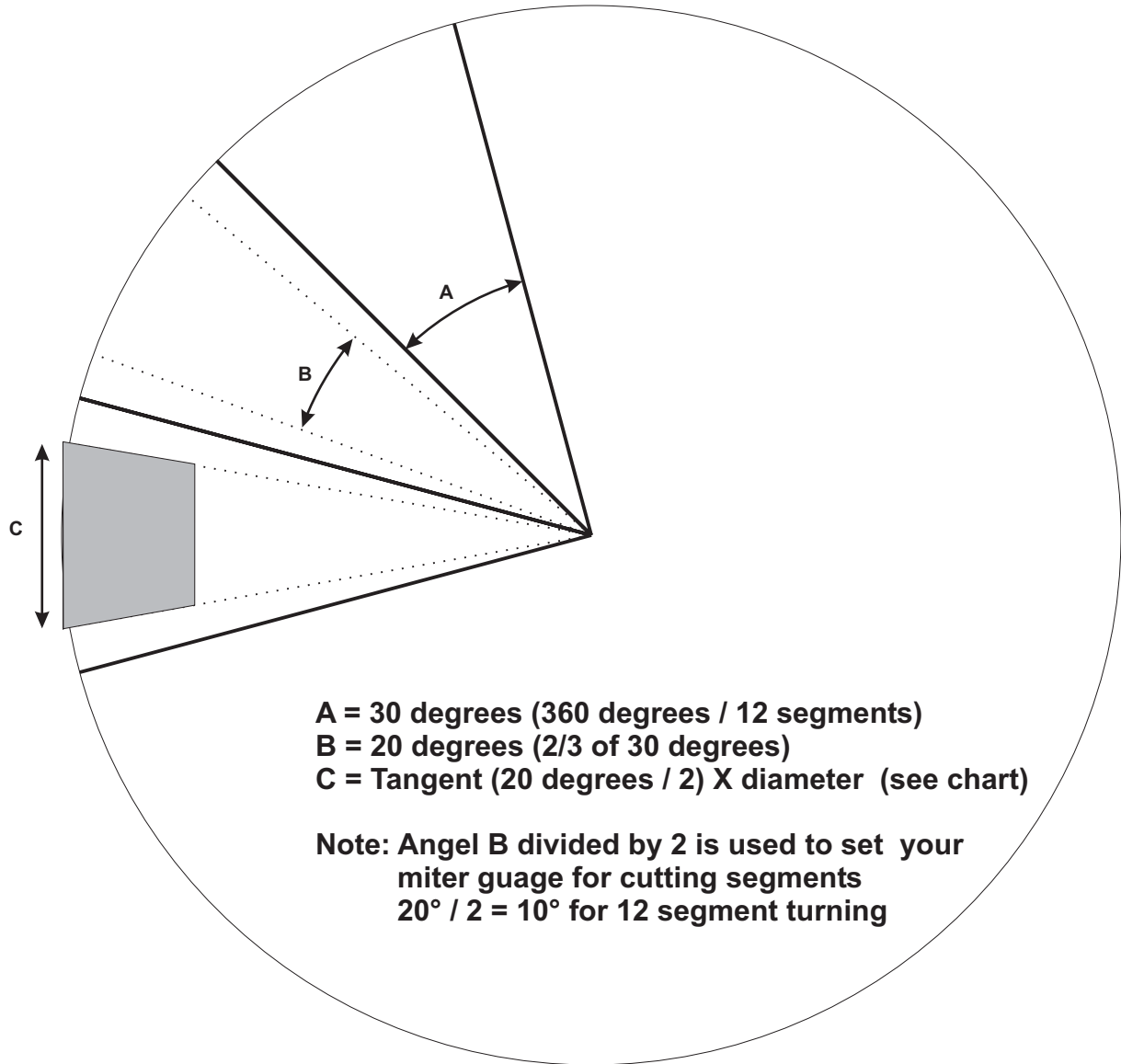


## Segment Geometry - 12 Segments



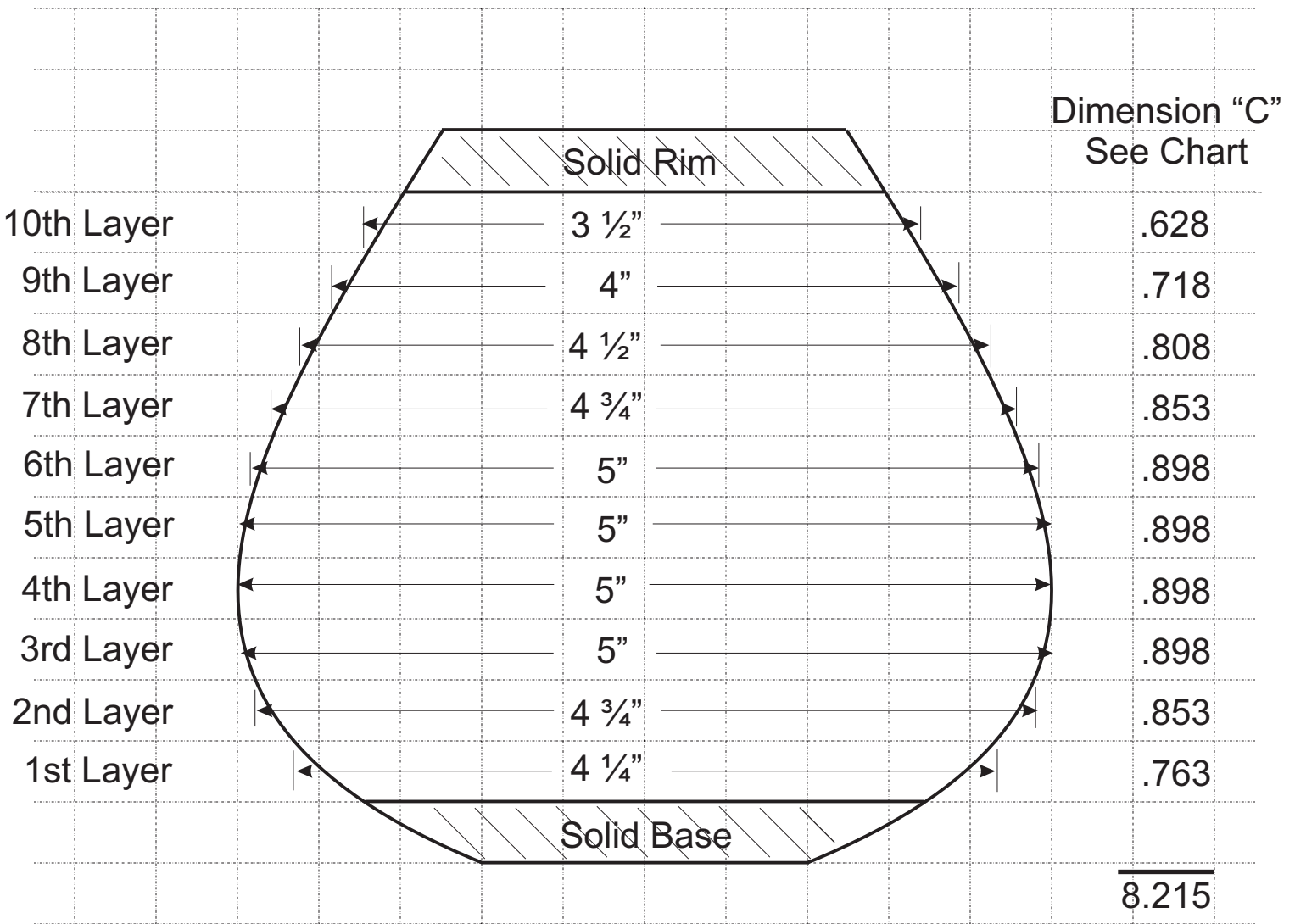


Diagram 6

SIDE LENGTH VS DIAMETER - OPEN SEGMENTS - GAP RATIO 1:3									
0.6667	Overlap								
		<b>Number Of Sides / Degrees for Cut</b>							
Segments→	12	15	16	20	24	25	30	36	
Mitre Guage→	10.00	8.00	7.50	6.00	5.00	4.80	4.00	3.33	
Diameter ↓									
1	0.179	0.142	0.133	0.106	0.088	0.084	0.070	0.058	
1 1/4	0.223	0.177	0.166	0.132	0.110	0.105	0.088	0.073	
1 1/2	0.268	0.213	0.199	0.158	0.132	0.126	0.105	0.087	
1 3/4	0.313	0.248	0.232	0.185	0.154	0.147	0.123	0.102	
2	0.357	0.283	0.265	0.211	0.176	0.168	0.140	0.117	
2 1/4	0.402	0.319	0.298	0.238	0.197	0.190	0.158	0.131	
2 1/2	0.447	0.354	0.332	0.264	0.219	0.211	0.175	0.146	
2 3/4	0.491	0.390	0.365	0.290	0.241	0.232	0.193	0.160	
3	0.536	0.425	0.398	0.317	0.263	0.253	0.210	0.175	
3 1/4	0.581	0.461	0.431	0.343	0.285	0.274	0.228	0.190	
3 1/2	0.625	0.496	0.464	0.370	0.307	0.295	0.245	0.204	
3 3/4	0.670	0.531	0.497	0.396	0.329	0.316	0.263	0.219	
4	0.715	0.567	0.530	0.422	0.351	0.337	0.280	0.233	
