

**Ring Diameter - Segment Width Chart**

Number of Sides or Segments	Segment Angle	Miter Angle	**Y"- Inches	Ring Diameter																				Incremental diameter in 1/8"										
				3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	1	2	3	4	5	6	7	8
				Segment Width																														
4	90.00	45.000	20.000	3.000	4.000	5.000	6.000	7.000	8.000	9.000	10.000	11.000	12.000	13.000	14.000	15.000	16.000	17.000	18.000	19.000	20.000	21.000	22.000	23.000	24.000	25.000	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000
5	72.00	36.000	14.531	2.180	2.906	3.633	4.359	5.086	5.812	6.539	7.265	7.992	8.719	9.445	10.172	10.898	11.625	12.351	13.078	13.804	14.531	15.257	15.984	16.710	17.437	18.164	0.091	0.182	0.272	0.363	0.454	0.545	0.636	0.727
6	60.00	30.000	11.547	1.732	2.309	2.887	3.464	4.041	4.619	5.196	5.774	6.351	6.928	7.506	8.083	8.660	9.238	9.815	10.392	10.970	11.547	12.124	12.702	13.279	13.856	14.434	0.072	0.144	0.217	0.289	0.361	0.433	0.505	0.577
7	51.43	25.714	9.631	1.445	1.926	2.408	2.889	3.371	3.853	4.334	4.816	5.297	5.779	6.260	6.742	7.224	7.705	8.187	8.668	9.150	9.631	10.113	10.595	11.076	11.558	12.039	0.060	0.120	0.181	0.241	0.301	0.361	0.421	0.482
8	45.00	22.500	8.284	1.243	1.657	2.071	2.485	2.899	3.314	3.728	4.142	4.556	4.971	5.385	5.799	6.213	6.627	7.042	7.456	7.870	8.284	8.698	9.113	9.527	9.941	10.355	0.052	0.104	0.155	0.207	0.259	0.311	0.362	0.414
9	40.00	20.000	7.279	1.092	1.456	1.820	2.184	2.548	2.912	3.276	3.640	4.004	4.368	4.732	5.096	5.460	5.824	6.187	6.551	6.915	7.279	7.643	8.007	8.371	8.735	9.099	0.045	0.091	0.136	0.182	0.227	0.273	0.318	0.364
10	36.00	18.000	6.498	0.975	1.300	1.625	1.950	2.274	2.599	2.924	3.249	3.574	3.899	4.224	4.549	4.874	5.199	5.524	5.849	6.174	6.498	6.823	7.148	7.473	7.798	8.123	0.041	0.081	0.122	0.162	0.203	0.244	0.284	0.325
11	32.73	16.364	5.873	0.881	1.175	1.468	1.762	2.055	2.349	2.643	2.936	3.230	3.524	3.817	4.111	4.404	4.698	4.992	5.285	5.579	5.873	6.166	6.460	6.753	7.047	7.341	0.037	0.073	0.110	0.147	0.184	0.220	0.257	0.294
12	30.00	15.000	5.359	0.804	1.072	1.340	1.608	1.876	2.144	2.412	2.679	2.947	3.215	3.483	3.751	4.019	4.287	4.555	4.823	5.091	5.359	5.627	5.895	6.163	6.431	6.699	0.033	0.067	0.100	0.134	0.167	0.201	0.234	0.268
13	27.69	13.846	4.930	0.739	0.986	1.232	1.479	1.725	1.972	2.218	2.465	2.711	2.958	3.204	3.451	3.697	3.944	4.190	4.437	4.683	4.930	5.176	5.423	5.669	5.915	6.162	0.031	0.062	0.092	0.123	0.154	0.185	0.216	0.246
