

SIDES = 12		ANGLE = 15										Board Length	
Outside Diameter	Seg. Len.	Board Width for Desired Wall Thickness										Blade Kerf	
		1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	0.100	0.125
1	0.268	0.259	0.500	-	-	-	-	-	-	-	-	4.415	4.715
1 1/2	0.402	0.267	0.509	0.750	-	-	-	-	-	-	-	6.023	6.323
2	0.536	0.276	0.517	0.759	1.000	-	-	-	-	-	-	7.631	7.931
2 1/2	0.670	0.284	0.526	0.767	1.009	1.250	-	-	-	-	-	9.238	9.538
3	0.804	0.293	0.534	0.776	1.017	1.259	1.500	-	-	-	-	10.846	11.146
3 1/2	0.938	0.301	0.543	0.784	1.026	1.267	1.509	1.750	-	-	-	12.454	12.754
4	1.072	0.310	0.551	0.793	1.034	1.276	1.517	1.759	2.000	-	-	14.062	14.362
4 1/2	1.206	0.318	0.560	0.801	1.043	1.284	1.526	1.767	2.009	2.250	-	15.669	15.969
5	1.340	0.327	0.568	0.810	1.051	1.293	1.534	1.776	2.017	2.259	2.500	17.277	17.577
5 1/2	1.474	0.335	0.577	0.818	1.060	1.301	1.543	1.784	2.026	2.267	2.509	18.885	19.185
6	1.608	0.344	0.585	0.827	1.068	1.310	1.551	1.793	2.034	2.276	2.517	20.492	20.792
6 1/2	1.742	0.352	0.594	0.835	1.077	1.318	1.560	1.801	2.043	2.284	2.526	22.100	22.400
7	1.876	0.361	0.602	0.844	1.085	1.327	1.568	1.810	2.051	2.293	2.534	23.708	24.008
7 1/2	2.010	0.369	0.611	0.852	1.094	1.335	1.577	1.818	2.060	2.301	2.543	25.315	25.615
8	2.144	0.378	0.619	0.861	1.102	1.344	1.585	1.827	2.068	2.310	2.551	26.923	27.223
8 1/2	2.278	0.386	0.628	0.869	1.111	1.352	1.594	1.835	2.077	2.318	2.560	28.531	28.831
9	2.412	0.395	0.636	0.878	1.119	1.361	1.602	1.844	2.085	2.327	2.568	30.139	30.439
9 1/2	2.546	0.403	0.645	0.886	1.128	1.369	1.611	1.852	2.094	2.335	2.577	31.746	32.046
10	2.679	0.412	0.653	0.895	1.136	1.378	1.619	1.861	2.102	2.344	2.585	33.354	33.654
10 1/2	2.813	0.420	0.662	0.903	1.145	1.386	1.628	1.869	2.111	2.352	2.594	34.962	35.262
11	2.947	0.429	0.670	0.912	1.153	1.395	1.636	1.878	2.119	2.361	2.602	36.569	36.869
11 1/2	3.081	0.437	0.679	0.920	1.162	1.403	1.645	1.886	2.128	2.369	2.611	38.177	38.477
12	3.215	0.446	0.687	0.929	1.170	1.412	1.653	1.895	2.136	2.378	2.619	39.785	40.085
12 1/2	3.349	0.454	0.696	0.937	1.179	1.420	1.662	1.903	2.145	2.386	2.628	41.392	41.692
13	3.483	0.463	0.704	0.946	1.187	1.429	1.670	1.912	2.153	2.395	2.636	43.000	43.300
13 1/2	3.617	0.471	0.713	0.954	1.196	1.437	1.679	1.920	2.162	2.403	2.645	44.608	44.908
14	3.751	0.480	0.721	0.963	1.204	1.446	1.687	1.929	2.170	2.412	2.653	46.215	46.515
14 1/2	3.885	0.489	0.730	0.971	1.213	1.454	1.696	1.937	2.179	2.420	2.662	47.823	48.123
15	4.019	0.497	0.739	0.980	1.221	1.463	1.704	1.946	2.187	2.429	2.670	49.431	49.731
15 1/2	4.153	0.506	0.747	0.989	1.230	1.471	1.713	1.954	2.196	2.437	2.679	51.039	51.339
16	4.287	0.514	0.756	0.997	1.239	1.480	1.721	1.963	2.204	2.446	2.687	52.646	52.946
16 1/2	4.421	0.523	0.764	1.006	1.247	1.489	1.730	1.971	2.213	2.454	2.696	54.254	54.554
17	4.555	0.531	0.773	1.014	1.256	1.497	1.739	1.980	2.221	2.463	2.704	55.862	56.162
17 1/2	4.689	0.540	0.781	1.023	1.264	1.506	1.747	1.989	2.230	2.471	2.713	57.469	57.769
18	4.823	0.548	0.790	1.031	1.273	1.514	1.756	1.997	2.239	2.480	2.721	59.077	59.377
18 1/2	4.957	0.557	0.798	1.040	1.281	1.523	1.764	2.006	2.247	2.489	2.730	60.685	60.985
19	5.091	0.565	0.807	1.048	1.290	1.531	1.773	2.014	2.256	2.497	2.739	62.292	62.592
19 1/2	5.225	0.574	0.815	1.057	1.298	1.540	1.781	2.023	2.264	2.506	2.747	63.900	64.200
20	5.359	0.582	0.824	1.065	1.307	1.548	1.790	2.031	2.273	2.514	2.756	65.508	65.808
20 1/2	5.493	0.591	0.832	1.074	1.315	1.557	1.798	2.040	2.281	2.523	2.764	67.116	67.416
21	5.627	0.599	0.841	1.082	1.324	1.565	1.807	2.048	2.290	2.531	2.773	68.723	69.023
21 1/2	5.761	0.608	0.849	1.091	1.332	1.574	1.815	2.057	2.298	2.540	2.781	70.331	70.631
22	5.895	0.616	0.858	1.099	1.341	1.582	1.824	2.065	2.307	2.548	2.790	71.939	72.239
22 1/2	6.029	0.625	0.866	1.108	1.349	1.591	1.832	2.074	2.315	2.557	2.798	73.546	73.846
23	6.163	0.633	0.875	1.116	1.358	1.599	1.841	2.082	2.324	2.565	2.807	75.154	75.454
23 1/2	6.297	0.642	0.883	1.125	1.366	1.608	1.849	2.091	2.332	2.574	2.815	76.762	77.062
24	6.431	0.650	0.892	1.133	1.375	1.616	1.858	2.099	2.341	2.582	2.824	78.369	78.669
24 1/2	6.565	0.659	0.900	1.142	1.383	1.625	1.866	2.108	2.349	2.591	2.832	79.977	80.277
25	6.699	0.667	0.909	1.150	1.392	1.633	1.875	2.116	2.358	2.599	2.841	81.585	81.885

1/16	0.0625	1/4	0.2500	7/16	0.4375	5/8	0.6250	13/16	0.8125
3/32	0.0938	9/32	0.2813	15/32	0.4688	21/32	0.6563	27/32	0.8438
1/8	0.1250	5/16	0.3125	1/2	0.5000	11/16	0.6875	7/8	0.8750
5/32	0.1563	11/32	0.3438	17/32	0.5313	23/32	0.7188	29/32	0.9063
3/16	0.1875	3/8	0.3750	9/16	0.5625	3/4	0.7500	15/16	0.9375
7/32	0.2188	13/32	0.4063	19/32	0.5938	25/32	0.7813	31/32	0.9688