806	96.68
147	3.818	96.98	3.832	97.34
148	3.844	97.64	3.858	98.00
149	3.870	98.30	3.884	98.66
150	3.896	98.96	3.910	99.32

1/5" (5.08 mm) XL Pitch Pulley Dimensions**Table 7**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	.637	16.17	.617	15.66
11	.700	17.79	.680	17.28
12	.764	19.40	.744	18.90
13	.828	21.02	.808	20.51
14	.891	22.64	.871	22.13
15	.955	24.26	.935	23.75
16	1.019	25.87	.999	25.36
17	1.082	27.49	1.062	26.98
18	1.146	29.11	1.126	28.60
19	1.210	30.72	1.190	30.22
20	1.273	32.34	1.253	31.83
21	1.337	33.96	1.317	33.45
22	1.401	35.57	1.381	35.07
23	1.464	37.19	1.444	36.68
24	1.528	38.81	1.508	38.30
25	1.592	40.43	1.572	39.92
26	1.655	42.04	1.635	41.53
27	1.719	43.66	1.699	43.15
28	1.783	45.28	1.763	44.77
29	1.846	46.89	1.826	46.39
30	1.910	48.51	1.890	48.00
31	1.974	50.13	1.954	49.62
32	2.037	51.74	2.017	51.24
33	2.101	53.36	2.081	52.85
34	2.165	54.98	2.145	54.47
35	2.228	56.60	2.208	56.09
36	2.292	58.21	2.272	57.70
37	2.355	59.83	2.335	59.32
38	2.419	61.45	2.399	60.94
39	2.483	63.06	2.463	62.56
40	2.546	64.68	2.526	64.17
41	2.610	66.30	2.590	65.79
42	2.674	67.91	2.654	67.41
43	2.737	69.53	2.717	69.02
44	2.801	71.15	2.781	70.64
45	2.865	72.77	2.845	72.26
46	2.928	74.38	2.908	73.87
47	2.992	76.00	2.972	75.49
48	3.056	77.62	3.036	77.11
49	3.119	79.23	3.099	78.73
50	3.183	80.85	3.163	80.34
51	3.247	82.47	3.227	81.96
52	3.310	84.08	3.290	83.58
53	3.374	85.70	3.354	85.19
54	3.438	87.32	3.418	86.81
55	3.501	88.94	3.481	88.43
56	3.565	90.55	3.545	90.04
57	3.629	92.17	3.609	91.66
58	3.692	93.79	3.672	93.28
59	3.756	95.40	3.736	94.90
60	3.820	97.02	3.800	96.51
61	3.883	98.64	3.863	98.13
62	3.947	100.25	3.927	99.75
63	4.011	101.87	3.991	101.36
64	4.074	103.49	4.054	102.98
65	4.138	105.11	4.118	104.60
66	4.202	106.72	4.182	106.22
67	4.265	108.34	4.245	107.83
68	4.329	109.96	4.309	109.45
69	4.393	111.57	4.373	111.07
70	4.456	113.19	4.436	112.68
71	4.520	114.81	4.500	114.30
72	4.584	116.42	4.564	115.92
73	4.647	118.04	4.627	117.53
74	4.711	119.66	4.691	119.15
75	4.775	121.28	4.755	120.77
76	4.838	122.89	4.818	122.39
77	4.902	124.51	4.882	124.00
78	4.966	126.13	4.946	125.62
79	5.029	127.74	5.009	127.24
80	5.093	129.36	5.073	128.85
81	5.157	130.98	5.137	130.47
82	5.220	132.59	5.200	132.09
83	5.284	134.21	5.264	133.70
84	5.348	135.83	5.328	135.32
85	5.411	137.45	5.391	136.94
86	5.475	139.06	5.455	138.56
87	5.539	140.68	5.519	140.17
88	5.602	142.30	5.582	141.79
89	5.666	143.91	5.646	143.41
90	5.730	145.53	5.710	145.02
91	5.793	147.15	5.773	146.64
92	5.857	148.76	5.837	148.26
93	5.921	150.38	5.901	149.87
94	5.984	152.00	5.964	151.49
95	6.048	153.62	6.028	153.11
96	6.112	155.23	6.092	154.73
97	6.175	156.85	6.155	156.34
98	6.239	158.47	6.219	157.96
99	6.303	160.08	6.283	159.58
100	6.366	161.70	6.346	161.19
101	6.430	163.32	6.410	162.81
102	6.494	164.94	6.474	164.43
103	6.557	166.55	6.537	166.04
104	6.621	168.17	6.601	167.66
105	6.684	169.79	6.664	169.28
106	6.748	171.40	6.728	170.90
107	6.812	173.02	6.792	172.51
108	6.875	174.64	6.855	174.13
109	6.939	176.25	6.919	175.75

Continued on the next page

1/5" (5.08 mm) XL Pitch Pulley Dimensions

Table 7 (Cont.)

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
110	7.003	177.87	6.983	177.36
111	7.066	179.49	7.046	178.98
112	7.130	181.11	7.110	180.60
113	7.194	182.72	7.174	182.21
114	7.257	184.34	7.237	183.83
115	7.321	185.96	7.301	185.45
116	7.385	187.57	7.365	187.07
117	7.448	189.19	7.428	188.68
118	7.512	190.81	7.492	190.30
119	7.576	192.42	7.556	191.92
120	7.639	194.04	7.619	193.53
121	7.703	195.66	7.683	195.15
122	7.767	197.28	7.747	196.77
123	7.830	198.89	7.810	198.38
124	7.894	200.51	7.874	200.00
125	7.958	202.13	7.938	201.62
126	8.021	203.74	8.001	203.24
127	8.085	205.36	8.065	204.85
128	8.149	206.98	8.129	206.47
129	8.212	208.59	8.192	208.09
130	8.276	210.21	8.256	209.70
131	8.340	211.83	8.320	211.32
132	8.403	213.45	8.383	212.94
133	8.467	215.06	8.447	214.56
134	8.531	216.68	8.511	216.17
135	8.594	218.30	8.574	217.79
136	8.658	219.91	8.638	219.41
137	8.722	221.53	8.702	221.02
138	8.785	223.15	8.765	222.64
139	8.849	224.76	8.829	224.26
140	8.913	226.38	8.893	225.87
141	8.976	228.00	8.956	227.49
142	9.040	229.62	9.020	229.11
143	9.104	231.23	9.084	230.73
144	9.167	232.85	9.147	232.34
145	9.231	234.47	9.211	233.96
146	9.295	236.08	9.275	235.58
147	9.358	237.70	9.338	237.19
148	9.422	239.32	9.402	238.81
149	9.486	240.93	9.466	240.43
150	9.549	242.55	9.529	242.04
151	9.613	244.17	9.593	243.66
152	9.677	245.79	9.657	245.28
153	9.740	247.40	9.720	246.90
154	9.804	249.02	9.784	248.51
155	9.868	250.64	9.848	250.13
156	9.931	252.25	9.911	251.75
157	9.995	253.87	9.975	253.36
158	10.059	255.49	10.039	254.98
159	10.122	257.10	10.102	256.60
160	10.186	258.72	10.166	258.21
161	10.250	260.34	10.230	259.83
162	10.313	261.96	10.293	261.45
163	10.377	263.57	10.357	263.07
164	10.441	265.19	10.421	264.68
165	10.504	266.81	10.484	266.30
166	10.568	268.42	10.548	267.92
167	10.632	270.04	10.612	269.53
168	10.695	271.66	10.675	271.15
169	10.759	273.27	10.739	272.77
170	10.823	274.89	10.803	274.38
171	10.886	276.51	10.866	276.00
172	10.950	278.13	10.930	277.62
173	11.013	279.74	10.993	279.24
174	11.077	281.36	11.057	280.85
175	11.141	282.98	11.121	282.47
176	11.204	284.59	11.184	284.09
177	11.268	286.21	11.248	285.70
178	11.332	287.83	11.312	287.32
179	11.395	289.44	11.375	288.94
180	11.459	291.06	11.439	290.55
181	11.523	292.68	11.503	292.17
182	11.586	294.30	11.566	293.79
183	11.650	295.91	11.630	295.41
184	11.714	297.53	11.694	297.02
185	11.777	299.15	11.757	298.64
186	11.841	300.76	11.821	300.26
187	11.905	302.38	11.885	301.87
188	11.968	304.00	11.948	303.49
189	12.032	305.61	12.012	305.11
190	12.096	307.23	12.076	306.72
191	12.159	308.85	12.139	308.34
192	12.223	310.47	12.203	309.96
193	12.287	312.08	12.267	311.58
194	12.350	313.70	12.330	313.19
195	12.414	315.32	12.394	314.81
196	12.478	316.93	12.458	316.43
197	12.541	318.55	12.521	318.04
198	12.605	320.17	12.585	319.66
199	12.669	321.79	12.649	321.28
200	12.732	323.40	12.712	322.90
201	12.796	325.02	12.776	324.51
202	12.860	326.64	12.840	326.13
203	12.923	328.25	12.903	327.75
204	12.987	329.87	12.967	329.36
205	13.051	331.49	13.031	330.98
206	13.114	333.10	13.094	332.60
207	13.178	334.72	13.158	334.21
208	13.242	336.34	13.222	335.83
209	13.305	337.96	13.285	337.45

