

SIDES = 16		ANGLE = 11.25										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	0.199	0.255	0.500	-	-	-	-	-	-	-	-	4.783	5.183
1 1/2	0.298	0.260	0.505	0.750	-	-	-	-	-	-	-	6.374	6.774
2	0.398	0.264	0.510	0.755	1.000	-	-	-	-	-	-	7.965	8.365
2 1/2	0.497	0.269	0.514	0.760	1.005	1.250	-	-	-	-	-	9.556	9.956
3	0.597	0.274	0.519	0.764	1.010	1.255	1.500	-	-	-	-	11.148	11.548
3 1/2	0.696	0.279	0.524	0.769	1.014	1.260	1.505	1.750	-	-	-	12.739	13.139
4	0.796	0.284	0.529	0.774	1.019	1.264	1.510	1.755	2.000	-	-	14.330	14.730
4 1/2	0.895	0.288	0.534	0.779	1.024	1.269	1.514	1.760	2.005	2.250	-	15.922	16.322
5	0.995	0.293	0.538	0.784	1.029	1.274	1.519	1.764	2.010	2.255	2.500	17.513	17.913
5 1/2	1.094	0.298	0.543	0.788	1.034	1.279	1.524	1.769	2.014	2.260	2.505	19.104	19.504
6	1.193	0.303	0.548	0.793	1.038	1.284	1.529	1.774	2.019	2.264	2.510	20.696	21.096
6 1/2	1.293	0.308	0.553	0.798	1.043	1.288	1.534	1.779	2.024	2.269	2.514	22.287	22.687
7	1.392	0.312	0.558	0.803	1.048	1.293	1.538	1.784	2.029	2.274	2.519	23.878	24.278
7 1/2	1.492	0.317	0.562	0.808	1.053	1.298	1.543	1.788	2.034	2.279	2.524	25.469	25.869
8	1.591	0.322	0.567	0.812	1.058	1.303	1.548	1.793	2.038	2.284	2.529	27.061	27.461
8 1/2	1.691	0.327	0.572	0.817	1.062	1.308	1.553	1.798	2.043	2.288	2.534	28.652	29.052
9	1.790	0.332	0.577	0.822	1.067	1.312	1.558	1.803	2.048	2.293	2.538	30.243	30.643
9 1/2	1.890	0.336	0.582	0.827	1.072	1.317	1.562	1.808	2.053	2.298	2.543	31.835	32.235
10	1.989	0.341	0.586	0.832	1.077	1.322	1.567	1.812	2.058	2.303	2.548	33.426	33.826
10 1/2	2.089	0.346	0.591	0.836	1.082	1.327	1.572	1.817	2.062	2.308	2.553	35.017	35.417
11	2.188	0.351	0.596	0.841	1.086	1.332	1.577	1.822	2.067	2.312	2.558	36.609	37.009
11 1/2	2.287	0.356	0.601	0.846	1.091	1.336	1.582	1.827	2.072	2.317	2.562	38.200	38.600
12	2.387	0.360	0.606	0.851	1.096	1.341	1.586	1.832	2.077	2.322	2.567	39.791	40.191
12 1/2	2.486	0.365	0.610	0.856	1.101	1.346	1.591	1.836	2.082	2.327	2.572	41.382	41.782
13	2.586	0.370	0.615	0.860	1.106	1.351	1.596	1.841	2.086	2.332	2.577	42.974	43.374
13 1/2	2.685	0.375	0.620	0.865	1.110	1.356	1.601	1.846	2.091	2.336	2.582	44.565	44.965
14	2.785	0.380	0.625	0.870	1.115	1.360	1.606	1.851	2.096	2.341	2.586	46.156	46.556
14 1/2	2.884	0.385	0.630	0.875	1.120	1.365	1.610	1.856	2.101	2.346	2.591	47.748	48.148
15	2.984	0.389	0.635	0.880	1.125	1.370	1.615	1.860	2.106	2.351	2.596	49.339	49.739
15 1/2	3.083	0.394	0.639	0.885	1.130	1.375	1.620	1.865	2.110	2.356	2.601	50.930	51.330
16	3.183	0.399	0.644	0.889	1.135	1.380	1.625	1.870	2.115	2.360	2.606	52.522	52.922
16 1/2	3.282	0.404	0.649	0.894	1.139	1.385	1.630	1.875	2.120	2.365	2.610	54.113	54.513
17	3.382	0.409	0.654	0.899	1.144	1.389	1.635	1.880	2.125	2.370	2.615	55.704	56.104
17 1/2	3.481	0.413	0.659	0.904	1.149	1.394	1.639	1.885	2.130	2.375	2.620	57.295	57.695
18	3.580	0.418	0.663	0.909	1.154	1.399	1.644	1.889	2.135	2.380	2.625	58.887	59.287
18 1/2	3.680	0.423	0.668	0.913	1.159	1.404	1.649	1.894	2.139	2.385	2.630	60.478	60.878
19	3.779	0.428	0.673	0.918	1.163	1.409	1.654	1.899	2.144	2.389	2.635	62.069	62.469
19 1/2	3.879	0.433	0.678	0.923	1.168	1.413	1.659	1.904	2.149	2.394	2.639	63.661	64.061
20	3.978	0.437	0.683	0.928	1.173	1.418	1.663	1.909	2.154	2.399	2.644	65.252	65.652
20 1/2	4.078	0.442	0.687	0.933	1.178	1.423	1.668	1.913	2.159	2.404	2.649	66.843	67.243
21	4.177	0.447	0.692	0.937	1.183	1.428	1.673	1.918	2.163	2.409	2.654	68.435	68.835
21 1/2	4.277	0.452	0.697	0.942	1.187	1.433	1.678	1.923	2.168	2.413	2.659	70.026	70.426
22	4.376	0.457	0.702	0.947	1.192	1.437	1.683	1.928	2.173	2.418	2.663	71.617	72.017
22 1/2	4.476	0.461	0.707	0.952	1.197	1.442	1.687	1.933	2.178	2.423	2.668	73.208	73.608
23	4.575	0.466	0.711	0.957	1.202	1.447	1.692	1.937	2.183	2.428	2.673	74.800	75.200
23 1/2	4.674	0.471	0.716	0.961	1.207	1.452	1.697	1.942	2.187	2.433	2.678	76.391	76.791
24	4.774	0.476	0.721	0.966	1.211	1.457	1.702	1.947	2.192	2.437	2.683	77.982	78.382
24 1/2	4.873	0.481	0.726	0.971	1.216	1.461	1.707	1.952	2.197	2.442	2.687	79.574	79.974
25	4.973	0.485	0.731	0.976	1.221	1.466	1.711	1.957	2.202	2.447	2.692	81.165	81.565

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