

Knurling Diameter Turning Chart

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Pitch of Knurl	Pitch Decimal	PI	Multiplier
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14	0.071428571	3.14159	0.02273644
21	0.047619048	3.14159	0.015157626
33	0.03030303	3.14159	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
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1	1/64	0.0156	0.0227	0.0152	0.0096	0.02273644	0.015157626	0.009645762
2	1/32	0.0312	0.0455	0.0303	0.0193	0.02273644	0.015157626	0.009645762
3	3/64	0.0468	0.0682	0.0455	0.0289	0.02273644	0.015157626	0.009645762
4	1/16	0.0625	0.0909	0.0606	0.0386	0.02273644	0.015157626	0.009645762
5	5/64	0.0781	0.1137	0.0758	0.0482	0.02273644	0.015157626	0.009645762
6	3/32	0.0937	0.1364	0.0909	0.0579	0.02273644	0.015157626	0.009645762
7	7/64	0.1093	0.1592	0.1061	0.0675	0.02273644	0.015157626	0.009645762
8	1/8	0.125	0.1819	0.1213	0.0772	0.02273644	0.015157626	0.009645762
9	9/64	0.1406	0.2046	0.1364	0.0868	0.02273644	0.015157626	0.009645762
10	5/32	0.1562	0.2274	0.1516	0.0965	0.02273644	0.015157626	0.009645762
11	11/64	0.1718	0.2501	0.1667	0.1061	0.02273644	0.015157626	0.009645762
12	3/16	0.1875	0.2728	0.1819	0.1157	0.02273644	0.015157626	0.009645762
13	13/64	0.2031	0.2956	0.1970	0.1254	0.02273644	0.015157626	0.009645762
14	7/32	0.2187	0.3183	0.2122	0.1350	0.02273644	0.015157626	0.009645762
15	15/64	0.2343	0.3410	0.2274	0.1447	0.02273644	0.015157626	0.009645762
16	1/4	0.25	0.3638	0.2425	0.1543	0.02273644	0.015157626	0.009645762
17	17/64	0.2656	0.3865	0.2577	0.1640	0.02273644	0.015157626	0.009645762
18	9/32	0.2812	0.4093	0.2728	0.1736	0.02273644	0.015157626	0.009645762
19	19/64	0.2968	0.4320	0.2880	0.1833	0.02273644	0.015157626	0.009645762
20	5/16	0.3125	0.4547	0.3032	0.1929	0.02273644	0.015157626	0.009645762
21	21/64	0.3281	0.4775	0.3183	0.2026	0.02273644	0.015157626	0.009645762
22	11/32	0.3437	0.5002	0.3335	0.2122	0.02273644	0.015157626	0.009645762
23	23/64	0.3593	0.5229	0.3486	0.2219	0.02273644	0.015157626	0.009645762
24	3/8	0.375	0.5457	0.3638	0.2315	0.02273644	0.015157626	0.009645762
25	25/64	0.3906	0.5684	0.3789	0.2411	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
26	13/32	0.4062	0.5911	0.3941	0.2508	0.02273644	0.015157626	0.009645762
27	27/64	0.4218	0.6139	0.4093	0.2604	0.02273644	0.015157626	0.009645762
28	7/16	0.4375	0.6366	0.4244	0.2701	0.02273644	0.015157626	0.009645762
29	29/64	0.4531	0.6594	0.4396	0.2797	0.02273644	0.015157626	0.009645762
30	15/32	0.4687	0.6821	0.4547	0.2894	0.02273644	0.015157626	0.009645762
31	31/64	0.4843	0.7048	0.4699	0.2990	0.02273644	0.015157626	0.009645762
32	1/2	0.5	0.7276	0.4850	0.3087	0.02273644	0.015157626	0.009645762
33	33/64	0.5156	0.7503	0.5002	0.3183	0.02273644	0.015157626	0.009645762
34	17/32	0.5312	0.7730	0.5154	0.3280	0.02273644	0.015157626	0.009645762
35	35/64	0.5468	0.7958	0.5305	0.3376	0.02273644	0.015157626	0.009645762
36	9/16	0.5625	0.8185	0.5457	0.3472	0.02273644	0.015157626	0.009645762
37	37/64	0.5781	0.8412	0.5608	0.3569	0.02273644	0.015157626	0.009645762
38	19/32	0.5937	0.8640	0.5760	0.3665	0.02273644	0.015157626	0.009645762
39	39/64	0.6093	0.8867	0.5911	0.3762	0.02273644	0.015157626	0.009645762