3/8" (9.525 mm) L Pitch Pulley Dimensions

Table 8

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	1.194	30.32	1.164	29.56
11	1.313	33.35	1.283	32.59
12	1.432	36.38	1.402	35.62
13	1.552	39.41	1.522	38.65
14	1.671	42.45	1.641	41.68
15	1.790	45.48	1.760	44.72
16	1.910	48.51	1.880	47.75
17	2.029	51.54	1.999	50.78
18	2.149	54.57	2.119	53.81
19	2.268	57.61	2.238	56.84
20	2.387	60.64	2.357	59.88
21	2.507	63.67	2.477	62.91
22	2.626	66.70	2.596	65.94
23	2.745	69.73	2.715	68.97
24	2.865	72.77	2.835	72.00
25	2.984	75.80	2.954	75.04
26	3.104	78.83	3.074	78.07
27	3.223	81.86	3.193	81.10
28	3.342	84.89	3.312	84.13
29	3.462	87.92	3.432	87.16
30	3.581	90.96	3.551	90.19
31	3.700	93.99	3.670	93.23
32	3.820	97.02	3.790	96.26
33	3.939	100.05	3.909	99.29
34	4.058	103.08	4.028	102.32
35	4.178	106.12	4.148	105.35
36	4.297	109.15	4.267	108.39
37	4.417	112.18	4.387	111.42
38	4.536	115.21	4.506	114.45
39	4.655	118.24	4.625	117.48
40	4.775	121.28	4.745	120.51
41	4.894	124.31	4.864	123.55
42	5.013	127.34	4.983	126.58
43	5.133	130.37	5.103	129.61
44	5.252	133.40	5.222	132.64
45	5.371	136.44	5.341	135.67
46	5.491	139.47	5.461	138.71
47	5.610	142.50	5.580	141.74
48	5.730	145.53	5.700	144.77
49	5.849	148.56	5.819	147.80
50	5.968	151.59	5.938	150.83
51	6.088	154.63	6.058	153.86
52	6.207	157.66	6.177	156.90
53	6.326	160.69	6.296	159.93
54	6.446	163.72	6.416	162.96
55	6.565	166.75	6.535	165.99
56	6.684	169.79	6.654	169.02
57	6.804	172.82	6.774	172.06
58	6.923	175.85	6.893	175.09
59	7.043	178.88	7.013	178.12
60	7.162	181.91	7.132	181.15
61	7.281	184.95	7.251	184.18
62	7.401	187.98	7.371	187.22
63	7.520	191.01	7.490	190.25
64	7.639	194.04	7.609	193.28
65	7.759	197.07	7.729	196.31
66	7.878	200.11	7.848	199.34
67	7.998	203.14	7.968	202.37
68	8.117	206.17	8.087	205.41
69	8.236	209.20	8.206	208.44
70	8.356	212.23	8.326	211.47
71	8.475	215.26	8.445	214.50
72	8.594	218.30	8.564	217.53
73	8.714	221.33	8.684	220.57
74	8.833	224.36	8.803	223.60
75	8.952	227.39	8.922	226.63
76	9.072	230.42	9.042	229.66
77	9.191	233.46	9.161	232.69
78	9.311	236.49	9.281	235.73
79	9.430	239.52	9.400	238.76
80	9.549	242.55	9.519	241.79
81	9.669	245.58	9.639	244.82
82	9.788	248.62	9.758	247.85
83	9.907	251.65	9.877	250.89
84	10.027	254.68	9.997	253.92
85	10.146	257.71	10.116	256.95
86	10.265	260.74	10.235	259.98
87	10.385	263.77	10.355	263.01
88	10.504	266.81	10.474	266.04
89	10.624	269.84	10.594	269.08
90	10.743	272.87	10.713	272.11
91	10.862	275.90	10.832	275.14
92	10.982	278.93	10.952	278.17
93	11.101	281.97	11.071	281.20
94	11.220	285.00	11.190	284.24
95	11.340	288.03	11.310	287.27
96	11.459	291.06	11.429	290.30
97	11.578	294.09	11.548	293.33
98	11.698	297.13	11.668	296.36
99	11.817	300.16	11.787	299.40
100	11.937	303.19	11.907	302.43
101	12.056	306.22	12.026	305.46
102	12.175	309.25	12.145	308.49
103	12.295	312.29	12.265	311.52
104	12.414	315.32	12.384	314.56
105	12.533	318.35	12.503	317.59
106	12.653	321.38	12.623	320.62
107	12.772	324.41	12.742	323.65
108	12.892	327.44	12.862	326.68
109	13.011	330.48	12.981	329.71

Continued on the next page

3/8" (9.525 mm) L Pitch Pulley Dimensions**Table 8 (Cont.)**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
110	13.130	333.51	13.100	332.75
111	13.250	336.54	13.220	335.78
112	13.369	339.57	13.339	338.81
113	13.488	342.60	13.458	341.84
114	13.608	345.64	13.578	344.87
115	13.727	348.67	13.697	347.91
116	13.846	351.70	13.816	350.94
117	13.966	354.73	13.936	353.97
118	14.085	357.76	14.055	357.00
119	14.205	360.80	14.175	360.03
120	14.324	363.83	14.294	363.07
121	14.443	366.86	14.413	366.10
122	14.563	369.89	14.533	369.13
123	14.682	372.92	14.652	372.16
124	14.801	375.95	14.771	375.19
125	14.921	378.99	14.891	378.22
126	15.040	382.02	15.010	381.26
127	15.159	385.05	15.129	384.29
128	15.279	388.08	15.249	387.32
129	15.398	391.11	15.368	390.35
130	15.518	394.15	15.488	393.38
131	15.637	397.18	15.607	396.42
132	15.756	400.21	15.726	399.45
133	15.876	403.24	15.846	402.48
134	15.995	406.27	15.965	405.51
135	16.114	409.31	16.084	408.54
136	16.234	412.34	16.204	411.58
137	16.353	415.37	16.323	414.61
138	16.472	418.40	16.442	417.64
139	16.592	421.43	16.562	420.67
140	16.711	424.47	16.681	423.70
141	16.831	427.50	16.801	426.74
142	16.950	430.53	16.920	429.77
143	17.069	433.56	17.039	432.80
144	17.189	436.59	17.159	435.83
145	17.308	439.62	17.278	438.86
146	17.427	442.66	17.397	441.89
147	17.547	445.69	17.517	444.93
148	17.666	448.72	17.636	447.96
149	17.786	451.75	17.756	450.99
150	17.905	454.78	17.875	454.02
151	18.024	457.82	17.994	457.05
152	18.144	460.85	18.114	460.09
153	18.263	463.88	18.233	463.12
154	18.382	466.91	18.352	466.15
155	18.502	469.94	18.472	469.18
156	18.621	472.98	18.591	472.21
157	18.740	476.01	18.710	475.25
158	18.860	479.04	18.830	478.28
159	18.979	482.07	18.949	481.31
160	19.099	485.10	19.069	484.34
161	19.218	488.14	19.188	487.37
162	19.337	491.17	19.307	490.40
163	19.457	494.20	19.427	493.44
164	19.576	497.23	19.546	496.47
165	19.695	500.26	19.665	499.50
166	19.815	503.29	19.785	502.53
167	19.934	506.33	19.904	505.56
168	20.053	509.36	20.023	508.60
169	20.173	512.39	20.143	511.63
170	20.292	515.42	20.262	514.66
171	20.412	518.45	20.382	517.69
172	20.531	521.49	20.501	520.72
173	20.650	524.52	20.620	523.76
174	20.770	527.55	20.740	526.79
175	20.889	530.58	20.859	529.82
176	21.008	533.61	20.978	532.85
177	21.128	536.65	21.098	535.88
178	21.247	539.68	21.217	538.92
179	21.367	542.71	21.337	541.95
180	21.486	545.74	21.456	544.98
181	21.605	548.77	21.575	548.01
182	21.725	551.80	21.695	551.04
183	21.844	554.84	21.814	554.07
184	21.963	557.87	21.933	557.11
185	22.083	560.90	22.053	560.14
186	22.202	563.93	22.172	563.17
187	22.321	566.96	22.291	566.20
188	22.441	570.00	22.411	569.23
189	22.560	573.03	22.530	572.27
190	22.680	576.06	22.650	575.30
191	22.799	579.09	22.769	578.33
192	22.918	582.12	22.888	581.36
193	23.038	585.16	23.008	584.39
194	23.157	588.19	23.127	587.43
195	23.276	591.22	23.246	590.46
196	23.396	594.25	23.366	593.49
197	23.515	597.28	23.485	596.52
198	23.634	600.32	23.604	599.55
199	23.754	603.35	23.724	602.59
200	23.873	606.38	23.843	605.62
201	23.993	609.41	23.963	608.65
202	24.112	612.44	24.082	611.68
203	24.231	615.47	24.201	614.71
204	24.351	618.51	24.321	617.74
205	24.470	621.54	24.440	620.78
206	24.589	624.57	24.559	623.81
207	24.709	627.60	24.679	626.84
208	24.828	630.63	24.798	629.87
209	24.947	633.67	24.917	632.90

3 mm Pitch HTD® Pulley Dimensions**Table 9**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	.376	9.55	.346	8.79
11	.414	10.50	.384	9.74
12	.451	11.46	.421	10.70
13	.489	12.41	.459	11.65
14	.526	13.37	.496	12.61
15	.564	14.32	.534	13.56
16	.602	15.28	.572	14.52
17	.639	16.23	.609	15.47
18	.677	17.19	.647	16.43
19	.714	18.14	.684	17.38
20	.752	19.10	.722	18.34
21	.790	20.05	.760	19.29
22	.827	21.01	.797	20.25
23	.865	21.96	.835	21.20
24	.902	22.92	.872	22.16
25	.940	23.87	.910	23.11
26	.977	24.83	.947	24.07
27	1.015	25.78	.985	25.02
28	1.053	26.74	1.023	25.98
29	1.090	27.69	1.060	26.93
30	1.128	28.65	1.098	27.89
31	1.165	29.60	1.135	28.84
32	1.203	30.56	1.173	29.80
33	1.241	31.51	1.211	30.75
34	1.278	32.47	1.248	31.71
35	1.316	33.42	1.286	32.66
36	1.353	34.38	1.323	33.62
37	1.391	35.33	1.361	34.57
38	1.429	36.29	1.399	35.53
39	1.466	37.24	1.436	36.48
40	1.504	38.20	1.474	37.44
41	1.541	39.15	1.511	38.39
42	1.579	40.11	1.549	39.34
43	1.617	41.06	1.587	40.30
44	1.654	42.02	1.624	41.25
45	1.692	42.97	1.662	42.21
46	1.729	43.93	1.699	43.16
47	1.767	44.88	1.737	44.12
48	1.805	45.84	1.775	45.07
49	1.842	46.79	1.812	46.03
50	1.880	47.75	1.850	46.98
51	1.917	48.70	1.887	47.94
52	1.955	49.66	1.925	48.89
53	1.993	50.61	1.963	49.85
54	2.030	51.57	2.000	50.80
55	2.068	52.52	2.038	51.76
56	2.105	53.48	2.075	52.71
57	2.143	54.43	2.113	53.67
58	2.181	55.39	2.151	54.62
59	2.218	56.34	2.188	55.58
60	2.256	57.30	2.226	56.53
61	2.293	58.25	2.263	57.49
62	2.331	59.21	2.301	58.44
63	2.369	60.16	2.339	59.40
64	2.406	61.12	2.376	60.35
65	2.444	62.07	2.414	61.31
66	2.481	63.03	2.451	62.26
67	2.519	63.98	2.489	63.22
68	2.556	64.94	2.526	64.17
69	2.594	65.89	2.564	65.13
70	2.632	66.84	2.602	66.08
71	2.669	67.80	2.639	67.04
72	2.707	68.75	2.677	67.99
73	2.744	69.71	2.714	68.95
74	2.782	70.66	2.752	69.90
75	2.820	71.62	2.790	70.86
76	2.857	72.57	2.827	71.81
77	2.895	73.53	2.865	72.77
78	2.932	74.48	2.902	73.72
79	2.970	75.44	2.940	74.68
80	3.008	76.39	2.978	75.63
81	3.045	77.35	3.015	76.59
82	3.083	78.30	3.053	77.54
83	3.120	79.26	3.090	78.50
84	3.158	80.21	3.128	79.45
85	3.196	81.17	3.166	80.41
86	3.233	82.12	3.203	81.36
87	3.271	83.08	3.241	82.32
88	3.308	84.03	3.278	83.27
89	3.346	84.99	3.316	84.23
90	3.384	85.94	3.354	85.18
91	3.421	86.90	3.391	86.14
92	3.459	87.85	3.429	87.09
93	3.496	88.81	3.466	88.05
94	3.534	89.76	3.504	89.00
95	3.572	90.72	3.542	89.96
96	3.609	91.67	3.579	90.91
97	3.647	92.63	3.617	91.87
98	3.684	93.58	3.654	92.82
99	3.722	94.54	3.692	93.78
100	3.760	95.49	3.730	94.73
101	3.797	96.45	3.767	95.69
102	3.835	97.40	3.805	96.64
103	3.872	98.36	3.842	97.60
104	3.910	99.31	3.880	98.55
105	3.948	100.27	3.918	99.51
106	3.985	101.22	3.955	100.46
107	4.023	102.18	3.993	101.42
108	4.060	103.13	4.030	102.37
109	4.098	104.09	4.068	103.33

