

SIDES = 36		ANGLE = 5										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	0.087	0.251	0.500	-	-	-	-	-	-	-	-	6.750	7.650
1 1/2	0.131	0.252	0.501	0.750	-	-	-	-	-	-	-	8.324	9.224
2	0.175	0.253	0.502	0.751	1.000	-	-	-	-	-	-	9.899	10.799
2 1/2	0.219	0.254	0.503	0.752	1.001	1.250	-	-	-	-	-	11.474	12.374
3	0.262	0.255	0.504	0.753	1.002	1.251	1.500	-	-	-	-	13.049	13.949
3 1/2	0.306	0.256	0.505	0.754	1.003	1.252	1.501	1.750	-	-	-	14.624	15.524
4	0.350	0.257	0.506	0.755	1.004	1.253	1.502	1.751	2.000	-	-	16.198	17.098
4 1/2	0.394	0.258	0.507	0.756	1.005	1.254	1.503	1.752	2.001	2.250	-	17.773	18.673
5	0.437	0.259	0.508	0.757	1.006	1.255	1.504	1.753	2.002	2.251	2.500	19.348	20.248
5 1/2	0.481	0.260	0.509	0.758	1.007	1.256	1.505	1.754	2.003	2.252	2.501	20.923	21.823
6	0.525	0.260	0.510	0.759	1.008	1.257	1.506	1.755	2.004	2.253	2.502	22.498	23.398
6 1/2	0.569	0.261	0.510	0.760	1.009	1.258	1.507	1.756	2.005	2.254	2.503	24.072	24.972
7	0.612	0.262	0.511	0.760	1.010	1.259	1.508	1.757	2.006	2.255	2.504	25.647	26.547
7 1/2	0.656	0.263	0.512	0.761	1.010	1.260	1.509	1.758	2.007	2.256	2.505	27.222	28.122
8	0.700	0.264	0.513	0.762	1.011	1.260	1.510	1.759	2.008	2.257	2.506	28.797	29.697
8 1/2	0.744	0.265	0.514	0.763	1.012	1.261	1.510	1.760	2.009	2.258	2.507	30.372	31.272
9	0.787	0.266	0.515	0.764	1.013	1.262	1.511	1.760	2.010	2.259	2.508	31.946	32.846
9 1/2	0.831	0.267	0.516	0.765	1.014	1.263	1.512	1.761	2.010	2.260	2.509	33.521	34.421
10	0.875	0.268	0.517	0.766	1.015	1.264	1.513	1.762	2.011	2.260	2.510	35.096	35.996
10 1/2	0.919	0.269	0.518	0.767	1.016	1.265	1.514	1.763	2.012	2.261	2.510	36.671	37.571
11	0.962	0.270	0.519	0.768	1.017	1.266	1.515	1.764	2.013	2.262	2.511	38.246	39.146
11 1/2	1.006	0.271	0.520	0.769	1.018	1.267	1.516	1.765	2.014	2.263	2.512	39.820	40.720
12	1.050	0.272	0.521	0.770	1.019	1.268	1.517	1.766	2.015	2.264	2.513	41.395	42.295
12 1/2	1.094	0.273	0.522	0.771	1.020	1.269	1.518	1.767	2.016	2.265	2.514	42.970	43.870
13	1.137	0.274	0.523	0.772	1.021	1.270	1.519	1.768	2.017	2.266	2.515	44.545	45.445
13 1/2	1.181	0.275	0.524	0.773	1.022	1.271	1.520	1.769	2.018	2.267	2.516	46.119	47.019
14	1.225	0.276	0.525	0.774	1.023	1.272	1.521	1.770	2.019	2.268	2.517	47.694	48.594
14 1/2	1.269	0.277	0.526	0.775	1.024	1.273	1.522	1.771	2.020	2.269	2.518	49.269	50.169
15	1.312	0.278	0.527	0.776	1.025	1.274	1.523	1.772	2.021	2.270	2.519	50.844	51.744
15 1/2	1.356	0.279	0.528	0.777	1.026	1.275	1.524	1.773	2.022	2.271	2.520	52.419	53.319
16	1.400	0.279	0.529	0.778	1.027	1.276	1.525	1.774	2.023	2.272	2.521	53.993	54.893
16 1/2	1.444	0.280	0.529	0.779	1.028	1.277	1.526	1.775	2.024	2.273	2.522	55.568	56.468
17	1.487	0.281	0.530	0.779	1.029	1.278	1.527	1.776	2.025	2.274	2.523	57.143	58.043
17 1/2	1.531	0.282	0.531	0.780	1.029	1.279	1.528	1.777	2.026	2.275	2.524	58.718	59.618
18	1.575	0.283	0.532	0.781	1.030	1.279	1.529	1.778	2.027	2.276	2.525	60.293	61.193
18 1/2	1.619	0.284	0.533	0.782	1.031	1.280	1.529	1.779	2.028	2.277	2.526	61.867	62.767
19	1.662	0.285	0.534	0.783	1.032	1.281	1.530	1.779	2.029	2.278	2.527	63.442	64.342
19 1/2	1.706	0.286	0.535	0.784	1.033	1.282	1.531	1.780	2.029	2.279	2.528	65.017	65.917
20	1.750	0.287	0.536	0.785	1.034	1.283	1.532	1.781	2.030	2.279	2.529	66.592	67.492
20 1/2	1.794	0.288	0.537	0.786	1.035	1.284	1.533	1.782	2.031	2.280	2.529	68.167	69.067
21	1.837	0.289	0.538	0.787	1.036	1.285	1.534	1.783	2.032	2.281	2.530	69.741	70.641
21 1/2	1.881	0.290	0.539	0.788	1.037	1.286	1.535	1.784	2.033	2.282	2.531	71.316	72.216
22	1.925	0.291	0.540	0.789	1.038	1.287	1.536	1.785	2.034	2.283	2.532	72.891	73.791
22 1/2	1.968	0.292	0.541	0.790	1.039	1.288	1.537	1.786	2.035	2.284	2.533	74.466	75.366
23	2.012	0.293	0.542	0.791	1.040	1.289	1.538	1.787	2.036	2.285	2.534	76.041	76.941
23 1/2	2.056	0.294	0.543	0.792	1.041	1.290	1.539	1.788	2.037	2.286	2.535	77.615	78.515
24	2.100	0.295	0.544	0.793	1.042	1.291	1.540	1.789	2.038	2.287	2.536	79.190	80.090
24 1/2	2.143	0.296	0.545	0.794	1.043	1.292	1.541	1.790	2.039	2.288	2.537	80.765	81.665
25	2.187	0.297	0.546	0.795	1.044	1.293	1.542	1.791	2.040	2.289	2.538	82.340	83.240

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