14	25.71	12.857	4.565	0.685	0.913	1.141	1.369	1.598	1.826	2.054	2.282	2.511	2.739	2.967	3.195	3.424	3.652	3.880	4.108	4.337	4.565	4.793	5.021	5.250	5.478	5.706	0.029	0.057	0.086	0.114	0.143	0.171	0.200	0.228
15	24.00	12.000	4.251	0.638	0.850	1.063	1.275	1.488	1.700	1.913	2.126	2.338	2.551	2.763	2.976	3.188	3.401	3.613	3.826	4.039	4.251	4.464	4.676	4.889	5.101	5.314	0.027	0.053	0.080	0.106	0.133	0.159	0.186	0.213
16	22.50	11.250	3.978	0.597	0.796	0.995	1.193	1.392	1.591	1.790	1.989	2.188	2.387	2.586	2.785	2.984	3.183	3.382	3.580	3.779	3.978	4.177	4.376	4.575	4.774	4.973	0.025	0.050	0.075	0.099	0.124	0.149	0.174	0.199
17	21.18	10.588	3.739	0.561	0.748	0.935	1.122	1.309	1.495	1.682	1.869	2.056	2.243	2.430	2.617	2.804	2.991	3.178	3.365	3.552	3.739	3.926	4.113	4.299	4.486	4.673	0.023	0.047	0.070	0.093	0.117	0.140	0.164	0.187
18	20.00	10.000	3.527	0.529	0.705	0.882	1.058	1.234	1.411	1.587	1.763	1.940	2.116	2.292	2.469	2.645	2.821	2.998	3.174	3.350	3.527	3.703	3.879	4.056	4.232	4.408	0.022	0.044	0.066	0.088	0.110	0.132	0.154	0.176
19	18.95	9.474	3.337	0.501	0.667	0.834	1.001	1.168	1.335	1.502	1.669	1.836	2.002	2.169	2.336	2.503	2.670	2.837	3.004	3.171	3.337	3.504	3.671	3.838	4.005	4.172	0.021	0.042	0.063	0.083	0.104	0.125	0.146	0.167
20	18.00	9.000	3.168	0.475	0.634	0.792	0.950	1.109	1.267	1.425	1.584	1.742	1.901	2.059	2.217	2.376	2.534	2.693	2.851	3.009	3.168	3.326	3.484	3.643	3.801	3.960	0.020	0.040	0.059	0.079	0.099	0.119	0.139	0.158
21	17.14	8.571	3.015	0.452	0.603	0.754	0.904	1.055	1.206	1.357	1.507	1.658	1.809	1.959	2.110	2.261	2.412	2.562	2.713	2.864	3.015	3.165	3.316	3.467	3.617	3.768	0.019	0.038	0.057	0.075	0.094	0.113	0.132	0.151
22	16.36	8.182	2.876	0.431	0.575	0.719	0.863	1.006	1.150	1.294	1.438	1.582	1.725	1.869	2.013	2.157	2.300	2.444	2.588	2.732	2.876	3.019	3.163	3.307	3.451	3.594	0.018	0.036	0.054	0.072	0.090	0.108	0.126	0.144
23	15.65	7.826	2.749	0.412	0.550	0.687	0.825	0.962	1.100	1.237	1.374	1.512	1.649	1.787	1.924	2.062	2.199	2.337	2.474	2.611	2.749	2.886	3.024	3.161	3.299	3.436	0.017	0.034	0.052	0.069	0.086	0.103	0.120	0.137
24	15.00	7.500	2.633	0.395	0.527	0.658	0.790	0.922	1.053	1.185	1.317	1.448	1.580	1.711	1.843	1.975	2.106	2.238	2.370	2.501	2.633	2.765	2.896	3.028	3.160	3.291	0.016	0.033	0.049	0.066	0.082	0.099	0.115	0.132
25	14.40	7.200	2.527	0.379	0.505	0.632	0.758	0.884	1.011	1.137	1.263	1.390	1.516	1.642	1.769	1.895	2.021	2.148	2.274	2.400	2.527	2.653	2.779	2.906	3.032	3.158	0.016	0.032	0.047	0.063	0.079	0.095	0.111	0.126