Continued on the next page

3 mm Pitch HTD® Pulley Dimensions**Table 9 (Cont.)**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
110	4.136	105.04	4.106	104.28
111	4.173	106.00	4.143	105.23
112	4.211	106.95	4.181	106.19
113	4.248	107.91	4.218	107.14
114	4.286	108.86	4.256	108.10
115	4.323	109.82	4.293	109.05
116	4.361	110.77	4.331	110.01
117	4.399	111.73	4.369	110.96
118	4.436	112.68	4.406	111.92
119	4.474	113.64	4.444	112.87
120	4.511	114.59	4.481	113.83
121	4.549	115.55	4.519	114.78
122	4.587	116.50	4.557	115.74
123	4.624	117.46	4.594	116.69
124	4.662	118.41	4.632	117.65
125	4.699	119.37	4.669	118.60
126	4.737	120.32	4.707	119.56
127	4.775	121.28	4.745	120.51
128	4.812	122.23	4.782	121.47
129	4.850	123.19	4.820	122.42
130	4.887	124.14	4.857	123.38
131	4.925	125.10	4.895	124.33
132	4.963	126.05	4.933	125.29
133	5.000	127.01	4.970	126.24
134	5.038	127.96	5.008	127.20
135	5.075	128.92	5.045	128.15
136	5.113	129.87	5.083	129.11
137	5.151	130.83	5.121	130.06
138	5.188	131.78	5.158	131.02
139	5.226	132.73	5.196	131.97
140	5.263	133.69	5.233	132.93
141	5.301	134.64	5.271	133.88
142	5.339	135.60	5.309	134.84
143	5.376	136.55	5.346	135.79
144	5.414	137.51	5.384	136.75
145	5.451	138.46	5.421	137.70
146	5.489	139.42	5.459	138.66
147	5.527	140.37	5.497	139.61
148	5.564	141.33	5.534	140.57
149	5.602	142.28	5.572	141.52
150	5.639	143.24	5.609	142.48
151	5.677	144.19	5.647	143.43
152	5.715	145.15	5.685	144.39
153	5.752	146.10	5.722	145.34
154	5.790	147.06	5.760	146.30
155	5.827	148.01	5.797	147.25
156	5.865	148.97	5.835	148.21
157	5.902	149.92	5.872	149.16
158	5.940	150.88	5.910	150.12
159	5.978	151.83	5.948	151.07

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
160	6.015	152.79	5.985	152.03
161	6.053	153.74	6.023	152.98
162	6.090	154.70	6.060	153.94
163	6.128	155.65	6.098	154.89
164	6.166	156.61	6.136	155.85
165	6.203	157.56	6.173	156.80
166	6.241	158.52	6.211	157.76
167	6.278	159.47	6.248	158.71
168	6.316	160.43	6.286	159.67
169	6.354	161.38	6.324	160.62
170	6.391	162.34	6.361	161.58
171	6.429	163.29	6.399	162.53
172	6.466	164.25	6.436	163.49
173	6.504	165.20	6.474	164.44
174	6.542	166.16	6.512	165.40
175	6.579	167.11	6.549	166.35
176	6.617	168.07	6.587	167.31
177	6.654	169.02	6.624	168.26
178	6.692	169.98	6.662	169.22
179	6.730	170.93	6.700	170.17
180	6.767	171.89	6.737	171.12
181	6.805	172.84	6.775	172.08
182	6.842	173.80	6.812	173.03
183	6.880	174.75	6.850	173.99
184	6.918	175.71	6.888	174.94
185	6.955	176.66	6.925	175.90
186	6.993	177.62	6.963	176.85
187	7.030	178.57	7.000	177.81
188	7.068	179.53	7.038	178.76
189	7.106	180.48	7.076	179.72
190	7.143	181.44	7.113	180.67
191	7.181	182.39	7.151	181.63
192	7.218	183.35	7.188	182.58
193	7.256	184.30	7.226	183.54
194	7.294	185.26	7.264	184.49
195	7.331	186.21	7.301	185.45
196	7.369	187.17	7.339	186.40
197	7.406	188.12	7.376	187.36
198	7.444	189.08	7.414	188.31
199	7.482	190.03	7.452	189.27
200	7.519	190.99	7.489	190.22
201	7.557	191.94	7.527	191.18
202	7.594	192.90	7.564	192.13
203	7.632	193.85	7.602	193.09
204	7.669	194.81	7.639	194.04
205	7.707	195.76	7.677	195.00
206	7.745	196.72	7.715	195.95
207	7.782	197.67	7.752	196.91
208	7.820	198.62	7.790	197.86
209	7.857	199.58	7.827	198.82

5 mm Pitch HTD® Pulley Dimensions**Table 10**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	.627	15.92	.582	14.77
11	.689	17.51	.644	16.36
12	.752	19.10	.707	17.96
13	.815	20.69	.770	19.55
14	.877	22.28	.832	21.14
15	.940	23.87	.895	22.73
16	1.003	25.46	.958	24.32
17	1.065	27.06	1.020	25.91
18	1.128	28.65	1.083	27.50
19	1.191	30.24	1.146	29.10
20	1.253	31.83	1.208	30.69
21	1.316	33.42	1.271	32.28
22	1.379	35.01	1.334	33.87
23	1.441	36.61	1.396	35.46
24	1.504	38.20	1.459	37.05
25	1.566	39.79	1.521	38.65
26	1.629	41.38	1.584	40.24
27	1.692	42.97	1.647	41.83
28	1.754	44.56	1.709	43.42
29	1.817	46.15	1.772	45.01
30	1.880	47.75	1.835	46.60
31	1.942	49.34	1.897	48.19
32	2.005	50.93	1.960	49.79
33	2.068	52.52	2.023	51.38
34	2.130	54.11	2.085	52.97
35	2.193	55.70	2.148	54.56
36	2.256	57.30	2.211	56.15
37	2.318	58.89	2.273	57.74
38	2.381	60.48	2.336	59.34
39	2.444	62.07	2.399	60.93
40	2.506	63.66	2.461	62.52
41	2.569	65.25	2.524	64.11
42	2.632	66.84	2.587	65.70
43	2.694	68.44	2.649	67.29
44	2.757	70.03	2.712	68.89
45	2.820	71.62	2.775	70.48
46	2.882	73.21	2.837	72.07
47	2.945	74.80	2.900	73.66
48	3.008	76.39	2.963	75.25
49	3.070	77.99	3.025	76.84
50	3.133	79.58	3.088	78.43
51	3.196	81.17	3.151	80.03
52	3.258	82.76	3.213	81.62
53	3.321	84.35	3.276	83.21
54	3.384	85.94	3.339	84.80
55	3.446	87.54	3.401	86.39
56	3.509	89.13	3.464	87.98
57	3.572	90.72	3.527	89.58
58	3.634	92.31	3.589	91.17
59	3.697	93.90	3.652	92.76
60	3.760	95.49	3.715	94.35
61	3.822	97.08	3.777	95.94
62	3.885	98.68	3.840	97.53
63	3.948	100.27	3.903	99.12
64	4.010	101.86	3.965	100.72
65	4.073	103.45	4.028	102.31
66	4.136	105.04	4.091	103.90
67	4.198	106.63	4.153	105.49
68	4.261	108.23	4.216	107.08
69	4.323	109.82	4.278	108.67
70	4.386	111.41	4.341	110.27
71	4.449	113.00	4.404	111.86
72	4.511	114.59	4.466	113.45
73	4.574	116.18	4.529	115.04
74	4.637	117.77	4.592	116.63
75	4.699	119.37	4.654	118.22
76	4.762	120.96	4.717	119.81
77	4.825	122.55	4.780	121.41
78	4.887	124.14	4.842	123.00
79	4.950	125.73	4.905	124.59
80	5.013	127.32	4.968	126.18
81	5.075	128.92	5.030	127.77
82	5.138	130.51	5.093	129.36
83	5.201	132.10	5.156	130.96
84	5.263	133.69	5.218	132.55
85	5.326	135.28	5.281	134.14
86	5.389	136.87	5.344	135.73
87	5.451	138.46	5.406	137.32
88	5.514	140.06	5.469	138.91
89	5.577	141.65	5.532	140.50
90	5.639	143.24	5.594	142.10
91	5.702	144.83	5.657	143.69
92	5.765	146.42	5.720	145.28
93	5.827	148.01	5.782	146.87
94	5.890	149.61	5.845	148.46
95	5.953	151.20	5.908	150.05
96	6.015	152.79	5.970	151.65
97	6.078	154.38	6.033	153.24
98	6.141	155.97	6.096	154.83
99	6.203	157.56	6.158	156.42
100	6.266	159.15	6.221	158.01
101	6.329	160.75	6.284	159.60
102	6.391	162.34	6.346	161.19
103	6.454	163.93	6.409	162.79
104	6.517	165.52	6.472	164.38
105	6.579	167.11	6.534	165.97
106	6.642	168.70	6.597	167.56
107	6.705	170.30	6.660	169.15
108	6.767	171.89	6.722	170.74
109	6.830	173.48	6.785	172.34

Continued on the next page

5 mm Pitch HTD® Pitch Pulley Dimensions

Table 10 (Cont.)