40	5/8	0.625	0.9095	0.6063	0.3858	0.02273644	0.015157626	0.009645762
41	41/64	0.6406	0.9322	0.6215	0.3955	0.02273644	0.015157626	0.009645762
42	21/32	0.6562	0.9549	0.6366	0.4051	0.02273644	0.015157626	0.009645762
43	43/64	0.6718	0.9777	0.6518	0.4148	0.02273644	0.015157626	0.009645762
44	11/16	0.6875	1.0004	0.6669	0.4244	0.02273644	0.015157626	0.009645762
45	45/64	0.7031	1.0231	0.6821	0.4341	0.02273644	0.015157626	0.009645762
46	23/32	0.7187	1.0459	0.6973	0.4437	0.02273644	0.015157626	0.009645762
47	47/64	0.7343	1.0686	0.7124	0.4534	0.02273644	0.015157626	0.009645762
48	3/4	0.75	1.0913	0.7276	0.4630	0.02273644	0.015157626	0.009645762
49	49/64	0.7656	1.1141	0.7427	0.4726	0.02273644	0.015157626	0.009645762
50	25/32	0.7812	1.1368	0.7579	0.4823	0.02273644	0.015157626	0.009645762
51	51/64	0.7968	1.1596	0.7730	0.4919	0.02273644	0.015157626	0.009645762
52	13/16	0.8125	1.1823	0.7882	0.5016	0.02273644	0.015157626	0.009645762
53	53/64	0.8281	1.2050	0.8034	0.5112	0.02273644	0.015157626	0.009645762
54	27/32	0.8437	1.2278	0.8185	0.5209	0.02273644	0.015157626	0.009645762
55	55/64	0.8593	1.2505	0.8337	0.5305	0.02273644	0.015157626	0.009645762
56	7/8	0.875	1.2732	0.8488	0.5402	0.02273644	0.015157626	0.009645762
57	57/64	0.8906	1.2960	0.8640	0.5498	0.02273644	0.015157626	0.009645762
58	29/32	0.9062	1.3187	0.8791	0.5595	0.02273644	0.015157626	0.009645762
59	59/64	0.9218	1.3414	0.8943	0.5691	0.02273644	0.015157626	0.009645762
60	15/16	0.9375	1.3642	0.9095	0.5787	0.02273644	0.015157626	0.009645762
61	61/64	0.9531	1.3869	0.9246	0.5884	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
62	31/32	0.9687	1.4097	0.9398	0.5980	0.02273644	0.015157626	0.009645762
63	63/64	0.9843	1.4324	0.9549	0.6077	0.02273644	0.015157626	0.009645762
64	1	1	1.4551	0.9701	0.6173	0.02273644	0.015157626	0.009645762
65			1.4779	0.9852	0.6270	0.02273644	0.015157626	0.009645762
66			1.5006	1.0004	0.6366	0.02273644	0.015157626	0.009645762
67			1.5233	1.0156	0.6463	0.02273644	0.015157626	0.009645762
68			1.5461	1.0307	0.6559	0.02273644	0.015157626	0.009645762
69			1.5688	1.0459	0.6656	0.02273644	0.015157626	0.009645762
70			1.5916	1.0610	0.6752	0.02273644	0.015157626	0.009645762
71			1.6143	1.0762	0.6848	0.02273644	0.015157626	0.009645762
72			1.6370	1.0913	0.6945	0.02273644	0.015157626	0.009645762
73			1.6598	1.1065	0.7041	0.02273644	0.015157626	0.009645762
74			1.6825	1.1217	0.7138	0.02273644	0.015157626	0.009645762
75			1.7052	1.1368	0.7234	0.02273644	0.015157626	0.009645762
76			1.7280	1.1520	0.7331	0.02273644	0.015157626	0.009645762
77			1.7507	1.1671	0.7427	0.02273644	0.015157626	0.009645762
78			1.7734	1.1823	0.7524	0.02273644	0.015157626	0.009645762
79			1.7962	1.1975	0.7620	0.02273644	0.015157626	0.009645762
80			1.8189	1.2126	0.7717	0.02273644	0.015157626	0.009645762
81			1.8417	1.2278	0.7813	0.02273644	0.015157626	0.009645762
82			1.8644	1.2429	0.7910	0.02273644	0.015157626	0.009645762
83			1.8871	1.2581	0.8006	0.02273644	0.015157626	0.009645762
84			1.9099	1.2732	0.8102	0.02273644	0.015157626	0.009645762
85			1.9326	1.2884	0.8199	0.02273644	0.015157626	0.009645762
