

Segments>	6	8	10	12	15	18	20	24	30	36	48	72
Incl Angle>	45	33.75	27	22.5	18	15	13.5	11.25	9	7.5	5.63	3.75
Cut Angle>	22.5	16.88	13.5	11.25	9	7.5	6.75	5.63	4.5	3.75	2.81	1.88
This chart is for 75% Open Segments (25% Gap) (Example 18 Segments @ 4 Dia = 0.527)												
OD	The Outer Segment Cut Length is at the intersection of Segments and OD.											
1.0	0.414	0.303	0.240	0.199	0.158	0.132	0.118	0.098	0.079	0.066	0.049	0.033
1.5	0.621	0.455	0.360	0.298	0.238	0.197	0.178	0.148	0.118	0.098	0.074	0.049
2.0	0.828	0.607	0.480	0.398	0.317	0.263	0.237	0.197	0.157	0.131	0.098	0.065
2.5	1.036	0.758	0.600	0.497	0.396	0.329	0.296	0.246	0.197	0.164	0.123	0.082
3.0	1.243	0.910	0.720	0.597	0.475	0.395	0.355	0.295	0.236	0.197	0.147	0.098
3.5	1.450	1.062	0.840	0.696	0.554	0.461	0.414	0.345	0.275	0.229	0.172	0.115
4.0	1.657	1.213	0.960	0.796	0.634	0.527	0.473	0.394	0.315	0.262	0.197	0.131
4.5	1.864	1.365	1.080	0.895	0.713	0.592	0.533	0.443	0.354	0.295	0.221	0.147
5.0	2.071	1.517	1.200	0.995	0.792	0.658	0.592	0.492	0.394	0.328	0.246	0.164
5.5	2.278	1.668	1.320	1.094	0.871	0.724	0.651	0.542	0.433	0.360	0.270	0.180
6.0	2.485	1.820	1.440	1.193	0.950	0.790	0.710	0.591	0.472	0.393	0.295	0.196
6.5	2.692	1.972	1.561	1.293	1.029	0.856	0.769	0.640	0.512	0.426	0.319	0.213
7.0	2.899	2.123	1.681	1.392	1.109	0.922	0.829	0.689	0.551	0.459	0.344	0.229
7.5	3.107	2.275	1.801	1.492	1.188	0.987	0.888	0.739	0.590	0.492	0.368	0.246
8.0	3.314	2.427	1.921	1.591	1.267	1.053	0.947	0.788	0.630	0.524	0.393	0.262
8.5	3.521	2.578	2.041	1.691	1.346	1.119	1.006	0.837	0.669	0.557	0.418	0.278
9.0	3.728	2.730	2.161	1.790	1.425	1.185	1.065	0.886	0.708	0.590	0.442	0.295
9.5	3.935	2.882	2.281	1.890	1.505	1.251	1.124	0.936	0.748	0.623	0.467	0.311
10.0	4.142	3.033	2.401	1.989	1.584	1.317	1.184	0.985	0.787	0.655	0.491	0.327
10.5	4.349	3.185	2.521	2.089	1.663	1.382	1.243	1.034	0.826	0.688	0.516	0.344
11.0	4.556	3.337	2.641	2.188	1.742	1.448	1.302	1.083	0.866	0.721	0.540	0.360
11.5	4.763	3.488	2.761	2.287	1.821	1.514	1.361	1.133	0.905	0.754	0.565	0.376
12.0	4.971	3.640	2.881	2.387	1.901	1.580	1.420	1.182	0.944	0.787	0.590	0.393
12.5	5.178	3.792	3.001	2.486	1.980	1.646	1.479	1.231	0.984	0.819	0.614	0.409
13.0	5.385	3.944	3.121	2.586	2.059	1.711	1.539	1.280	1.023	0.852	0.639	0.426
13.5	5.592	4.095	3.241	2.685	2.138	1.777	1.598	1.330	1.062	0.885	0.663	0.442
14.0	5.799	4.247	3.361	2.785	2.217	1.843	1.657	1.379	1.102	0.918	0.688	0.458
14.5	6.006	4.399	3.481	2.884	2.297	1.909	1.716	1.428	1.141	0.950	0.712	0.475
15.0	6.213	4.550	3.601	2.984	2.376	1.975	1.775	1.477	1.181	0.983	0.737	0.491
15.5	6.420	4.702	3.721	3.083	2.455	2.041	1.835	1.527	1.220	1.016	0.761	0.507
16.0	6.627	4.854	3.841	3.183	2.534	2.106	1.894	1.576	1.259	1.049	0.786	0.524
16.5	6.835	5.005	3.961	3.282	2.613	2.172	1.953	1.625	1.299	1.081	0.811	0.540
17.0	7.042	5.157	4.081	3.382	2.693	2.238	2.012	1.674	1.338	1.114	0.835	0.557
17.5	7.249	5.309	4.201	3.481	2.772	2.304	2.071	1.724	1.377	1.147	0.860	0.573
18.0	7.456	5.460	4.321	3.580	2.851	2.370	2.130	1.773	1.417	1.180	0.884	0.589
18.5	7.663	5.612	4.441	3.680	2.930	2.436	2.190	1.822	1.456	1.213	0.909	0.606
19.0	7.870	5.764	4.561	3.779	3.009	2.501	2.249	1.871	1.495	1.245	0.933	0.622
19.5	8.077	5.915	4.682	3.879	3.088	2.567	2.308	1.921	1.535	1.278	0.958	0.638
20.0	8.284	6.067	4.802	3.978	3.168	2.633	2.367	1.970	1.574	1.311	0.983	0.655