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
110	6.893	175.07	6.848	173.93
111	6.955	176.66	6.910	175.52
112	7.018	178.25	6.973	177.11
113	7.080	179.84	7.035	178.70
114	7.143	181.44	7.098	180.29
115	7.206	183.03	7.161	181.88
116	7.268	184.62	7.223	183.48
117	7.331	186.21	7.286	185.07
118	7.394	187.80	7.349	186.66
119	7.456	189.39	7.411	188.25
120	7.519	190.99	7.474	189.84
121	7.582	192.58	7.537	191.43
122	7.644	194.17	7.599	193.03
123	7.707	195.76	7.662	194.62
124	7.770	197.35	7.725	196.21
125	7.832	198.94	7.787	197.80
126	7.895	200.53	7.850	199.39
127	7.958	202.13	7.913	200.98
128	8.020	203.72	7.975	202.57
129	8.083	205.31	8.038	204.17
130	8.146	206.90	8.101	205.76
131	8.208	208.49	8.163	207.35
132	8.271	210.08	8.226	208.94
133	8.334	211.68	8.289	210.53
134	8.396	213.27	8.351	212.12
135	8.459	214.86	8.414	213.72
136	8.522	216.45	8.477	215.31
137	8.584	218.04	8.539	216.90
138	8.647	219.63	8.602	218.49
139	8.710	221.22	8.665	220.08
140	8.772	222.82	8.727	221.67
141	8.835	224.41	8.790	223.26
142	8.898	226.00	8.853	224.86
143	8.960	227.59	8.915	226.45
144	9.023	229.18	8.978	228.04
145	9.086	230.77	9.041	229.63
146	9.148	232.37	9.103	231.22
147	9.211	233.96	9.166	232.81
148	9.274	235.55	9.229	234.41
149	9.336	237.14	9.291	236.00
150	9.399	238.73	9.354	237.59
151	9.462	240.32	9.417	239.18
152	9.524	241.91	9.479	240.77
153	9.587	243.51	9.542	242.36
154	9.650	245.10	9.605	243.96
155	9.712	246.69	9.667	245.55
156	9.775	248.28	9.730	247.14
157	9.837	249.87	9.792	248.73
158	9.900	251.46	9.855	250.32
159	9.963	253.06	9.918	251.91
160	10.025	254.65	9.980	253.50
161	10.088	256.24	10.043	255.10
162	10.151	257.83	10.106	256.69
163	10.213	259.42	10.168	258.28
164	10.276	261.01	10.231	259.87
165	10.339	262.61	10.294	261.46
166	10.401	264.20	10.356	263.05
167	10.464	265.79	10.419	264.65
168	10.527	267.38	10.482	266.24
169	10.589	268.97	10.544	267.83
170	10.652	270.56	10.607	269.42
171	10.715	272.15	10.670	271.01
172	10.777	273.75	10.732	272.60
173	10.840	275.34	10.795	274.19
174	10.903	276.93	10.858	275.79
175	10.965	278.52	10.920	277.38
176	11.028	280.11	10.983	278.97
177	11.091	281.70	11.046	280.56
178	11.153	283.30	11.108	282.15
179	11.216	284.89	11.171	283.74
180	11.279	286.48	11.234	285.34
181	11.341	288.07	11.296	286.93
182	11.404	289.66	11.359	288.52
183	11.467	291.25	11.422	290.11
184	11.529	292.84	11.484	291.70
185	11.592	294.44	11.547	293.29
186	11.655	296.03	11.610	294.88
187	11.717	297.62	11.672	296.48
188	11.780	299.21	11.735	298.07
189	11.843	300.80	11.798	299.66
190	11.905	302.39	11.860	301.25
191	11.968	303.99	11.923	302.84
192	12.031	305.58	11.986	304.43
193	12.093	307.17	12.048	306.03
194	12.156	308.76	12.111	307.62
195	12.219	310.35	12.174	309.21
196	12.281	311.94	12.236	310.80
197	12.344	313.53	12.299	312.39
198	12.407	315.13	12.362	313.98
199	12.469	316.72	12.424	315.57
200	12.532	318.31	12.487	317.17
201	12.594	319.90	12.549	318.76
202	12.657	321.49	12.612	320.35
203	12.720	323.08	12.675	321.94
204	12.782	324.68	12.737	323.53
205	12.845	326.27	12.800	325.12
206	12.908	327.86	12.863	326.72
207	12.970	329.45	12.925	328.31
208	13.033	331.04	12.988	329.90
209	13.096	332.63	13.051	331.49

8 mm Pitch HTD® Pulley Dimensions**Table 11**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
22	2.206	56.02	2.152	54.65
23	2.306	58.57	2.252	57.20
24	2.406	61.12	2.352	59.74
25	2.506	63.66	2.452	62.29
26	2.607	66.21	2.553	64.84
27	2.707	68.75	2.653	67.38
28	2.807	71.30	2.753	69.93
29	2.907	73.85	2.853	72.48
30	3.008	76.39	2.954	75.02
31	3.108	78.94	3.054	77.57
32	3.208	81.49	3.154	80.12
33	3.308	84.03	3.254	82.66
34	3.409	86.58	3.355	85.21
35	3.509	89.13	3.455	87.76
36	3.609	91.67	3.555	90.30
37	3.709	94.22	3.655	92.85
38	3.810	96.77	3.756	95.39
39	3.910	99.31	3.856	97.94
40	4.010	101.86	3.956	100.49
41	4.110	104.41	4.056	103.03
42	4.211	106.95	4.157	105.58
43	4.311	109.50	4.257	108.13
44	4.411	112.05	4.357	110.67
45	4.511	114.59	4.457	113.22
46	4.612	117.14	4.558	115.77
47	4.712	119.68	4.658	118.31
48	4.812	122.23	4.758	120.86
49	4.912	124.78	4.858	123.41
50	5.013	127.32	4.959	125.95
51	5.113	129.87	5.059	128.50
52	5.213	132.42	5.159	131.05
53	5.314	134.96	5.260	133.59
54	5.414	137.51	5.360	136.14
55	5.514	140.06	5.460	138.68
56	5.614	142.60	5.560	141.23
57	5.715	145.15	5.661	143.78
58	5.815	147.70	5.761	146.32
59	5.915	150.24	5.861	148.87
60	6.015	152.79	5.961	151.42
61	6.116	155.34	6.062	153.96
62	6.216	157.88	6.162	156.51
63	6.316	160.43	6.262	159.06
64	6.416	162.97	6.362	161.60
65	6.517	165.52	6.463	164.15
66	6.617	168.07	6.563	166.70
67	6.717	170.61	6.663	169.24
68	6.817	173.16	6.763	171.79
69	6.918	175.71	6.864	174.34
70	7.018	178.25	6.964	176.88
71	7.118	180.80	7.064	179.43
72	7.218	183.35	7.164	181.97
73	7.319	185.89	7.265	184.52
74	7.419	188.44	7.365	187.07
75	7.519	190.99	7.465	189.61
76	7.619	193.53	7.565	192.16
77	7.720	196.08	7.666	194.71
78	7.820	198.63	7.766	197.25
79	7.920	201.17	7.866	199.80
80	8.020	203.72	7.966	202.35
81	8.121	206.26	8.067	204.89
82	8.221	208.81	8.167	207.44
83	8.321	211.36	8.267	209.99
84	8.421	213.90	8.367	212.53
85	8.522	215.45	8.468	215.08
86	8.622	219.00	8.568	217.63
87	8.722	221.54	8.668	220.17
88	8.822	224.09	8.768	222.72
89	8.923	226.64	8.869	225.27
90	9.023	229.18	8.969	227.81
91	9.123	231.73	9.069	230.36
92	9.223	234.28	9.169	232.90
93	9.324	236.82	9.270	235.45
94	9.424	239.37	9.370	238.00
95	9.524	241.92	9.470	240.54
96	9.624	244.46	9.570	243.09
97	9.725	247.01	9.671	245.64
98	9.825	249.55	9.771	248.18
99	9.925	252.10	9.871	250.73
100	10.026	254.65	9.972	253.28
101	10.126	257.19	10.072	255.82
102	10.226	259.74	10.172	258.37
103	10.326	262.29	10.272	260.92
104	10.427	264.83	10.373	263.46
105	10.527	267.38	10.473	266.01
106	10.627	269.93	10.573	268.56
107	10.727	272.47	10.673	271.10
108	10.828	275.02	10.774	273.65
109	10.928	277.57	10.874	276.19
110	11.028	280.11	10.974	278.74
111	11.128	282.66	11.074	281.29

Continued on the next page

8 mm Pitch HTD® Pulley Dimensions**Table 11 (Cont.)**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
112	11.229	285.21	11.175	283.83
113	11.329	287.75	11.275	286.38
114	11.429	290.30	11.375	288.93
115	11.529	292.85	11.475	291.47
116	11.630	295.39	11.576	294.02
117	11.730	297.94	11.676	296.57
118	11.830	300.48	11.776	299.11
119	11.930	303.03	11.876	301.66
120	12.031	305.58	11.977	304.21
121	12.131	308.12	12.077	306.75
122	12.231	310.67	12.177	309.30
123	12.331	313.22	12.277	311.85
124	12.432	315.76	12.378	314.39
125	12.532	318.31	12.478	316.94
126	12.632	320.86	12.578	319.48
127	12.732	323.40	12.678	322.03
128	12.833	325.95	12.779	324.58
129	12.933	328.50	12.879	327.12
130	13.033	331.04	12.979	329.67
131	13.133	333.59	13.079	332.22
132	13.234	336.14	13.180	334.76
133	13.334	338.68	13.280	337.31
134	13.434	341.23	13.380	339.86
135	13.534	343.77	13.480	342.40
136	13.635	346.32	13.581	344.95
137	13.735	348.87	13.681	347.50
138	13.835	351.41	13.781	350.04
139	13.935	353.96	13.881	352.59
140	14.036	356.51	13.982	355.14
141	14.136	359.05	14.082	357.68
142	14.236	361.60	14.182	360.23
143	14.336	364.15	14.282	362.77
144	14.437	366.69	14.383	365.32
145	14.537	369.24	14.483	367.87
146	14.637	371.79	14.583	370.41
147	14.737	374.33	14.683	372.96
148	14.838	376.88	14.784	375.51
149	14.938	379.43	14.884	378.05
150	15.038	381.97	14.984	380.60
151	15.139	384.52	15.085	383.15
152	15.239	387.06	15.185	385.69
153	15.339	389.61	15.285	388.24
154	15.439	392.16	15.385	390.79
155	15.540	394.70	15.486	393.33
156	15.640	397.25	15.586	395.88
157	15.740	399.80	15.686	398.43
158	15.840	402.34	15.786	400.97
159	15.941	404.89	15.887	403.52
160	16.041	407.44	15.987	406.07
161	16.141	409.98	16.087	408.61
162	16.241	412.53	16.187	411.16
163	16.342	415.08	16.288	413.70
164	16.442	417.62	16.388	416.25
165	16.542	420.17	16.488	418.80
166	16.642	422.72	16.588	421.34
167	16.743	425.26	16.689	423.89
168	16.843	427.81	16.789	426.44
169	16.943	430.35	16.889	428.98
170	17.043	432.90	16.989	431.53
171	17.144	435.45	17.090	434.08
172	17.244	437.99	17.190	436.62
173	17.344	440.54	17.290	439.17
174	17.444	443.09	17.390	441.72
175	17.545	445.63	17.491	444.26
176	17.645	448.18	17.591	446.81
177	17.745	450.73	17.691	449.36
178	17.845	453.27	17.791	451.90
179	17.946	455.82	17.892	454.45
180	18.046	458.37	17.992	456.99
181	18.146	460.91	18.092	459.54
182	18.246	463.46	18.192	462.09
183	18.347	466.01	18.293	464.63
184	18.447	468.55	18.393	467.18
185	18.547	471.10	18.493	469.73
186	18.647	473.65	18.593	472.27
187	18.748	476.19	18.694	474.82
188	18.848	478.74	18.794	477.37
189	18.948	481.28	18.894	479.91
190	19.048	483.83	18.994	482.46
191	19.149	486.38	19.095	485.01
192	19.249	488.92	19.195	487.55
193	19.349	491.47	19.295	490.10
194	19.449	494.02	19.395	492.65
195	19.550	496.56	19.496	495.19
196	19.650	499.11	19.596	497.74
197	19.750	501.66	19.696	500.28
198	19.851	504.20	19.797	502.83
199	19.951	506.75	19.897	505.38
200	20.051	509.30	19.997	507.92
201	20.151	511.84	20.097	510.47