86			1.9553	1.3036	0.8295	0.02273644	0.015157626	0.009645762
87			1.9781	1.3187	0.8392	0.02273644	0.015157626	0.009645762
88			2.0008	1.3339	0.8488	0.02273644	0.015157626	0.009645762
89			2.0235	1.3490	0.8585	0.02273644	0.015157626	0.009645762
90			2.0463	1.3642	0.8681	0.02273644	0.015157626	0.009645762
91			2.0690	1.3793	0.8778	0.02273644	0.015157626	0.009645762
92			2.0918	1.3945	0.8874	0.02273644	0.015157626	0.009645762
93			2.1145	1.4097	0.8971	0.02273644	0.015157626	0.009645762
94			2.1372	1.4248	0.9067	0.02273644	0.015157626	0.009645762
95			2.1600	1.4400	0.9163	0.02273644	0.015157626	0.009645762
96			2.1827	1.4551	0.9260	0.02273644	0.015157626	0.009645762
97			2.2054	1.4703	0.9356	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
98			2.2282	1.4854	0.9453	0.02273644	0.015157626	0.009645762
99			2.2509	1.5006	0.9549	0.02273644	0.015157626	0.009645762
100			2.2736	1.5158	0.9646	0.02273644	0.015157626	0.009645762
101			2.2964	1.5309	0.9742	0.02273644	0.015157626	0.009645762
102			2.3191	1.5461	0.9839	0.02273644	0.015157626	0.009645762
103			2.3419	1.5612	0.9935	0.02273644	0.015157626	0.009645762
104			2.3646	1.5764	1.0032	0.02273644	0.015157626	0.009645762
105			2.3873	1.5916	1.0128	0.02273644	0.015157626	0.009645762
106			2.4101	1.6067	1.0225	0.02273644	0.015157626	0.009645762
107			2.4328	1.6219	1.0321	0.02273644	0.015157626	0.009645762
108			2.4555	1.6370	1.0417	0.02273644	0.015157626	0.009645762
109			2.4783	1.6522	1.0514	0.02273644	0.015157626	0.009645762
110			2.5010	1.6673	1.0610	0.02273644	0.015157626	0.009645762
111			2.5237	1.6825	1.0707	0.02273644	0.015157626	0.009645762
112			2.5465	1.6977	1.0803	0.02273644	0.015157626	0.009645762
113			2.5692	1.7128	1.0900	0.02273644	0.015157626	0.009645762
114			2.5920	1.7280	1.0996	0.02273644	0.015157626	0.009645762
115			2.6147	1.7431	1.1093	0.02273644	0.015157626	0.009645762
116			2.6374	1.7583	1.1189	0.02273644	0.015157626	0.009645762
117			2.6602	1.7734	1.1286	0.02273644	0.015157626	0.009645762
118			2.6829	1.7886	1.1382	0.02273644	0.015157626	0.009645762
119			2.7056	1.8038	1.1478	0.02273644	0.015157626	0.009645762
120			2.7284	1.8189	1.1575	0.02273644	0.015157626	0.009645762
121			2.7511	1.8341	1.1671	0.02273644	0.015157626	0.009645762
122			2.7738	1.8492	1.1768	0.02273644	0.015157626	0.009645762
123			2.7966	1.8644	1.1864	0.02273644	0.015157626	0.009645762
124			2.8193	1.8795	1.1961	0.02273644	0.015157626	0.009645762
125			2.8421	1.8947	1.2057	0.02273644	0.015157626	0.009645762
126			2.8648	1.9099	1.2154	0.02273644	0.015157626	0.009645762
127			2.8875	1.9250	1.2250	0.02273644	0.015157626	0.009645762
128			2.9103	1.9402	1.2347	0.02273644	0.015157626	0.009645762
129			2.9330	1.9553	1.2443	0.02273644	0.015157626	0.009645762
130			2.9557	1.9705	1.2539	0.02273644	0.015157626	0.009645762
131			2.9785	1.9856	1.2636	0.02273644	0.015157626	0.009645762
132			3.0012	2.0008	1.2732	0.02273644	0.015157626	0.009645762
133			3.0239	2.0160	1.2829	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
134			3.0467	2.0311	1.2925	0.02273644	0.015157626	0.009645762
135			3.0694	2.0463	1.3022	0.02273644	0.015157626	0.009645762
136			3.0922	2.0614	1.3118	0.02273644	0.015157626	0.009645762
