

DIOPTERS – INCHES – MILLIMETERS REFERENCE CHART

Refractive Index = 1.53

DIOPTERS	INCHES	MILLIMETERS
0.125	166.929	4240.000
0.250	83.465	2120.000
0.375	55.643	1413.333
0.500	41.732	1060.000
0.625	33.386	848.000
0.750	27.822	706.667
0.875	23.847	605.714
1.000	20.866	530.000
1.125	18.548	471.111
1.250	16.693	424.000
1.375	15.175	385.455
1.500	13.911	353.333
1.625	12.841	326.154
1.750	11.924	302.857
1.875	11.129	282.667
2.000	10.433	265.000
2.125	9.819	249.412
2.250	9.274	235.556
2.375	8.786	223.158
2.500	8.346	212.000
2.625	7.949	201.905
2.750	7.588	192.727
2.875	7.258	184.348
3.000	6.955	176.667
3.125	6.677	169.600
3.250	6.420	163.077
3.375	6.183	157.037
3.500	5.962	151.429
3.625	5.756	146.207
3.750	5.564	141.333
3.875	5.385	135.774
4.000	5.217	132.500
4.125	5.058	128.485
4.250	4.910	124.706
4.375	4.769	121.143
4.500	4.637	117.778
4.625	4.512	114.595
4.750	4.393	111.579
4.875	4.280	108.718
5.000	4.173	106.000
5.125	4.071	103.415
5.250	3.975	100.952
5.375	3.882	98.605
5.500	3.794	96.364
5.625	3.710	94.222
5.750	3.629	92.174
5.875	3.552	90.213
6.000	3.478	88.333
6.125	3.407	86.531
6.250	3.339	84.800
6.375	3.273	83.137
6.500	3.210	80.000

DIOPTERS	INCHES	MILLIMETERS
6.625	3.150	80.000
6.750	3.091	78.519
6.875	3.035	77.091
7.000	2.981	75.714
7.125	2.929	74.386
7.250	2.878	73.103
7.375	2.829	71.864
7.500	2.782	70.667
7.625	2.737	69.508
7.750	2.692	68.387
7.875	2.650	67.302
8.000	2.608	66.250
8.125	2.568	65.231
8.250	2.529	64.242
8.375	2.491	63.284
8.500	2.455	62.353
8.625	2.419	61.449
8.750	2.385	60.571
8.875	2.351	59.718
9.000	2.318	58.889
9.125	2.287	58.082
9.250	2.256	57.297
9.375	2.226	56.533
9.500	2.196	55.789
9.625	2.168	55.065
9.750	2.140	54.359
9.875	2.113	53.671
10.000	2.087	53.000
10.125	2.061	52.346
10.250	2.036	51.707
10.375	2.011	51.084
10.500	1.987	50.476
10.625	1.964	49.882
10.750	1.941	49.302
10.875	1.919	48.736
11.000	1.897	48.182
11.125	1.876	48.640
11.250	1.855	47.111
11.375	1.834	46.593
11.500	1.814	46.087
11.625	1.795	45.591
11.750	1.776	45.106
11.875	1.757	44.632
12.000	1.739	44.167
12.125	1.721	43.711
12.250	1.703	43.265
12.375	1.686	42.828
12.500	1.669	42.400
12.625	1.653	41.980
12.750	1.637	41.569
12.875	1.621	41.165
13.000	1.605	40.769
13.125	1.590	40.381
13.250	1.575	40.000

DIOPTERS	INCHES	MILLIMETERS
13.375	1.560	39.626
13.500	1.546	39.259
13.625	1.531	38.899
13.750	1.518	38.545
13.875	1.504	38.198
14.000	1.490	37.857
14.125	1.477	37.522
14.250	1.464	37.193
14.375	1.452	36.870
14.500	1.439	36.552
14.625	1.427	36.239
14.750	1.415	35.932
14.875	1.403	35.630
15.000	1.391	35.333
15.250	1.368	34.754
15.500	1.346	34.194
15.750	1.325	33.651
16.000	1.304	33.125
16.250	1.284	32.615
16.500	1.265	32.121
16.750	1.246	31.642
17.000	1.227	31.176
17.250	1.210	30.725
17.500	1.192	30.286
17.750	1.176	29.859
18.000	1.159	29.444
18.250	1.143	29.041
18.500	1.128	28.649
18.750	1.113	28.267
19.000	1.098	27.895
19.250	1.084	27.532
19.500	1.070	27.179
19.750	1.057	26.835
20.000	1.043	26.500
20.250	1.030	26.173
20.500	1.018	25.854
20.750	1.006	25.542
21.000	0.994	25.238
21.250	0.982	24.941
21.500	0.971	24.651
21.750	0.959	24.368
22.000	0.948	24.091
22.250	0.938	23.820
22.500	0.927	23.556
22.750	0.917	23.297
23.000	0.907	23.043
23.250	0.897	22.796
23.500	0.888	22.553
23.750	0.879	22.316
24.000	0.869	22.083
24.250	0.860	22.856
24.500	0.852	21.633
24.750	0.843	21.414
25.000	0.835	21.200

SOURCE: UNIVERSAL PHOTONICS