2 mm Pitch GT®2 Pulley Dimensions**Table 12**

No. of Grooves	Pitch Diameter		Outside Diameter		No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm		Inch	mm	Inch	mm
10	.251	6.37	.231	5.86	50	1.253	31.83	1.233	31.32
11	.276	7.01	.256	6.50	51	1.278	32.47	1.258	31.96
12	.301	7.64	.281	7.13	52	1.303	33.10	1.283	32.60
13	.326	8.28	.306	7.77	53	1.328	33.74	1.308	33.23
14	.351	8.91	.331	8.40	54	1.353	34.38	1.333	33.87
15	.376	9.55	.356	9.04	55	1.379	35.01	1.359	34.51
16	.401	10.19	.381	9.68	56	1.404	35.65	1.384	35.14
17	.426	10.82	.406	10.31	57	1.429	36.29	1.409	35.78
18	.451	11.46	.431	10.95	58	1.454	36.92	1.434	36.42
19	.476	12.10	.456	11.59	59	1.479	37.56	1.459	37.05
20	.501	12.73	.481	12.22	60	1.504	38.20	1.484	37.69
21	.526	13.37	.506	12.86	61	1.529	38.83	1.509	38.33
22	.551	14.01	.531	13.50	62	1.554	39.47	1.534	38.96
23	.576	14.64	.556	14.13	63	1.579	40.11	1.559	39.60
24	.602	15.28	.582	14.77	64	1.604	40.74	1.584	40.24
25	.627	15.92	.607	15.41	65	1.629	41.38	1.609	40.87
26	.652	16.55	.632	16.04	66	1.654	42.02	1.634	41.51
27	.677	17.19	.657	16.68	67	1.679	42.65	1.659	42.15
28	.702	17.83	.682	17.32	68	1.704	43.29	1.684	42.78
29	.727	18.46	.707	17.95	69	1.729	43.93	1.709	43.42
30	.752	19.10	.732	18.59	70	1.754	44.56	1.734	44.06
31	.777	19.74	.757	19.23	71	1.780	45.20	1.760	44.69
32	.802	20.37	.782	19.86	72	1.805	45.84	1.785	45.33
33	.827	21.01	.807	20.50	73	1.830	46.47	1.810	45.97
34	.852	21.65	.832	21.14	74	1.855	47.11	1.835	46.60
35	.877	22.28	.857	21.77	75	1.880	47.75	1.860	47.24
36	.902	22.92	.882	22.41	76	1.905	48.38	1.885	47.88
37	.927	23.55	.907	23.05	77	1.930	49.02	1.910	48.51
38	.952	24.19	.932	23.68	78	1.955	49.66	1.935	49.15
39	.977	24.83	.957	24.32	79	1.980	50.29	1.960	49.79
40	1.003	25.46	.983	24.96	80	2.005	50.93	1.985	50.42
41	1.028	26.10	1.008	25.59	81	2.030	51.57	2.010	51.06
42	1.053	26.74	1.033	26.23	82	2.055	52.20	2.035	51.69
43	1.078	27.37	1.058	26.87	83	2.080	52.84	2.060	52.33
44	1.103	28.01	1.083	27.50	84	2.105	53.48	2.085	52.97
45	1.128	28.65	1.108	28.14	85	2.130	54.11	2.110	53.60
46	1.153	29.28	1.133	28.78	86	2.155	54.75	2.135	54.24
47	1.178	29.92	1.158	29.41	87	2.181	55.39	2.161	54.88
48	1.203	30.56	1.183	30.05	88	2.206	56.02	2.186	55.51
49	1.228	31.19	1.208	30.69	89	2.231	56.66	2.211	56.15

Continued on the next page

2 mm Pitch GT®2 Pulley Dimensions**Table 12 (Cont.)**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
90	2.256	57.30	2.236	56.79
91	2.281	57.93	2.261	57.42
92	2.306	58.57	2.286	58.06
93	2.331	59.21	2.311	58.70
94	2.356	59.84	2.336	59.33
95	2.381	60.48	2.361	59.97
96	2.406	61.12	2.386	60.61
97	2.431	61.75	2.411	61.24
98	2.456	62.39	2.436	61.88
99	2.481	63.03	2.461	62.52
100	2.506	63.66	2.486	63.15
101	2.531	64.30	2.511	63.79
102	2.557	64.94	2.537	64.43
103	2.582	65.57	2.562	65.06
104	2.607	66.21	2.587	65.70
105	2.632	66.85	2.612	66.34
106	2.657	67.48	2.637	66.97
107	2.682	68.12	2.662	67.61
108	2.707	68.75	2.687	68.25
109	2.732	69.39	2.712	68.88
110	2.757	70.03	2.737	69.52
111	2.782	70.66	2.762	70.16
112	2.807	71.30	2.787	70.79
113	2.832	71.94	2.812	71.43
114	2.857	72.57	2.837	72.07
115	2.882	73.21	2.862	72.70
116	2.907	73.85	2.887	73.34
117	2.932	74.48	2.912	73.98
118	2.958	75.12	2.938	74.61
119	2.983	75.76	2.963	75.25
120	3.008	76.39	2.988	75.89
121	3.033	77.03	3.013	76.52
122	3.058	77.67	3.038	77.16
123	3.083	78.30	3.063	77.80
124	3.108	78.94	3.088	78.43
125	3.133	79.58	3.113	79.07

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
126	3.158	80.21	3.138	79.71
127	3.183	80.85	3.163	80.34
128	3.208	81.49	3.188	80.98
129	3.233	82.12	3.213	81.62
130	3.258	82.76	3.238	82.25
131	3.283	83.40	3.263	82.89
132	3.308	84.03	3.288	83.53
133	3.333	84.67	3.313	84.16
134	3.359	85.31	3.339	84.80
135	3.384	85.94	3.364	85.44
136	3.409	86.58	3.389	86.07
137	3.434	87.22	3.414	86.71
138	3.459	87.85	3.439	87.35
139	3.484	88.49	3.464	87.98
140	3.509	89.13	3.489	88.62
141	3.534	89.76	3.514	89.26
142	3.559	90.40	3.539	89.89
143	3.584	91.04	3.564	90.53
144	3.609	91.67	3.589	91.17
145	3.634	92.31	3.614	91.80
146	3.659	92.95	3.639	92.44
147	3.684	93.58	3.664	93.08
148	3.709	94.22	3.689	93.71
149	3.735	94.86	3.715	94.35
150	3.760	95.49	3.740	94.99
151	3.785	96.13	3.765	95.62
152	3.810	96.77	3.790	96.26
153	3.835	97.40	3.815	96.89
154	3.860	98.04	3.840	97.53
155	3.885	98.68	3.865	98.17
156	3.910	99.31	3.890	98.80
157	3.935	99.95	3.915	99.44
158	3.960	100.59	3.940	100.08
159	3.985	101.22	3.965	100.71
160	4.010	101.86	3.990	101.35