137			3.1149	2.0766	1.3215	0.02273644	0.015157626	0.009645762
138			3.1376	2.0918	1.3311	0.02273644	0.015157626	0.009645762
139			3.1604	2.1069	1.3408	0.02273644	0.015157626	0.009645762
140			3.1831	2.1221	1.3504	0.02273644	0.015157626	0.009645762
141			3.2058	2.1372	1.3601	0.02273644	0.015157626	0.009645762
142			3.2286	2.1524	1.3697	0.02273644	0.015157626	0.009645762
143			3.2513	2.1675	1.3793	0.02273644	0.015157626	0.009645762
144			3.2740	2.1827	1.3890	0.02273644	0.015157626	0.009645762
145			3.2968	2.1979	1.3986	0.02273644	0.015157626	0.009645762
146			3.3195	2.2130	1.4083	0.02273644	0.015157626	0.009645762
147			3.3423	2.2282	1.4179	0.02273644	0.015157626	0.009645762
148			3.3650	2.2433	1.4276	0.02273644	0.015157626	0.009645762
149			3.3877	2.2585	1.4372	0.02273644	0.015157626	0.009645762
150			3.4105	2.2736	1.4469	0.02273644	0.015157626	0.009645762
151			3.4332	2.2888	1.4565	0.02273644	0.015157626	0.009645762
152			3.4559	2.3040	1.4662	0.02273644	0.015157626	0.009645762
153			3.4787	2.3191	1.4758	0.02273644	0.015157626	0.009645762
154			3.5014	2.3343	1.4854	0.02273644	0.015157626	0.009645762
155			3.5241	2.3494	1.4951	0.02273644	0.015157626	0.009645762
156			3.5469	2.3646	1.5047	0.02273644	0.015157626	0.009645762
157			3.5696	2.3797	1.5144	0.02273644	0.015157626	0.009645762
158			3.5924	2.3949	1.5240	0.02273644	0.015157626	0.009645762
159			3.6151	2.4101	1.5337	0.02273644	0.015157626	0.009645762
160			3.6378	2.4252	1.5433	0.02273644	0.015157626	0.009645762
161			3.6606	2.4404	1.5530	0.02273644	0.015157626	0.009645762
162			3.6833	2.4555	1.5626	0.02273644	0.015157626	0.009645762
163			3.7060	2.4707	1.5723	0.02273644	0.015157626	0.009645762
164			3.7288	2.4859	1.5819	0.02273644	0.015157626	0.009645762
165			3.7515	2.5010	1.5916	0.02273644	0.015157626	0.009645762
166			3.7742	2.5162	1.6012	0.02273644	0.015157626	0.009645762
167			3.7970	2.5313	1.6108	0.02273644	0.015157626	0.009645762
168			3.8197	2.5465	1.6205	0.02273644	0.015157626	0.009645762
169			3.8425	2.5616	1.6301	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
170			3.8652	2.5768	1.6398	0.02273644	0.015157626	0.009645762
171			3.8879	2.5920	1.6494	0.02273644	0.015157626	0.009645762
172			3.9107	2.6071	1.6591	0.02273644	0.015157626	0.009645762
173			3.9334	2.6223	1.6687	0.02273644	0.015157626	0.009645762
174			3.9561	2.6374	1.6784	0.02273644	0.015157626	0.009645762
175			3.9789	2.6526	1.6880	0.02273644	0.015157626	0.009645762
176			4.0016	2.6677	1.6977	0.02273644	0.015157626	0.009645762
177			4.0243	2.6829	1.7073	0.02273644	0.015157626	0.009645762
178			4.0471	2.6981	1.7169	0.02273644	0.015157626	0.009645762
179			4.0698	2.7132	1.7266	0.02273644	0.015157626	0.009645762
180			4.0926	2.7284	1.7362	0.02273644	0.015157626	0.009645762
181			4.1153	2.7435	1.7459	0.02273644	0.015157626	0.009645762
182			4.1380	2.7587	1.7555	0.02273644	0.015157626	0.009645762
183			4.1608	2.7738	1.7652	0.02273644	0.015157626	0.009645762
184			4.1835	2.7890	1.7748	0.02273644	0.015157626	0.009645762
185			4.2062	2.8042	1.7845	0.02273644	0.015157626	0.009645762
186			4.2290	2.8193	1.7941	0.02273644	0.015157626	0.009645762
