

Segments>	6	8	10	12	15	18	20	24	30	36	48	72
Incl Angle>	42	31.5	25.2	21	16.8	14	12.6	10.5	8.4	7	5.25	3.5
Cut Angle>	21	15.75	12.6	10.5	8.4	7	6.3	5.25	4.2	3.5	2.63	1.75
<b>This chart is for 70% Open Segments (30% Gap) (Example 18 Segments @ 4 Dia = 0.491)</b>												
OD	The Outer Segment Cut Length is at the intersection of Segments and OD.											
1.0	0.384	0.282	0.224	0.185	0.148	0.123	0.110	0.092	0.073	0.061	0.046	0.031
1.5	0.576	0.423	0.335	0.278	0.222	0.184	0.166	0.138	0.110	0.092	0.069	0.046
2.0	0.768	0.564	0.447	0.371	0.295	0.246	0.221	0.184	0.147	0.122	0.092	0.061
2.5	0.960	0.705	0.559	0.463	0.369	0.307	0.276	0.230	0.184	0.153	0.115	0.076
3.0	1.152	0.846	0.671	0.556	0.443	0.368	0.331	0.276	0.220	0.183	0.138	0.092
3.5	1.344	0.987	0.782	0.649	0.517	0.430	0.386	0.322	0.257	0.214	0.160	0.107
4.0	1.535	1.128	0.894	0.741	0.591	0.491	0.442	0.368	0.294	0.245	0.183	0.122
4.5	1.727	1.269	1.006	0.834	0.665	0.553	0.497	0.413	0.330	0.275	0.206	0.137
5.0	1.919	1.410	1.118	0.927	0.738	0.614	0.552	0.459	0.367	0.306	0.229	0.153
5.5	2.111	1.551	1.229	1.019	0.812	0.675	0.607	0.505	0.404	0.336	0.252	0.168
6.0	2.303	1.692	1.341	1.112	0.886	0.737	0.662	0.551	0.441	0.367	0.275	0.183
6.5	2.495	1.833	1.453	1.205	0.960	0.798	0.718	0.597	0.477	0.398	0.298	0.199
7.0	2.687	1.974	1.565	1.297	1.034	0.859	0.773	0.643	0.514	0.428	0.321	0.214
7.5	2.879	2.115	1.676	1.390	1.108	0.921	0.828	0.689	0.551	0.459	0.344	0.229
8.0	3.071	2.256	1.788	1.483	1.181	0.982	0.883	0.735	0.587	0.489	0.367	0.244
8.5	3.263	2.397	1.900	1.575	1.255	1.044	0.938	0.781	0.624	0.520	0.390	0.260
9.0	3.455	2.538	2.012	1.668	1.329	1.105	0.994	0.827	0.661	0.550	0.413	0.275
9.5	3.647	2.679	2.124	1.761	1.403	1.166	1.049	0.873	0.698	0.581	0.436	0.290
10.0	3.839	2.820	2.235	1.853	1.477	1.228	1.104	0.919	0.734	0.612	0.458	0.306
10.5	4.031	2.961	2.347	1.946	1.551	1.289	1.159	0.965	0.771	0.642	0.481	0.321
11.0	4.223	3.102	2.459	2.039	1.624	1.351	1.214	1.011	0.808	0.673	0.504	0.336
11.5	4.414	3.243	2.571	2.131	1.698	1.412	1.270	1.057	0.845	0.703	0.527	0.351
12.0	4.606	3.384	2.682	2.224	1.772	1.473	1.325	1.103	0.881	0.734	0.550	0.367
12.5	4.798	3.525	2.794	2.317	1.846	1.535	1.380	1.149	0.918	0.765	0.573	0.382
13.0	4.990	3.666	2.906	2.409	1.920	1.596	1.435	1.195	0.955	0.795	0.596	0.397
13.5	5.182	3.807	3.018	2.502	1.994	1.658	1.490	1.240	0.991	0.826	0.619	0.412
14.0	5.374	3.948	3.129	2.595	2.067	1.719	1.546	1.286	1.028	0.856	0.642	0.428
14.5	5.566	4.089	3.241	2.687	2.141	1.780	1.601	1.332	1.065	0.887	0.665	0.443
15.0	5.758	4.230	3.353	2.780	2.215	1.842	1.656	1.378	1.102	0.917	0.688	0.458
15.5	5.950	4.371	3.465	2.873	2.289	1.903	1.711	1.424	1.138	0.948	0.711	0.474
16.0	6.142	4.512	3.576	2.965	2.363	1.965	1.766	1.470	1.175	0.979	0.734	0.489
16.5	6.334	4.653	3.688	3.058	2.437	2.026	1.822	1.516	1.212	1.009	0.756	0.504
17.0	6.526	4.794	3.800	3.151	2.510	2.087	1.877	1.562	1.248	1.040	0.779	0.519
17.5	6.718	4.936	3.912	3.243	2.584	2.149	1.932	1.608	1.285	1.070	0.802	0.535
18.0	6.910	5.077	4.023	3.336	2.658	2.210	1.987	1.654	1.322	1.101	0.825	0.550
18.5	7.101	5.218	4.135	3.429	2.732	2.272	2.042	1.700	1.359	1.132	0.848	0.565
19.0	7.293	5.359	4.247	3.521	2.806	2.333	2.098	1.746	1.395	1.162	0.871	0.581
19.5	7.485	5.500	4.359	3.614	2.880	2.394	2.153	1.792	1.432	1.193	0.894	0.596
20.0	7.677	5.641	4.471	3.707	2.953	2.456	2.208	1.838	1.469	1.223	0.917	0.611