3 mm Pitch GT®2 Pulley Dimensions**Table 13**

No. of Grooves	Pitch Diameter		Outside Diameter		No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm		Inch	mm	Inch	mm
10	.376	9.55	.346	8.79	60	2.256	57.30	2.226	56.53
11	.414	10.50	.384	9.74	61	2.293	58.25	2.263	57.49
12	.451	11.46	.421	10.70	62	2.331	59.21	2.301	58.44
13	.489	12.41	.459	11.65	63	2.369	60.16	2.339	59.40
14	.526	13.37	.496	12.61	64	2.406	61.12	2.376	60.35
15	.564	14.32	.534	13.56	65	2.444	62.07	2.414	61.31
16	.602	15.28	.572	14.52	66	2.481	63.03	2.451	62.26
17	.639	16.23	.609	15.47	67	2.519	63.98	2.489	63.22
18	.677	17.19	.647	16.43	68	2.556	64.94	2.526	64.17
19	.714	18.14	.684	17.38	69	2.594	65.89	2.564	65.13
20	.752	19.10	.722	18.34	70	2.632	66.84	2.602	66.08
21	.790	20.05	.760	19.29	71	2.669	67.80	2.639	67.04
22	.827	21.01	.797	20.25	72	2.707	68.75	2.677	67.99
23	.865	21.96	.835	21.20	73	2.744	69.71	2.714	68.95
24	.902	22.92	.872	22.16	74	2.782	70.66	2.752	69.90
25	.940	23.87	.910	23.11	75	2.820	71.62	2.790	70.86
26	.977	24.83	.947	24.07	76	2.857	72.57	2.827	71.81
27	1.015	25.78	.985	25.02	77	2.895	73.53	2.865	72.77
28	1.053	26.74	1.023	25.98	78	2.932	74.48	2.902	73.72
29	1.090	27.69	1.060	26.93	79	2.970	75.44	2.940	74.68
30	1.128	28.65	1.098	27.89	80	3.008	76.39	2.978	75.63
31	1.165	29.60	1.135	28.84	81	3.045	77.35	3.015	76.59
32	1.203	30.56	1.173	29.80	82	3.083	78.30	3.053	77.54
33	1.241	31.51	1.211	30.75	83	3.120	79.26	3.090	78.50
34	1.278	32.47	1.248	31.71	84	3.158	80.21	3.128	79.45
35	1.316	33.42	1.286	32.66	85	3.196	81.17	3.166	80.41
36	1.353	34.38	1.323	33.62	86	3.233	82.12	3.203	81.36
37	1.391	35.33	1.361	34.57	87	3.271	83.08	3.241	82.32
38	1.429	36.29	1.399	35.53	88	3.308	84.03	3.278	83.27
39	1.466	37.24	1.436	36.48	89	3.346	84.99	3.316	84.23
40	1.504	38.20	1.474	37.44	90	3.384	85.94	3.354	85.18
41	1.541	39.15	1.511	38.39	91	3.421	86.90	3.391	86.14
42	1.579	40.11	1.549	39.34	92	3.459	87.85	3.429	87.09
43	1.617	41.06	1.587	40.30	93	3.496	88.81	3.466	88.05
44	1.654	42.02	1.624	41.25	94	3.534	89.76	3.504	89.00
45	1.692	42.97	1.662	42.21	95	3.572	90.72	3.542	89.96
46	1.729	43.93	1.699	43.16	96	3.609	91.67	3.579	90.91
47	1.767	44.88	1.737	44.12	97	3.647	92.63	3.617	91.87
48	1.805	45.84	1.775	45.07	98	3.684	93.58	3.654	92.82
49	1.842	46.79	1.812	46.03	99	3.722	94.54	3.692	93.78
50	1.880	47.75	1.850	46.98	100	3.760	95.49	3.730	94.73
51	1.917	48.70	1.887	47.94	101	3.797	96.45	3.767	95.69
52	1.955	49.66	1.925	48.89	102	3.835	97.40	3.805	96.64
53	1.993	50.61	1.963	49.85	103	3.872	98.36	3.842	97.60
54	2.030	51.57	2.000	50.80	104	3.910	99.31	3.880	98.55
55	2.068	52.52	2.038	51.76	105	3.948	100.27	3.918	99.51
56	2.105	53.48	2.075	52.71	106	3.985	101.22	3.955	100.46
57	2.143	54.43	2.113	53.67	107	4.023	102.18	3.993	101.42
58	2.181	55.39	2.151	54.62	108	4.060	103.13	4.030	102.37
59	2.218	56.34	2.188	55.58	109	4.098	104.09	4.068	103.33

Continued on the next page

3 mm Pitch GT®2 Pulley Dimensions

Table 13 (Cont.)

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
110	4.136	105.04	4.106	104.28
111	4.173	106.00	4.143	105.23
112	4.211	106.95	4.181	106.19
113	4.248	107.91	4.218	107.14
114	4.286	108.86	4.256	108.10
115	4.323	109.82	4.293	109.05
116	4.361	110.77	4.331	110.01
117	4.399	111.73	4.369	110.96
118	4.436	112.68	4.406	111.92
119	4.474	113.64	4.444	112.87
120	4.511	114.59	4.481	113.83
121	4.549	115.55	4.519	114.78
122	4.587	116.50	4.557	115.74
123	4.624	117.46	4.594	116.69
124	4.662	118.41	4.632	117.65
125	4.699	119.37	4.669	118.60
126	4.737	120.32	4.707	119.56
127	4.775	121.28	4.745	120.51
128	4.812	122.23	4.782	121.47
129	4.850	123.19	4.820	122.42
130	4.887	124.14	4.857	123.38
131	4.925	125.10	4.895	124.33
132	4.963	126.05	4.933	125.29
133	5.000	127.01	4.970	126.24
134	5.038	127.96	5.008	127.20
135	5.075	128.92	5.045	128.15
136	5.113	129.87	5.083	129.11
137	5.151	130.83	5.121	130.06
138	5.188	131.78	5.158	131.02
139	5.226	132.73	5.196	131.97
140	5.263	133.69	5.233	132.93
141	5.301	134.64	5.271	133.88
142	5.339	135.60	5.309	134.84
143	5.376	136.55	5.346	135.79
144	5.414	137.51	5.384	136.75
145	5.451	138.46	5.421	137.70
146	5.489	139.42	5.459	138.66
147	5.527	140.37	5.497	139.61
148	5.564	141.33	5.534	140.57
149	5.602	142.28	5.572	141.52
150	5.639	143.24	5.609	142.48
151	5.677	144.19	5.647	143.43
152	5.715	145.15	5.685	144.39
153	5.752	146.10	5.722	145.34
154	5.790	147.06	5.760	146.30
155	5.827	148.01	5.797	147.25
156	5.865	148.97	5.835	148.21
157	5.902	149.92	5.872	149.16
158	5.940	150.88	5.910	150.12
159	5.978	151.83	5.948	151.07

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
160	6.015	152.79	5.985	152.03
161	6.053	153.74	6.023	152.98
162	6.090	154.70	6.060	153.94
163	6.128	155.65	6.098	154.89
164	6.166	156.61	6.136	155.85
165	6.203	157.56	6.173	156.80
166	6.241	158.52	6.211	157.76
167	6.278	159.47	6.248	158.71
168	6.316	160.43	6.286	159.67
169	6.354	161.38	6.324	160.62
170	6.391	162.34	6.361	161.58
171	6.429	163.29	6.399	162.53
172	6.466	164.25	6.436	163.49
173	6.504	165.20	6.474	164.44
174	6.542	166.16	6.512	165.40
175	6.579	167.11	6.549	166.35
176	6.617	168.07	6.587	167.31
177	6.654	169.02	6.624	168.26
178	6.692	169.98	6.662	169.22
179	6.730	170.93	6.700	170.17
180	6.767	171.89	6.737	171.12
181	6.805	172.84	6.775	172.08
182	6.842	173.80	6.812	173.03
183	6.880	174.75	6.850	173.99
184	6.918	175.71	6.888	174.94
185	6.955	176.66	6.925	175.90
186	6.993	177.62	6.963	176.85
187	7.030	178.57	7.000	177.81
188	7.068	179.53	7.038	178.76
189	7.106	180.48	7.076	179.72
190	7.143	181.44	7.113	180.67
191	7.181	182.39	7.151	181.63
192	7.218	183.35	7.188	182.58
193	7.256	184.30	7.226	183.54
194	7.294	185.26	7.264	184.49
195	7.331	186.21	7.301	185.45
196	7.369	187.17	7.339	186.40
197	7.406	188.12	7.376	187.36
198	7.444	189.08	7.414	188.31
199	7.482	190.03	7.452	189.27
200	7.519	190.99	7.489	190.22
201	7.557	191.94	7.527	191.18
202	7.594	192.90	7.564	192.13
203	7.632	193.85	7.602	193.09
204	7.669	194.81	7.639	194.04
205	7.707	195.76	7.677	195.00
206	7.745	196.72	7.715	195.95
207	7.782	197.67	7.752	196.91
208	7.820	198.62	7.790	197.86
209	7.857	199.58	7.827	198.82

5 mm Pitch GT®2 Pulley Dimensions**Table 14**

No. of Grooves	Pitch Diameter		Outside Diameter		No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm		Inch	mm	Inch	mm
10	.627	15.92	.582	14.77	60	3.760	95.49	3.715	94.35
11	.689	17.51	.644	16.36	61	3.822	97.08	3.777	95.94
12	.752	19.10	.707	17.96	62	3.885	98.68	3.840	97.53
13	.815	20.69	.770	19.55	63	3.948	100.27	3.903	99.12
14	.877	22.28	.832	21.14	64	4.010	101.86	3.965	100.72
15	.940	23.87	.895	22.73	65	4.073	103.45	4.028	102.31
16	1.003	25.46	.958	24.32	66	4.136	105.04	4.091	103.90
17	1.065	27.06	1.020	25.91	67	4.198	106.63	4.153	105.49
18	1.128	28.65	1.083	27.50	68	4.261	108.23	4.216	107.08
19	1.191	30.24	1.146	29.10	69	4.323	109.82	4.278	108.67
20	1.253	31.83	1.208	30.69	70	4.386	111.41	4.341	110.27
21	1.316	33.42	1.271	32.28	71	4.449	113.00	4.404	111.86
22	1.379	35.01	1.334	33.87	72	4.511	114.59	4.466	113.45
23	1.441	36.61	1.396	35.46	73	4.574	116.18	4.529	115.04
24	1.504	38.20	1.459	37.05	74	4.637	117.77	4.592	116.63
25	1.566	39.79	1.521	38.65	75	4.699	119.37	4.654	118.22
26	1.629	41.38	1.584	40.24	76	4.762	120.96	4.717	119.81
27	1.692	42.97	1.647	41.83	77	4.825	122.55	4.780	121.41
28	1.754	44.56	1.709	43.42	78	4.887	124.14	4.842	123.00
29	1.817	46.15	1.772	45.01	79	4.950	125.73	4.905	124.59
30	1.880	47.75	1.835	46.60	80	5.013	127.32	4.968	126.18
31	1.942	49.34	1.897	48.19	81	5.075	128.92	5.030	127.77
32	2.005	50.93	1.960	49.79	82	5.138	130.51	5.093	129.36
33	2.068	52.52	2.023	51.38	83	5.201	132.10	5.156	130.96
34	2.130	54.11	2.085	52.97	84	5.263	133.69	5.218	132.55
35	2.193	55.70	2.148	54.56	85	5.326	135.28	5.281	134.14
36	2.256	57.30	2.211	56.15	86	5.389	136.87	5.344	135.73
37	2.318	58.89	2.273	57.74	87	5.451	138.46	5.406	137.32
38	2.381	60.48	2.336	59.34	88	5.514	140.06	5.469	138.91
39	2.444	62.07	2.399	60.93	89	5.577	141.65	5.532	140.50
40	2.506	63.66	2.461	62.52	90	5.639	143.24	5.594	142.10
41	2.569	65.25	2.524	64.11	91	5.702	144.83	5.657	143.69
42	2.632	66.84	2.587	65.70	92	5.765	146.42	5.720	145.28
43	2.694	68.44	2.649	67.29	93	5.827	148.01	5.782	146.87
44	2.757	70.03	2.712	68.89	94	5.890	149.61	5.845	148.46
45	2.820	71.62	2.775	70.48	95	5.953	151.20	5.908	150.05
46	2.882	73.21	2.837	72.07	96	6.015	152.79	5.970	151.65
47	2.945	74.80	2.900	73.66	97	6.078	154.38	6.033	153.24
48	3.008	76.39	2.963	75.25	98	6.141	155.97	6.096	154.83
49	3.070	77.99	3.025	76.84	99	6.203	157.56	6.158	156.42
50	3.133	79.58	3.088	78.43	100	6.266	159.15	6.221	158.01
51	3.196	81.17	3.151	80.03	101	6.329	160.75	6.284	159.60
52	3.258	82.76	3.213	81.62	102	6.391	162.34	6.346	161.19
53	3.321	84.35	3.276	83.21	103	6.454	163.93	6.409	162.79
54	3.384	85.94	3.339	84.80	104	6.517	165.52	6.472	164.38
55	3.446	87.54	3.401	86.39	105	6.579	167.11	6.534	165.97
56	3.509	89.13	3.464	87.98	106	6.642	168.70	6.597	167.56
57	3.572	90.72	3.527	89.58	107	6.705	170.30	6.660	169.15
58	3.634	92.31	3.589	91.17	108	6.767	171.89	6.722	170.74
59	3.697	93.90	3.652	92.76	109	6.830	173.48	6.785	172.34

