

Degrees	Factor	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance	Distance
		in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches	in Inches
		60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
1	0.0175	1.05	1.13	1.22	1.31	1.40	1.48	1.57	1.66	1.75	1.83	1.92	2.01	2.09	2.18	2.27	2.36	2.44	2.53
2	0.0349	2.10	2.27	2.44	2.62	2.79	2.97	3.14	3.32	3.49	3.67	3.84	4.02	4.19	4.37	4.54	4.71	4.89	5.06
3	0.0524	3.14	3.41	3.67	3.93	4.19	4.45	4.72	4.98	5.24	5.50	5.76	6.03	6.29	6.55	6.81	7.08	7.34	7.60
4	0.0699	4.20	4.55	4.89	5.24	5.59	5.94	6.29	6.64	6.99	7.34	7.69	8.04	8.39	8.74	9.09	9.44	9.79	10.14
5	0.0875	5.25	5.69	6.12	6.56	7.00	7.44	7.87	8.31	8.75	9.19	9.62	10.06	10.50	10.94	11.37	11.81	12.25	12.69
6	0.1051	6.31	6.83	7.36	7.88	8.41	8.93	9.46	9.98	10.51	11.04	11.56	12.09	12.61	13.14	13.66	14.19	14.71	15.24
7	0.1228	7.37	7.98	8.59	9.21	9.82	10.44	11.05	11.66	12.28	12.89	13.51	14.12	14.73	15.35	15.96	16.58	17.19	17.80
8	0.1405	8.43	9.14	9.84	10.54	11.24	11.95	12.65	13.35	14.05	14.76	15.46	16.16	16.86	17.57	18.27	18.97	19.68	20.38
9	0.1584	9.50	10.29	11.09	11.88	12.67	13.46	14.25	15.05	15.84	16.63	17.42	18.21	19.01	19.80	20.59	21.38	22.17	22.97
10	0.1763	10.58	11.46	12.34	13.22	14.11	14.99	15.87	16.75	17.63	18.51	19.40	20.28	21.16	22.04	22.92	23.80	24.69	25.57
11	0.1944	11.66	12.63	13.61	14.58	15.55	16.52	17.49	18.47	19.44	20.41	21.38	22.35	23.33	24.30	25.27	26.24	27.21	28.19
12	0.2126	12.75	13.82	14.88	15.94	17.00	18.07	19.13	20.19	21.26	22.32	23.38	24.44	25.51	26.57	27.63	28.70	29.76	30.82
13	0.2309	13.85	15.01	16.16	17.32	18.47	19.62	20.78	21.93	23.09	24.24	25.40	26.55	27.70	28.86	30.01	31.17	32.32	33.48
14	0.2493	14.96	16.21	17.45	18.70	19.95	21.19	22.44	23.69	24.93	26.18	27.43	28.67	29.92	31.17	32.41	33.66	34.91	36.15
15	0.2679	16.08	17.42	18.76	20.10	21.44	22.78	24.12	25.46	26.79	28.13	29.47	30.81	32.15	33.49	34.83	36.17	37.51	38.85
16	0.2867	17.20	18.64	20.07	21.51	22.94	24.37	25.81	27.24	28.67	30.11	31.54	32.98	34.41	35.84	37.28	38.71	40.14	41.58
17	0.3057	18.34	19.87	21.40	22.93	24.46	25.99	27.52	29.04	30.57	32.10	33.63	35.16	36.69	38.22	39.74	41.27	42.80	44.33
18	0.3249	19.50	21.12	22.74	24.37	25.99	27.62	29.24	30.87	32.49	34.12	35.74	37.37	38.99	40.61	42.24	43.86	45.49	47.11