

MEASUREMENT COMPARISON CHART

M6

Decimal
Table of Decimal Equivalents of 8ths, 16ths, 32nds and 64ths of an Inch

Decimal Equivalent of the Numbers of Twist Drill and Steel Wire Gauge

Decimal Inch Equivalents of Millimeter and Fractional part of Millimeters

Metric and Denominator

8ths	16ths	32nds	64ths
1/8	.125		
1/4	.250		
3/8	.375		
1/2	.500		
5/8	.625		
3/4	.750		
7/8	.875		
1/16	.0625		
3/16	.1875		
5/16	.3125		
7/16	.4375		
9/16	.5625		
11/16	.6875		
13/16	.8125		
15/16	.9375		
1/32	.03125		
3/32	.09375		
5/32	.15625		
7/32	.21875		
9/32	.28125		
11/32	.34375		
13/32	.40625		
15/32	.46875		
17/32	.53125		
19/32	.59375		
21/32	.65625		
23/32	.71875		
25/32	.78125		
27/32	.84375		
29/32	.90625		
31/32	.96875		
1/64	.015625		
3/64	.046875		
5/64	.078125		
7/64	.109375		
9/64	.140625		
11/64	.171875		
13/64	.203125		
15/64	.234375		
17/64	.265625		
19/64	.296875		
21/64	.328125		
23/64	.359375		
25/64	.390625		
27/64	.421875		
29/64	.453125		
31/64	.484375		
33/64	.515625		
35/64	.546875		
37/64	.578125		
39/64	.609375		
41/64	.640625		
43/64	.671875		
45/64	.703125		
47/64	.734375		
49/64	.765625		
51/64	.796875		
53/64	.828125		
55/64	.859375		
57/64	.890625		
59/64	.921875		
61/64	.953125		
63/64	.984375		

No.	Size of No. in Decimals
1	.2280
2	.2210
3	.2130
4	.2090
5	.2055
6	.2040
7	.2010
8	.1990
9	.1960
10	.1935
11	.1910
12	.1890
13	.1850
14	.1820
15	.1800
16	.1770
17	.1730
18	.1695
19	.1660
20	.1610
21	.1590
22	.1570
23	.1540
24	.1520
25	.1495
26	.1470
27	.1440
28	.1405
29	.1360
30	.1285
31	.1200
32	.1160
33	.1130
34	.1110
35	.1100
36	.1065
37	.1040
38	.1015
39	.0995
40	.0980
41	.0960
42	.0935
43	.0890
44	.0860
45	.0820
46	.0810
47	.0785
48	.0780
49	.0730
50	.0700
51	.0670
52	.0635
53	.0585
54	.0550
55	.0520
56	.0485
57	.0430
58	.0420
59	.0410
60	.0400
61	.0380
62	.0380
63	.0370
64	.0360
65	.0355
66	.0330
67	.0320
68	.0310
69	.0280
70	.0280
71	.0280
72	.0250
73	.0240
74	.0225
75	.0210
76	.0200
77	.0180
78	.0160
79	.0145
80	.0135

mm	Inches	mm	Inches
1-100	.00039	63-100	.02480
2-100	.00079	64-100	.02520
3-100	.00118	65-100	.02559
4-100	.00157	66-100	.02598
5-100	.00197	67-100	.02638
6-100	.00236	68-100	.02677
7-100	.00276	69-100	.02717
8-100	.00315	70-100	.02756
9-100	.00354	71-100	.02795
10-100	.00394	72-100	.02835
11-100	.00433	73-100	.02874
12-100	.00472	74-100	.02913
13-100	.00512	75-100	.02953
14-100	.00551	76-100	.02992
15-100	.00591	77-100	.03032
16-100	.00630	78-100	.03071
17-100	.00669	79-100	.03110
18-100	.00709	80-100	.03150
19-100	.00748	81-100	.03189
20-100	.00787	82-100	.03228
21-100	.00827	83-100	.03268
22-100	.00866	84-100	.03307
23-100	.00906	85-100	.03346
24-100	.00945	86-100	.03386
25-100	.00984	87-100	.03425
26-100	.01024	88-100	.03465
27-100	.01063	89-100	.03504
28-100	.01102	90-100	.03543
29-100	.01142	91-100	.03583
30-100	.01181	92-100	.03622
31-100	.01220	93-100	.03661
32-100	.01260	94-100	.03701
33-100	.01299	95-100	.03740
34-100	.01339	96-100	.03780
35-100	.01378	97-100	.03819
36-100	.01417	98-100	.03858
37-100	.01457	99-100	.03898
38-100	.01496	1	.03937
39-100	.01535	2	.07874
40-100	.01575	3	.11811
41-100	.01614	4	.15748
42-100	.01654	5	.19685
43-100	.01693	6	.23622
44-100	.01732	7	.27559
45-100	.01772	8	.31496
46-100	.01811	9	.35433
47-100	.01850	10	.39370
48-100	.01890	11	.43307
49-100	.01929	12	.47244
50-100	.01968	13	.51181
51-100	.02008	14	.55118
52-100	.02047	15	.59055
53-100	.02087	16	.62992
54-100	.02126	17	.66929
55-100	.02165	18	.70866
56-100	.02205	19	.74803
57-100	.02244	20	.78740
58-100	.02283	21	.82677
59-100	.02323	22	.86614
60-100	.02362	23	.90551
61-100	.02402	24	.94488
62-100	.02441	25	.98425
		26	1.02362

Denominator	Metric
Width	
5/0	.50
4/0	.60
3/0	.70
2/0 1/2	.75
2/0	.80
1/0 1/2	.85
1/0	.90
1/2	.95
1	1.00
2	1.10
3	1.20
4	1.30
5	1.40
6	1.50
7	1.60
8	1.70
9	1.80
10	1.90
11	2.00
12	2.10
13	2.20
14	2.30
15	2.40
16	2.50
17	2.60
18	2.70
19	2.80
20	2.90
21	3.00
22	3.10
23	3.20
24	3.30
25	3.40
26	3.50
27	3.60
28	3.70
29	3.80
30	3.90
31	4.00
32	4.10
33	4.20
34	4.30
35	4.40
36	4.50
37	4.60
38	4.70
39	4.80
40	4.90
41	5.00
42	5.10
43	5.20
Strength	
0000	.25
000	.27
00	.29
0	.25
0 1/2	.26
1	.23
2	.22
3	.21
3 1/2	.20
4	.19
5	.18
6	.17
6 1/2	.16
7	.15
8	.14
9	.13
9 1/2	.12
10	.11
11	.10
12	.09
12 1/2	.08
13	.08
13 1/2	.07
14	.06
15	.05