Continued on the next page

5 mm Pitch GT®2 Pulley Dimensions**Table 14 (Cont.)**

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
110	6.893	175.07	6.848	173.93
111	6.955	176.66	6.910	175.52
112	7.018	178.25	6.973	177.11
113	7.080	179.84	7.035	178.70
114	7.143	181.44	7.098	180.29
115	7.206	183.03	7.161	181.88
116	7.268	184.62	7.223	183.48
117	7.331	186.21	7.286	185.07
118	7.394	187.80	7.349	186.66
119	7.456	189.39	7.411	188.25
120	7.519	190.99	7.474	189.84
121	7.582	192.58	7.537	191.43
122	7.644	194.17	7.599	193.03
123	7.707	195.76	7.662	194.62
124	7.770	197.35	7.725	196.21
125	7.832	198.94	7.787	197.80
126	7.895	200.53	7.850	199.39
127	7.958	202.13	7.913	200.98
128	8.020	203.72	7.975	202.57
129	8.083	205.31	8.038	204.17
130	8.146	206.90	8.101	205.76
131	8.208	208.49	8.163	207.35
132	8.271	210.08	8.226	208.94
133	8.334	211.68	8.289	210.53
134	8.396	213.27	8.351	212.12
135	8.459	214.86	8.414	213.72
136	8.522	216.45	8.477	215.31
137	8.584	218.04	8.539	216.90
138	8.647	219.63	8.602	218.49
139	8.710	221.22	8.665	220.08
140	8.772	222.82	8.727	221.67
141	8.835	224.41	8.790	223.26
142	8.898	226.00	8.853	224.86
143	8.960	227.59	8.915	226.45
144	9.023	229.18	8.978	228.04
145	9.086	230.77	9.041	229.63
146	9.148	232.37	9.103	231.22
147	9.211	233.96	9.166	232.81
148	9.274	235.55	9.229	234.41
149	9.336	237.14	9.291	236.00
150	9.399	238.73	9.354	237.59
151	9.462	240.32	9.417	239.18
152	9.524	241.91	9.479	240.77
153	9.587	243.51	9.542	242.36
154	9.650	245.10	9.605	243.96
155	9.712	246.69	9.667	245.55
156	9.775	248.28	9.730	247.14
157	9.837	249.87	9.792	248.73
158	9.900	251.46	9.855	250.32
159	9.963	253.06	9.918	251.91
160	10.025	254.65	9.980	253.50
161	10.088	256.24	10.043	255.10
162	10.151	257.83	10.106	256.69
163	10.213	259.42	10.168	258.28
164	10.276	261.01	10.231	259.87
165	10.339	262.61	10.294	261.46
166	10.401	264.20	10.356	263.05
167	10.464	265.79	10.419	264.65
168	10.527	267.38	10.482	266.24
169	10.589	268.97	10.544	267.83
170	10.652	270.56	10.607	269.42
171	10.715	272.15	10.670	271.01
172	10.777	273.75	10.732	272.60
173	10.840	275.34	10.795	274.19
174	10.903	276.93	10.858	275.79
175	10.965	278.52	10.920	277.38
176	11.028	280.11	10.983	278.97
177	11.091	281.70	11.046	280.56
178	11.153	283.30	11.108	282.15
179	11.216	284.89	11.171	283.74
180	11.279	286.48	11.234	285.34
181	11.341	288.07	11.296	286.93
182	11.404	289.66	11.359	288.52
183	11.467	291.25	11.422	290.11
184	11.529	292.84	11.484	291.70
185	11.592	294.44	11.547	293.29
186	11.655	296.03	11.610	294.88
187	11.717	297.62	11.672	296.48
188	11.780	299.21	11.735	298.07
189	11.843	300.80	11.798	299.66
190	11.905	302.39	11.860	301.25
191	11.968	303.99	11.923	302.84
192	12.031	305.58	11.986	304.43
193	12.093	307.17	12.048	306.03
194	12.156	308.76	12.111	307.62
195	12.219	310.35	12.174	309.21
196	12.281	311.94	12.236	310.80
197	12.344	313.53	12.299	312.39
198	12.407	315.13	12.362	313.98
199	12.469	316.72	12.424	315.57
200	12.532	318.31	12.487	317.17
201	12.594	319.90	12.549	318.76
202	12.657	321.49	12.612	320.35
203	12.720	323.08	12.675	321.94
204	12.782	324.68	12.737	323.53
205	12.845	326.27	12.800	325.12
206	12.908	327.86	12.863	326.72
207	12.970	329.45	12.925	328.31
208	13.033	331.04	12.988	329.90
209	13.096	332.63	13.051	331.49

T2.5 (.098") Pitch Pulley Dimensions

Table 15

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	.317	8.05	.293	7.45
11	.348	8.85	.325	8.25
12	.378	9.60	.354	9.00
13	.409	10.40	.386	9.80
14	.441	11.20	.417	10.60
15	.472	12.00	.449	11.40
16	.504	12.80	.480	12.20
17	.535	13.60	.512	13.00
18	.567	14.40	.543	13.80
19	.598	15.20	.575	14.60
20	.630	16.00	.606	15.40
21	.661	16.80	.638	16.20
22	.693	17.60	.669	17.00
23	.724	18.40	.701	17.80
24	.754	19.15	.730	18.55
25	.785	19.95	.762	19.35
26	.817	20.75	.793	20.15
27	.848	21.55	.825	20.95
28	.880	22.35	.856	21.75
29	.911	23.15	.888	22.55
30	.943	23.95	.919	23.35
31	.974	24.75	.951	24.15
32	1.006	25.55	.982	24.95
33	1.037	26.35	1.014	25.75
34	1.069	27.15	1.045	26.55
35	1.100	27.95	1.077	27.35
36	1.132	28.75	1.108	28.15
37	1.161	29.50	1.138	28.90
38	1.193	30.30	1.169	29.70
39	1.224	31.10	1.201	30.50
40	1.256	31.90	1.232	31.30
41	1.287	32.70	1.264	32.10
42	1.319	33.50	1.295	32.90
43	1.350	34.30	1.327	33.70
44	1.382	35.10	1.358	34.50
45	1.413	35.90	1.390	35.30
46	1.445	36.70	1.421	36.10
47	1.476	37.50	1.453	36.90
48	1.508	38.30	1.484	37.70
49	1.537	39.05	1.514	38.45
50	1.569	39.85	1.545	39.25
51	1.600	40.65	1.577	40.05
52	1.632	41.45	1.608	40.85
53	1.663	42.25	1.640	41.65
54	1.695	43.05	1.671	42.45
55	1.726	43.85	1.703	43.25
56	1.758	44.65	1.734	44.05
57	1.789	45.45	1.766	44.85
58	1.821	46.25	1.797	45.65
59	1.852	47.05	1.829	46.45
60	1.884	47.85	1.860	47.25

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
61	1.915	48.65	1.892	48.05
62	1.945	49.40	1.921	48.80
63	1.976	50.20	1.953	49.60
64	2.008	51.00	1.984	50.40
65	2.039	51.80	2.016	51.20
66	2.071	52.60	2.047	52.00
67	2.102	53.40	2.079	52.80
68	2.134	54.20	2.110	53.60
69	2.165	55.00	2.142	54.40
70	2.197	55.80	2.173	55.20
71	2.228	56.60	2.205	56.00
72	2.260	57.40	2.236	56.80
73	2.291	58.20	2.268	57.60
74	2.321	58.95	2.297	58.35
75	2.352	59.75	2.329	59.15
76	2.384	60.55	2.360	59.95
77	2.415	61.35	2.392	60.75
78	2.447	62.15	2.423	61.55
79	2.478	62.95	2.455	62.35
80	2.510	63.75	2.486	63.15
81	2.541	64.55	2.518	63.95
82	2.573	65.35	2.549	64.75
83	2.604	66.15	2.581	65.55
84	2.636	66.95	2.612	66.35
85	2.667	67.75	2.644	67.15
86	2.699	68.55	2.675	67.95
87	2.728	69.30	2.705	68.70
88	2.760	70.10	2.736	69.50
89	2.791	70.90	2.768	70.30
90	2.823	71.70	2.799	71.10
91	2.854	72.50	2.831	71.90
92	2.886	73.30	2.862	72.70
93	2.917	74.10	2.894	73.50
94	2.949	74.90	2.925	74.30
95	2.980	75.70	2.957	75.10
96	3.012	76.50	2.988	75.90
97	3.043	77.30	3.020	76.70
98	3.075	78.10	3.051	77.50
99	3.104	78.85	3.081	78.25
100	3.136	79.65	3.112	79.05
101	3.167	80.45	3.144	79.85
102	3.199	81.25	3.175	80.65
103	3.230	82.05	3.207	81.45
104	3.262	82.85	3.238	82.25
105	3.293	83.65	3.270	83.05
106	3.325	84.45	3.301	83.85
107	3.356	85.25	3.333	84.65
108	3.388	86.05	3.364	85.45
109	3.419	86.85	3.396	86.25
110	3.451	87.65	3.427	87.05
111	3.482	88.45	3.459	87.85