26	13.85	6.923	2.428	0.364	0.486	0.607	0.729	0.850	0.971	1.093	1.214	1.336	1.457	1.578	1.700	1.821	1.943	2.064	2.186	2.307	2.428	2.550	2.671	2.793	2.914	3.036	0.015	0.030	0.046	0.061	0.076	0.091	0.106	0.121
27	13.33	6.667	2.338	0.351	0.468	0.584	0.701	0.818	0.935	1.052	1.169	1.286	1.403	1.519	1.636	1.753	1.870	1.987	2.104	2.221	2.338	2.455	2.571	2.688	2.805	2.922	0.015	0.029	0.044	0.058	0.073	0.088	0.102	0.117
28	12.86	6.429	2.253	0.338	0.451	0.563	0.676	0.789	0.901	1.014	1.127	1.239	1.352	1.465	1.577	1.690	1.803	1.915	2.028	2.141	2.253	2.366	2.479	2.591	2.704	2.817	0.014	0.028	0.042	0.056	0.070	0.085	0.099	0.113
29	12.41	6.207	2.175	0.326	0.435	0.544	0.653	0.761	0.870	0.979	1.088	1.196	1.305	1.414	1.523	1.631	1.740	1.849	1.958	2.066	2.175	2.284	2.393	2.501	2.610	2.719	0.014	0.027	0.041	0.054	0.068	0.082	0.095	0.109
30	12.00	6.000	2.102	0.315	0.420	0.526	0.631	0.736	0.841	0.946	1.051	1.156	1.261	1.366	1.471	1.577	1.682	1.787	1.892	1.997	2.102	2.207	2.312	2.417	2.523	2.628	0.013	0.026	0.039	0.053	0.066	0.079	0.092	0.105
31	11.61	5.806	2.034	0.305	0.407	0.508	0.610	0.712	0.814	0.915	1.017	1.119	1.220	1.322	1.424	1.525	1.627	1.729	1.830	1.932	2.034	2.135	2.237	2.339	2.441	2.542	0.013	0.025	0.038	0.051	0.064	0.076	0.089	0.102
32	11.25	5.625	1.970	0.295	0.394	0.492	0.591	0.689	0.788	0.886	0.985	1.083	1.182	1.280	1.379	1.477	1.576	1.674	1.773	1.871	1.970	2.068	2.167	2.265	2.364	2.462	0.012	0.025	0.037	0.049	0.062	0.074	0.086	0.098
33	10.91	5.455	1.910	0.286	0.382	0.477	0.573	0.668	0.764	0.859	0.955	1.050	1.146	1.241	1.337	1.432	1.528	1.623	1.719	1.814	1.910	2.005	2.101	2.196	2.292	2.387	0.012	0.024	0.036	0.048	0.060	0.072	0.084	0.095
34	10.59	5.294	1.853	0.278	0.371	0.463	0.556	0.649	0.741	0.834	0.927	1.019	1.112	1.205	1.297	1.390	1.483	1.575	1.668	1.761	1.853	1.946	2.039	2.131	2.224	2.317	0.012	0.023	0.035	0.046	0.058	0.069	0.081	0.093
35	10.29	5.143	1.800	0.270	0.360	0.450	0.540	0.630	0.720	0.810	0.900	0.990	1.080	1.170	1.260	1.350	1.440	1.530	1.620	1.710	1.800	1.890	1.980	2.070	2.160	2.250	0.011	0.023	0.034	0.045	0.056	0.068	0.079	0.090
36	10.00	5.000	1.750	0.262	0.350	0.437	0.525	0.612	0.700	0.787	0.875	0.962	1.050	1.137	1.225	1.312	1.400	1.487	1.575	1.662	1.750	1.837	1.925	2.012	2.100	2.187	0.011	0.022	0.033	0.044	0.055	0.066	0.077	0.087
37	9.73	4.865	1.702	0.255	0.340	0.426	0.511	0.596	0.681	0.766	0.851	0.936	1.021	1.106	1.192	1.277	1.362	1.447	1.532	1.617	1.702	1.787	1.87											