187			4.2517	2.8345	1.8038	0.02273644	0.015157626	0.009645762
188			4.2745	2.8496	1.8134	0.02273644	0.015157626	0.009645762
189			4.2972	2.8648	1.8230	0.02273644	0.015157626	0.009645762
190			4.3199	2.8799	1.8327	0.02273644	0.015157626	0.009645762
191			4.3427	2.8951	1.8423	0.02273644	0.015157626	0.009645762
192			4.3654	2.9103	1.8520	0.02273644	0.015157626	0.009645762
193			4.3881	2.9254	1.8616	0.02273644	0.015157626	0.009645762
194			4.4109	2.9406	1.8713	0.02273644	0.015157626	0.009645762
195			4.4336	2.9557	1.8809	0.02273644	0.015157626	0.009645762
196			4.4563	2.9709	1.8906	0.02273644	0.015157626	0.009645762
197			4.4791	2.9861	1.9002	0.02273644	0.015157626	0.009645762
198			4.5018	3.0012	1.9099	0.02273644	0.015157626	0.009645762
199			4.5246	3.0164	1.9195	0.02273644	0.015157626	0.009645762
200			4.5473	3.0315	1.9292	0.02273644	0.015157626	0.009645762
201			4.5700	3.0467	1.9388	0.02273644	0.015157626	0.009645762
202			4.5928	3.0618	1.9484	0.02273644	0.015157626	0.009645762
203			4.6155	3.0770	1.9581	0.02273644	0.015157626	0.009645762
204			4.6382	3.0922	1.9677	0.02273644	0.015157626	0.009645762
205			4.6610	3.1073	1.9774	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
206			4.6837	3.1225	1.9870	0.02273644	0.015157626	0.009645762
207			4.7064	3.1376	1.9967	0.02273644	0.015157626	0.009645762
208			4.7292	3.1528	2.0063	0.02273644	0.015157626	0.009645762
209			4.7519	3.1679	2.0160	0.02273644	0.015157626	0.009645762
210			4.7747	3.1831	2.0256	0.02273644	0.015157626	0.009645762
211			4.7974	3.1983	2.0353	0.02273644	0.015157626	0.009645762
212			4.8201	3.2134	2.0449	0.02273644	0.015157626	0.009645762
213			4.8429	3.2286	2.0545	0.02273644	0.015157626	0.009645762
214			4.8656	3.2437	2.0642	0.02273644	0.015157626	0.009645762
215			4.8883	3.2589	2.0738	0.02273644	0.015157626	0.009645762
216			4.9111	3.2740	2.0835	0.02273644	0.015157626	0.009645762
217			4.9338	3.2892	2.0931	0.02273644	0.015157626	0.009645762
218			4.9565	3.3044	2.1028	0.02273644	0.015157626	0.009645762
219			4.9793	3.3195	2.1124	0.02273644	0.015157626	0.009645762
220			5.0020	3.3347	2.1221	0.02273644	0.015157626	0.009645762
221			5.0248	3.3498	2.1317	0.02273644	0.015157626	0.009645762
222			5.0475	3.3650	2.1414	0.02273644	0.015157626	0.009645762
223			5.0702	3.3802	2.1510	0.02273644	0.015157626	0.009645762
224			5.0930	3.3953	2.1607	0.02273644	0.015157626	0.009645762
225			5.1157	3.4105	2.1703	0.02273644	0.015157626	0.009645762
226			5.1384	3.4256	2.1799	0.02273644	0.015157626	0.009645762
227			5.1612	3.4408	2.1896	0.02273644	0.015157626	0.009645762
228			5.1839	3.4559	2.1992	0.02273644	0.015157626	0.009645762
229			5.2066	3.4711	2.2089	0.02273644	0.015157626	0.009645762
230			5.2294	3.4863	2.2185	0.02273644	0.015157626	0.009645762
231			5.2521	3.5014	2.2282	0.02273644	0.015157626	0.009645762
232			5.2749	3.5166	2.2378	0.02273644	0.015157626	0.009645762
233			5.2976	3.5317	2.2475	0.02273644	0.015157626	0.009645762
234			5.3203	3.5469	2.2571	0.02273644	0.015157626	0.009645762
235			5.3431	3.5620	2.2668	0.02273644	0.015157626	0.009645762
236			5.3658	3.5772	2.2764	0.02273644	0.015157626	0.009645762