T5 (.197") Pitch Pulley Dimensions

Table 16

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
10	.632	16.05	.593	15.05
11	.695	17.65	.656	16.65
12	.758	19.25	.719	18.25
13	.821	20.85	.781	19.85
14	.884	22.45	.844	21.45
15	.947	24.05	.907	23.05
16	1.008	25.60	.969	24.60
17	1.071	27.20	1.031	26.20
18	1.134	28.80	1.094	27.80
19	1.197	30.40	1.157	29.40
20	1.260	32.00	1.220	31.00
21	1.323	33.60	1.283	32.60
22	1.384	35.15	1.344	34.15
23	1.447	36.75	1.407	35.75
24	1.510	38.35	1.470	37.35
25	1.573	39.95	1.533	38.95
26	1.636	41.55	1.596	40.55
27	1.699	43.15	1.659	42.15
28	1.762	44.75	1.722	43.75
29	1.823	46.30	1.783	45.30
30	1.886	47.90	1.846	46.90
31	1.949	49.50	1.909	48.50
32	2.012	51.10	1.972	50.10
33	2.075	52.70	2.035	51.70
34	2.138	54.30	2.098	53.30
35	2.199	55.85	2.159	54.85
36	2.262	57.45	2.222	56.45
37	2.325	59.05	2.285	58.05
38	2.388	60.65	2.348	59.65
39	2.451	62.25	2.411	61.25
40	2.514	63.85	2.474	62.85
41	2.575	65.40	2.535	64.40
42	2.638	67.00	2.598	66.00
43	2.701	68.60	2.661	67.60
44	2.764	70.20	2.724	69.20
45	2.827	71.80	2.787	70.80
46	2.890	73.40	2.850	72.40
47	2.951	74.95	2.911	73.95
48	3.014	76.55	2.974	75.55
49	3.077	78.15	3.037	77.15
50	3.140	79.75	3.100	78.75
51	3.203	81.35	3.163	80.35
52	3.266	82.95	3.226	81.95
53	3.329	84.55	3.289	83.55
54	3.390	86.10	3.350	85.10
55	3.453	87.70	3.413	86.70
56	3.516	89.30	3.476	88.30
57	3.579	90.90	3.539	89.90
58	3.642	92.50	3.602	91.50
59	3.705	94.10	3.665	93.10
60	3.766	95.65	3.726	94.65

No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm
61	3.829	97.25	3.789	96.25
62	3.892	98.85	3.852	97.85
63	3.955	100.45	3.915	99.45
64	4.018	102.05	3.978	101.05
65	4.081	103.65	4.041	102.65
66	4.142	105.20	4.102	104.20
67	4.205	106.80	4.165	105.80
68	4.268	108.40	4.228	107.40
69	4.331	110.00	4.291	109.00
70	4.394	111.60	4.354	110.60
71	4.457	113.20	4.417	112.20
72	4.518	114.75	4.478	113.75
73	4.581	116.35	4.541	115.35
74	4.644	117.95	4.604	116.95
75	4.707	119.55	4.667	118.55
76	4.770	121.15	4.730	120.15
77	4.833	122.75	4.793	121.75
78	4.896	124.35	4.856	123.35
79	4.957	125.90	4.917	124.90
80	5.020	127.50	4.980	126.50
81	5.083	129.10	5.043	128.10
82	5.146	130.70	5.106	129.70
83	5.209	132.30	5.169	131.30
84	5.272	133.90	5.232	132.90
85	5.333	135.45	5.293	134.45
86	5.396	137.05	5.356	136.05
87	5.459	138.65	5.419	137.65
88	5.522	140.25	5.482	139.25
89	5.585	141.85	5.545	140.85
90	5.648	143.45	5.608	142.45
91	5.709	145.00	5.669	144.00
92	5.772	146.60	5.732	145.60
93	5.835	148.20	5.795	147.20
94	5.898	149.80	5.858	148.80
95	5.961	151.40	5.921	150.40
96	6.024	153.00	5.984	152.00
97	6.085	154.55	6.045	153.55
98	6.148	156.15	6.108	155.15
99	6.211	157.75	6.171	156.75
100	6.273	159.34	6.234	158.34
101	6.337	160.95	6.297	159.95
102	6.400	162.55	6.360	161.55
103	6.463	164.15	6.423	163.15
104	6.524	165.70	6.484	164.70
105	6.587	167.30	6.547	166.30
106	6.650	168.90	6.610	167.90
107	6.713	170.50	6.673	169.50
108	6.776	172.10	6.736	171.10
109	6.839	173.70	6.799	172.70
110	6.900	175.25	6.860	174.25
111	6.963	176.85	6.923	175.85

T10 (.394") Pitch Pulley Dimensions

Table 17

No. of Grooves	Pitch Diameter		Outside Diameter		No. of Grooves	Pitch Diameter		Outside Diameter	
	Inch	mm	Inch	mm		Inch	mm	Inch	mm
10	1.259	31.98	1.180	29.98	61	7.650	194.30	7.571	192.30
11	1.384	35.16	1.306	33.16	62	7.776	197.50	7.697	195.50
12	1.510	38.35	1.431	36.35	63	7.902	200.70	7.823	198.70
13	1.636	41.55	1.557	39.55	64	8.026	203.85	7.947	201.85
14	1.760	44.70	1.681	42.70	65	8.169	207.50	8.090	205.50
15	1.886	47.90	1.807	45.90	66	8.278	210.25	8.199	208.25
16	2.012	51.10	1.933	49.10	67	8.402	213.40	8.323	211.40
17	2.136	54.25	2.057	52.25	68	8.528	216.60	8.449	214.60
18	2.262	57.45	2.183	55.45	69	8.654	219.80	8.575	217.80
19	2.388	60.65	2.309	58.65	70	8.778	222.95	8.699	220.95
20	2.512	63.80	2.433	61.80	71	8.904	226.15	8.825	224.15
21	2.638	67.00	2.559	65.00	72	9.030	229.35	8.950	227.35
22	2.764	70.20	2.685	68.20	73	9.154	232.50	9.075	230.50
23	2.888	73.35	2.809	71.35	74	9.280	235.70	9.201	233.70
24	3.014	76.55	2.935	74.55	75	9.406	238.90	9.327	236.90
25	3.140	79.75	3.061	77.75	76	9.530	242.05	9.451	240.05
26	3.264	82.90	3.185	80.90	77	9.656	245.25	9.577	243.25
27	3.390	86.10	3.311	84.10	78	9.780	248.40	9.701	246.40
28	3.514	89.25	3.435	87.25	79	9.906	251.60	9.827	249.60
29	3.640	92.45	3.561	90.45	80	10.031	254.80	9.953	252.80
30	3.766	95.65	3.687	93.65	81	10.156	257.95	10.077	255.95
31	3.890	98.80	3.811	96.80	82	10.281	261.15	10.203	259.15
32	4.016	102.00	3.937	100.00	83	10.407	264.35	10.329	262.35
33	4.142	105.20	4.063	103.20	84	10.531	267.50	10.453	265.50
34	4.266	108.35	4.187	106.35	85	10.657	270.70	10.579	268.70
35	4.392	111.55	4.313	109.55	86	10.783	273.90	10.705	271.90
36	4.518	114.75	4.439	112.75	87	10.907	277.05	10.829	275.05
37	4.642	117.90	4.563	115.90	88	11.033	280.25	10.955	278.25
38	4.768	121.10	4.689	119.10	89	11.159	283.45	11.081	281.45
39	4.894	124.30	4.815	122.30	90	11.283	286.60	11.205	284.60
40	5.018	127.45	4.939	125.45	91	11.409	289.80	11.331	287.80
41	5.144	130.65	5.065	128.65	92	11.535	293.00	11.457	291.00
42	5.270	133.85	5.191	131.85	93	11.659	296.15	11.581	294.15
43	5.394	137.00	5.315	135.00	94	11.785	299.35	11.707	297.35
44	5.520	140.20	5.441	138.20	95	11.911	302.55	11.833	300.55
45	5.646	143.40	5.567	141.40	96	12.035	305.70	11.957	303.70
46	5.770	146.55	5.691	144.55	97	12.161	308.90	12.083	306.90
47	5.896	149.75	5.817	147.75	98	12.287	312.10	12.209	310.10
48	6.022	152.95	5.943	150.95	99	12.411	315.25	12.333	313.25
49	6.146	156.10	6.067	154.10	100	12.537	318.45	12.459	316.45
50	6.272	159.30	6.193	157.30	101	12.663	321.65	12.585	319.65
51	6.398	162.50	6.319	160.50	102	12.787	324.80	12.709	322.80
52	6.522	165.65	6.443	163.65	103	12.913	328.00	12.835	326.00
53	6.648	168.85	6.569	166.85	104	13.039	331.20	12.961	329.20
54	6.774	172.05	6.695	170.05	105	13.163	334.35	13.085	332.35
55	6.898	175.20	6.819	173.20	106	13.289	337.55	13.211	335.55
56	7.024	178.40	6.945	176.40	107	13.415	340.75	13.337	338.75
57	7.150	181.60	7.071	179.60	108	13.539	343.90	13.461	341.90
58	7.274	184.75	7.195	182.75	109	13.665	347.10	13.587	345.10
59	7.400	187.95	7.321	185.95	110	13.791	350.30	13.713	348.30
60	7.526	191.15	7.447	189.15	111	13.915	353.45	13.837	351.45

Table 18

Belt Type	Pitch		rpm Max.	Suggested Minimum*		
	Inch	mm		No. of Grooves	Pitch Diameter	
					inch	mm
MXL	0.080	2.03	10000	14	.357	9.07
			7500	12	.306	7.77
			5000	11	.280	7.11
			3500	10	.255	6.48
XL	0.200	5.08	3500	12	.764	19.41
			1750	11	.700	17.78
			1160	10	.637	16.18
L	0.375	9.525	3500	16	1.910	48.51
			1750	14	1.671	42.44
			1160	12	1.432	36.37
H	0.500	12.7	3500	20	3.182	80.82
			1750	18	2.865	72.77
			1160	16	2.546	64.67
HTD	0.118	3	3500	20	.752	19.1
			1750	18	.677	17.2
			1160	17	.639	16.23
	0.197	5	3500	30	1.880	47.75
			1750	26	1.629	41.38
			1160	22	1.379	35.03
	0.315	8	3500	32	3.208	81.48
			1750	28	2.807	71.3
			1160	24	2.406	61.11
GT®2	0.079	2	14000	16	.401	10.19
			7500	14	.351	8.92
			5000	12	.301	7.65
	0.118	3	5000	20	.752	19.1
			2800	18	.677	17.2
			1600	16	.602	15.29
	0.197	5	2000	22	1.379	35.03
			1400	20	1.253	31.83
			1000	18	1.128	28.65
T	.098	2.5	3600	14	.417	10.6
			1800			
			1200			
	.197	5	< 1200	16	.480	12.2
			3600	14	.844	21.45
			1800			
	1200					
.394	10	3600	16	1.931	49.05	
		1800				
		1200				
			< 1200	18	2.183	55.45

* Smaller pulleys than shown under "Suggested Minimum" may be used if a corresponding reduction in belt life is satisfactory. Use of pulleys smaller than those shown will be at customers' own responsibility for performance and belt life.