4 1/4	0.759	0.602	0.564	0.449	0.373	0.358	0.298	0.248	
4 1/2	0.804	0.638	0.597	0.475	0.395	0.379	0.315	0.262	
4 3/4	0.849	0.673	0.630	0.502	0.417	0.400	0.333	0.277	
5	0.893	0.709	0.663	0.528	0.439	0.421	0.350	0.292	
5 1/4	0.938	0.744	0.696	0.554	0.461	0.442	0.368	0.306	
5 1/2	0.983	0.779	0.729	0.581	0.483	0.463	0.385	0.321	
5 3/4	1.027	0.815	0.763	0.607	0.505	0.484	0.403	0.335	
6	1.072	0.850	0.796	0.634	0.527	0.505	0.420	0.350	
6 1/4	1.117	0.886	0.829	0.660	0.549	0.526	0.438	0.365	
6 1/2	1.161	0.921	0.862	0.686	0.571	0.547	0.455	0.379	
6 3/4	1.206	0.957	0.895	0.713	0.592	0.569	0.473	0.394	
7	1.250	0.992	0.928	0.739	0.614	0.590	0.491	0.408	
7 1/4	1.295	1.027	0.961	0.766	0.636	0.611	0.508	0.423	
7 1/2	1.340	1.063	0.995	0.792	0.658	0.632	0.526	0.437	
7 3/4	1.384	1.098	1.028	0.818	0.680	0.653	0.543	0.452	
8	1.429	1.134	1.061	0.845	0.702	0.674	0.561	0.467	
8 1/4	1.474	1.169	1.094	0.871	0.724	0.695	0.578	0.481	
8 1/2	1.518	1.205	1.127	0.898	0.746	0.716	0.596	0.496	
8 3/4	1.563	1.240	1.160	0.924	0.768	0.737	0.613	0.510	
9	1.608	1.275	1.194	0.950	0.790	0.758	0.631	0.525	
9 1/4	1.652	1.311	1.227	0.977	0.812	0.779	0.648	0.540	