237			5.3885	3.5924	2.2860	0.02273644	0.015157626	0.009645762
238			5.4113	3.6075	2.2957	0.02273644	0.015157626	0.009645762
239			5.4340	3.6227	2.3053	0.02273644	0.015157626	0.009645762
240			5.4567	3.6378	2.3150	0.02273644	0.015157626	0.009645762
241			5.4795	3.6530	2.3246	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
242			5.5022	3.6681	2.3343	0.02273644	0.015157626	0.009645762
243			5.5250	3.6833	2.3439	0.02273644	0.015157626	0.009645762
244			5.5477	3.6985	2.3536	0.02273644	0.015157626	0.009645762
245			5.5704	3.7136	2.3632	0.02273644	0.015157626	0.009645762
246			5.5932	3.7288	2.3729	0.02273644	0.015157626	0.009645762
247			5.6159	3.7439	2.3825	0.02273644	0.015157626	0.009645762
248			5.6386	3.7591	2.3921	0.02273644	0.015157626	0.009645762
249			5.6614	3.7742	2.4018	0.02273644	0.015157626	0.009645762
250			5.6841	3.7894	2.4114	0.02273644	0.015157626	0.009645762
251			5.7068	3.8046	2.4211	0.02273644	0.015157626	0.009645762
252			5.7296	3.8197	2.4307	0.02273644	0.015157626	0.009645762
253			5.7523	3.8349	2.4404	0.02273644	0.015157626	0.009645762
254			5.7751	3.8500	2.4500	0.02273644	0.015157626	0.009645762
255			5.7978	3.8652	2.4597	0.02273644	0.015157626	0.009645762
256			5.8205	3.8804	2.4693	0.02273644	0.015157626	0.009645762
257			5.8433	3.8955	2.4790	0.02273644	0.015157626	0.009645762
258			5.8660	3.9107	2.4886	0.02273644	0.015157626	0.009645762
259			5.8887	3.9258	2.4983	0.02273644	0.015157626	0.009645762
260			5.9115	3.9410	2.5079	0.02273644	0.015157626	0.009645762
261			5.9342	3.9561	2.5175	0.02273644	0.015157626	0.009645762
262			5.9569	3.9713	2.5272	0.02273644	0.015157626	0.009645762
263			5.9797	3.9865	2.5368	0.02273644	0.015157626	0.009645762
264			6.0024	4.0016	2.5465	0.02273644	0.015157626	0.009645762
265			6.0252	4.0168	2.5561	0.02273644	0.015157626	0.009645762
266			6.0479	4.0319	2.5658	0.02273644	0.015157626	0.009645762
267			6.0706	4.0471	2.5754	0.02273644	0.015157626	0.009645762
268			6.0934	4.0622	2.5851	0.02273644	0.015157626	0.009645762
269			6.1161	4.0774	2.5947	0.02273644	0.015157626	0.009645762
270			6.1388	4.0926	2.6044	0.02273644	0.015157626	0.009645762
271			6.1616	4.1077	2.6140	0.02273644	0.015157626	0.009645762
272			6.1843	4.1229	2.6236	0.02273644	0.015157626	0.009645762
273			6.2070	4.1380	2.6333	0.02273644	0.015157626	0.009645762
274			6.2298	4.1532	2.6429	0.02273644	0.015157626	0.009645762
275			6.2525	4.1683	2.6526	0.02273644	0.015157626	0.009645762
276			6.2753	4.1835	2.6622	0.02273644	0.015157626	0.009645762
277			6.2980	4.1987	2.6719	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
278			6.3207	4.2138	2.6815	0.02273644	0.015157626	0.009645762
279			6.3435	4.2290	2.6912	0.02273644	0.015157626	0.009645762
280			6.3662	4.2441	2.7008	0.02273644	0.015157626	0.009645762
281			6.3889	4.2593	2.7105	0.02273644	0.015157626	0.009645762
282			6.4117	4.2745	2.7201	0.02273644	0.015157626	0.009645762
283			6.4344	4.2896	2.7298	0.02273644	0.015157626	0.009645762
284			6.4571	4.3048	2.7394	0.02273644	0.015157626	0.009645762
285			6.4799	4.3199	2.7490	0.02273644	0.015157626	0.009645762
286			6.5026	4.3351	2.7587	0.02273644	0.015157626	0.009645762
