

Segments>	6	8	10	12	15	18	20	24	30	36	48	72
Incl Angle>	39	29.25	23.4	19.5	15.6	13	11.7	9.75	7.8	6.5	4.88	3.25
Cut Angle>	19.5	14.63	11.7	9.75	7.8	6.5	5.85	4.88	3.9	3.25	2.44	1.63
This chart is for 65% Open Segments (35% Gap) (Example 18 Segments @ 4 Dia = 0.456)												
OD	The Outer Segment Cut Length is at the intersection of Segments and OD.											
1.0	0.354	0.261	0.207	0.172	0.137	0.114	0.102	0.085	0.068	0.057	0.043	0.028
1.5	0.531	0.391	0.311	0.258	0.205	0.171	0.154	0.128	0.102	0.085	0.064	0.043
2.0	0.708	0.522	0.414	0.344	0.274	0.228	0.205	0.171	0.136	0.114	0.085	0.057
2.5	0.885	0.652	0.518	0.430	0.342	0.285	0.256	0.213	0.170	0.142	0.106	0.071
3.0	1.062	0.783	0.621	0.515	0.411	0.342	0.307	0.256	0.205	0.170	0.128	0.085
3.5	1.239	0.913	0.725	0.601	0.479	0.399	0.359	0.299	0.239	0.199	0.149	0.099
4.0	1.416	1.044	0.828	0.687	0.548	0.456	0.410	0.341	0.273	0.227	0.170	0.113
4.5	1.594	1.174	0.932	0.773	0.616	0.513	0.461	0.384	0.307	0.256	0.192	0.128
5.0	1.771	1.305	1.035	0.859	0.685	0.570	0.512	0.426	0.341	0.284	0.213	0.142
5.5	1.948	1.435	1.139	0.945	0.753	0.627	0.564	0.469	0.375	0.312	0.234	0.156
6.0	2.125	1.566	1.243	1.031	0.822	0.684	0.615	0.512	0.409	0.341	0.255	0.170
6.5	2.302	1.696	1.346	1.117	0.890	0.741	0.666	0.554	0.443	0.369	0.277	0.184
7.0	2.479	1.827	1.450	1.203	0.959	0.798	0.717	0.597	0.477	0.397	0.298	0.199
7.5	2.656	1.957	1.553	1.289	1.027	0.855	0.768	0.640	0.511	0.426	0.319	0.213
8.0	2.833	2.088	1.657	1.375	1.096	0.911	0.820	0.682	0.545	0.454	0.341	0.227
8.5	3.010	2.218	1.760	1.461	1.164	0.968	0.871	0.725	0.579	0.483	0.362	0.241
9.0	3.187	2.349	1.864	1.546	1.233	1.025	0.922	0.768	0.614	0.511	0.383	0.255
9.5	3.364	2.479	1.967	1.632	1.301	1.082	0.973	0.810	0.648	0.539	0.404	0.270
10.0	3.541	2.609	2.071	1.718	1.370	1.139	1.025	0.853	0.682	0.568	0.426	0.284
10.5	3.718	2.740	2.174	1.804	1.438	1.196	1.076	0.896	0.716	0.596	0.447	0.298
11.0	3.895	2.870	2.278	1.890	1.507	1.253	1.127	0.938	0.750	0.625	0.468	0.312
11.5	4.072	3.001	2.382	1.976	1.575	1.310	1.178	0.981	0.784	0.653	0.490	0.326
12.0	4.249	3.131	2.485	2.062	1.644	1.367	1.229	1.023	0.818	0.681	0.511	0.340
12.5	4.426	3.262	2.589	2.148	1.712	1.424	1.281	1.066	0.852	0.710	0.532	0.355
13.0	4.604	3.392	2.692	2.234	1.781	1.481	1.332	1.109	0.886	0.738	0.553	0.369
13.5	4.781	3.523	2.796	2.320	1.849	1.538	1.383	1.151	0.920	0.767	0.575	0.383
14.0	4.958	3.653	2.899	2.406	1.918	1.595	1.434	1.194	0.954	0.795	0.596	0.397
14.5	5.135	3.784	3.003	2.492	1.986	1.652	1.486	1.237	0.989	0.823	0.617	0.411
15.0	5.312	3.914	3.106	2.577	2.055	1.709	1.537	1.279	1.023	0.852	0.639	0.426
15.5	5.489	4.045	3.210	2.663	2.123	1.766	1.588	1.322	1.057	0.880	0.660	0.440
16.0	5.666	4.175	3.313	2.749	2.192	1.823	1.639	1.365	1.091	0.909	0.681	0.454
16.5	5.843	4.306	3.417	2.835	2.260	1.880	1.691	1.407	1.125	0.937	0.702	0.468
17.0	6.020	4.436	3.521	2.921	2.329	1.937	1.742	1.450	1.159	0.965	0.724	0.482
17.5	6.197	4.567	3.624	3.007	2.397	1.994	1.793	1.493	1.193	0.994	0.745	0.496
18.0	6.374	4.697	3.728	3.093	2.466	2.051	1.844	1.535	1.227	1.022	0.766	0.511
18.5	6.551	4.828	3.831	3.179	2.534	2.108	1.895	1.578	1.261	1.051	0.788	0.525
19.0	6.728	4.958	3.935	3.265	2.603	2.165	1.947	1.621	1.295	1.079	0.809	0.539
19.5	6.905	5.088	4.038	3.351	2.671	2.222	1.998	1.663	1.329	1.107	0.830	0.553
20.0	7.082	5.219	4.142	3.437	2.740	2.279	2.049	1.706	1.363	1.136	0.851	0.567