287			6.5254	4.3502	2.7683	0.02273644	0.015157626	0.009645762
288			6.5481	4.3654	2.7780	0.02273644	0.015157626	0.009645762
289			6.5708	4.3806	2.7876	0.02273644	0.015157626	0.009645762
290			6.5936	4.3957	2.7973	0.02273644	0.015157626	0.009645762
291			6.6163	4.4109	2.8069	0.02273644	0.015157626	0.009645762
292			6.6390	4.4260	2.8166	0.02273644	0.015157626	0.009645762
293			6.6618	4.4412	2.8262	0.02273644	0.015157626	0.009645762
294			6.6845	4.4563	2.8359	0.02273644	0.015157626	0.009645762
295			6.7072	4.4715	2.8455	0.02273644	0.015157626	0.009645762
296			6.7300	4.4867	2.8551	0.02273644	0.015157626	0.009645762
297			6.7527	4.5018	2.8648	0.02273644	0.015157626	0.009645762
298			6.7755	4.5170	2.8744	0.02273644	0.015157626	0.009645762
299			6.7982	4.5321	2.8841	0.02273644	0.015157626	0.009645762
300			6.8209	4.5473	2.8937	0.02273644	0.015157626	0.009645762
301			6.8437	4.5624	2.9034	0.02273644	0.015157626	0.009645762
302			6.8664	4.5776	2.9130	0.02273644	0.015157626	0.009645762
303			6.8891	4.5928	2.9227	0.02273644	0.015157626	0.009645762
304			6.9119	4.6079	2.9323	0.02273644	0.015157626	0.009645762
305			6.9346	4.6231	2.9420	0.02273644	0.015157626	0.009645762
306			6.9574	4.6382	2.9516	0.02273644	0.015157626	0.009645762
307			6.9801	4.6534	2.9612	0.02273644	0.015157626	0.009645762
308			7.0028	4.6685	2.9709	0.02273644	0.015157626	0.009645762
309			7.0256	4.6837	2.9805	0.02273644	0.015157626	0.009645762
310			7.0483	4.6989	2.9902	0.02273644	0.015157626	0.009645762
311			7.0710	4.7140	2.9998	0.02273644	0.015157626	0.009645762
312			7.0938	4.7292	3.0095	0.02273644	0.015157626	0.009645762
313			7.1165	4.7443	3.0191	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
314			7.1392	4.7595	3.0288	0.02273644	0.015157626	0.009645762
315			7.1620	4.7747	3.0384	0.02273644	0.015157626	0.009645762
316			7.1847	4.7898	3.0481	0.02273644	0.015157626	0.009645762
317			7.2075	4.8050	3.0577	0.02273644	0.015157626	0.009645762
318			7.2302	4.8201	3.0674	0.02273644	0.015157626	0.009645762
319			7.2529	4.8353	3.0770	0.02273644	0.015157626	0.009645762
320			7.2757	4.8504	3.0866	0.02273644	0.015157626	0.009645762
321			7.2984	4.8656	3.0963	0.02273644	0.015157626	0.009645762
322			7.3211	4.8808	3.1059	0.02273644	0.015157626	0.009645762
323			7.3439	4.8959	3.1156	0.02273644	0.015157626	0.009645762
324			7.3666	4.9111	3.1252	0.02273644	0.015157626	0.009645762
325			7.3893	4.9262	3.1349	0.02273644	0.015157626	0.009645762
326			7.4121	4.9414	3.1445	0.02273644	0.015157626	0.009645762
327			7.4348	4.9565	3.1542	0.02273644	0.015157626	0.009645762
328			7.4576	4.9717	3.1638	0.02273644	0.015157626	0.009645762
329			7.4803	4.9869	3.1735	0.02273644	0.015157626	0.009645762
330			7.5030	5.0020	3.1831	0.02273644	0.015157626	0.009645762
331			7.5258	5.0172	3.1927	0.02273644	0.015157626	0.009645762
332			7.5485	5.0323	3.2024	0.02273644	0.015157626	0.009645762
333			7.5712	5.0475	3.2120	0.02273644	0.015157626	0.009645762
334			7.5940	5.0626	3.2217	0.02273644	0.015157626	0.009645762
335			7.6167	5.0778	3.2313	0.02273644	0.015157626	0.009645762
336			7.6394	5.0930	3.2410	0.02273644	0.015157626	0.009645762
337			7.6622	5.1081	3.2506	0.02273644	0.015157626	0.009645762
338			7.6849	5.1233	3.2603	0.02273644	0.015157626	0.009645762
339			7.7077	5.1384	3.2699	0.02273644	0.015157626	0.009645762
340			7.7304	5.1536	3.2796	0.02273644	0.015157626	0.009645762
341			7.7531	5.1688	3.2892	0.02273644	0.015157626	0.009645762
342			7.7759	5.1839	3.2989	0.02273644	0.015157626	0.009645762
343			7.7986	5.1991	3.3085	0.02273644	0.015157626	0.009645762
344			7.8213	5.2142	3.3181	0.02273644	0.015157626	0.009645762
345			7.8441	5.2294	3.3278	0.02273644	0.015157626	0.009645762
346			7.8668	5.2445	3.3374	0.02273644	0.015157626	0.009645762
347			7.8895	5.2597	3.3471	0.02273644	0.015157626	0.009645762
348			7.9123	5.2749	3.3567	0.02273644	0.015157626	0.009645762
349			7.9350	5.2900	3.3664	0.02273644	0.015157626	0.009645762

Base Multiplier	Fraction	Decimal	14P Diameter	21P Diameter	33P Diameter	14P Multiplier	21P Multiplier	33P Multiplier
350			7.9578	5.3052	3.3760	0.02273644	0.015157626	0.009645762
351			7.9805	5.3203	3.3857	0.02273644	0.015157626	0.009645762
352			8.0032	5.3355	3.3953	0.02273644	0.015157626	0.009645762
353			8.0260	5.3506	3.4050	0.02273644	0.015157626	0.009645762
354			8.0487	5.3658	3.4146	0.02273644	0.015157626	0.009645762
355			8.0714	5.3810	3.4242	0.02273644	0.015157626	0.009645762
356			8.0942	5.3961	3.4339	0.02273644	0.015157626	0.009645762
357			8.1169	5.4113	3.4435	0.02273644	0.015157626	0.009645762
358			8.1396	5.4264	3.4532	0.02273644	0.015157626	0.009645762
359			8.1624	5.4416	3.4628	0.02273644	0.015157626	0.009645762
360			8.1851	5.4567	3.4725	0.02273644	0.015157626	0.009645762
361			8.2079	5.4719	3.4821	0.02273644	0.015157626	0.009645762
362			8.2306	5.4871	3.4918	0.02273644	0.015157626	0.009645762
363			8.2533	5.5022	3.5014	0.02273644	0.015157626	0.009645762
364			8.2761	5.5174	3.5111	0.02273644	0.015157626	0.009645762
365			8.2988	5.5325	3.5207	0.02273644	0.015157626	0.009645762
366			8.3215	5.5477	3.5303	0.02273644	0.015157626	0.009645762
367			8.3443	5.5628	3.5400	0.02273644	0.015157626	0.009645762
368			8.3670	5.5780	3.5496	0.02273644	0.015157626	0.009645762
369			8.3897	5.5932	3.5593	0.02273644	0.015157626	0.009645762
370			8.4125	5.6083	3.5689	0.02273644	0.015157626	0.009645762
371			8.4352	5.6235	3.5786	0.02273644	0.015157626	0.009645762
372			8.4580	5.6386	3.5882	0.02273644	0.015157626	0.009645762
373			8.4807	5.6538	3.5979	0.02273644	0.015157626	0.009645762
374			8.5034	5.6690	3.6075	0.02273644	0.015157626	0.009645762
375			8.5262	5.6841	3.6172	0.02273644	0.015157626	0.009645762
376			8.5489	5.6993	3.6268	0.02273644	0.015157626	0.009645762
377			8.5716	5.7144	3.6365	0.02273644	0.015157626	0.009645762
378			8.5944	5.7296	3.6461	0.02273644	0.015157626	0.009645762
379			8.6171	5.7447	3.6557	0.02273644	0.015157626	0.009645762
380			8.6398	5.7599	3.6654	0.02273644	0.015157626	0.009645762
381			8.6626	5.7751	3.6750	0.02273644	0.015157626	0.009645762
382			8.6853	5.7902	3.6847	0.02273644	0.015157626	0.009645762
383			8.7081	5.8054	3.6943	0.02273644	0.015157626	0.009645762
384			8.7308	5.8205	3.7040	0.02273644	0.015157626	0.009645762
385			8.7535	5.8357	3.7136	0.02273644	0.015157626	0.009645762