



DECIMAL EQUIVALENTS

Stocked items in Bold

Gauge and Letter sizes are not now recommended

Metric	Fract	Gauge	Inch	Metric	Fract	Gauge	Inch
0.30			.0118	0.82			.0323
0.32			.0126	0.838		66	.0330
0.343		80	.0135	0.85			.0335
0.35			.0138	0.88			.0346
0.368		79	.0145	0.889		65	.0350
0.38			.0150	0.9			.0354
0.397	1/64"		.0156	0.914		64	.0360
0.40			.0157	0.92			.0362
0.406		78	.0160	0.940		63	.0370
0.42			.0165	0.95			.0374
0.45			.0177	0.965		62	.0380
0.457		77	.0180	0.98			.0386
0.48			.0189	0.991		61	.0390
0.50			.0197	1.00			.0394
0.508		76	.0200	1.016		60	.0400
0.52			.0205	1.041		59	.0410
0.533		75	.0210	1.05			.0413
0.55			.0217	1.067		58	.0420
0.572		74	.0225	1.092		57	.0430
0.58			.0228	1.10			.0433
0.60			.0236	1.15			.0453
0.61		73	.0240	1.181		56	.0465
0.62			.0244	1.191	3/64"		.0469
0.635		72	.0250	1.20			.0472
0.65			.0256	1.25			.0492
0.660		71	.0260	1.30			.0512
0.68			.0268	1.321		55	.0520
0.7			.0276	1.35			.0531
0.711		70	.0280	1.397		54	.0550
0.72			.0283	1.40			.0551
0.742		69	.0292	1.45			.0571
0.75			.0295	1.50			.0591
0.78			.0307	1.511		53	.0595
0.787		68	.0310	1.55			.0610
0.794	1/32"		.0312	1.588	1/16"		.0625
0.8			.0315	1.60			.0630
0.813		67	.0320	1.613		52	.0635

Number drill diameters are listed to ANSI standard diameters. Although often referred to as Wire Gauge this is the high speed steel wire, which they are made from and not to any British wire sizes. For reference to British SWG used on sheet metal, see page 55.

DECIMAL EQUIVALENTS

Metric	Fract	Gauge	Inch	Metric	Fract	Gauge	Inch
1.65			.0650	2.794		35	.1100
1.70			.0669	2.80			.1102
1.702		51	.0670	2.819		34	.1110
1.75			.0689	2.85			.1122
1.778		50	.0700	2.870		33	.1130
1.80			.0709	2.90			.1142
1.85			.0728	2.946		32	.1160
1.854		49	.0730	2.95			.1161
1.90			.0748	3.00			.1181
1.930		48	.0760	3.048		31	.1200
1.95			.0768	3.10			.1220
1.984	5/64"		.0781	3.175	1/8"		.1250
1.994		47	.0785	3.20			.1260
2.00			.0787	3.25			.1280
2.05			.0807	3.264		30	.1285
2.057		46	.0810	3.30			.1299
2.083		45	.0820	3.40			.1339
2.10			.0827	3.454		29	.1360
2.15			.0846	3.5			.1378
2.184		44	.0860	3.569		28	.1405
2.2			.0866	3.572	9/64"		.1406
2.25			.0886	3.6			.1417
2.261		43	.0890	3.658		27	.1440
2.30			.0906	3.70			.1457
2.35			.0925	3.734		26	.1470
2.375		42	.0935	3.75			.1476
2.381	3/32"		.0938	3.797		25	.1495
2.40			.0945	3.80			.1496
2.438		41	.0960	3.861		24	.1520
2.45			.0965	3.90			.1535
2.489		40	.0980	3.912		23	.1540
2.50			.0984	3.969	5/32"		.1562
2.527		39	.0995	3.988		22	.1570
2.55			.1004	4.00			.1575
2.578		38	.1015	4.039		21	.1590
2.60			.1024	4.089		20	.1610
2.642		37	.1040	4.10			.1614
2.65			.1043	4.20			.1654
2.70			.1063	4.216		19	.1660
2.705		36	.1065	4.25			.1673
2.75			.1083	4.30			.1693
2.778	7/64"		.1094	4.305		18	.1695



DECIMAL EQUIVALENTS

Metric	Fract	Gauge	Inch	
4.366	11/64"		.1719	
4.394			.1730	
4.40			.1732	
4.496		16		.1770
4.50				.1772
4.572		15		.1800
4.60				.1811
4.623			14	
4.70		13		
4.75				.1870
4.762	3/16"		.1875	
4.80		12		.1890
4.851			11	
4.90				.1929
4.915		10		.1935
4.978			9	
5.00				.1969
5.055		8		.1990
5.10				.2008
5.105		13/64"	7	.2010
5.159				.2031
5.182	6			.2040
5.20				.2047
5.220	5			.2055
5.25				.2067
5.30			.2087	
5.309	4			.2090
5.40				.2126
5.410	3			.2130
5.50			.2165	
5.556	7/32"		.2188	
5.60			.2205	
5.613		2		.2210
5.70				.2244
5.75			.2264	
5.791		1		.2280
5.80				.2283
5.90			.2323	
5.944		A		.2340
5.953				.2344
6.00	15/64"		.2362	
6.045		B	.2380	

Metric	Fract	Letter	Inch
6.10			.2402
6.147		C	.2420
6.20			.2441
6.248		D	.2460
6.25			.2461
6.30			.2480
6.35	1/4"	E	.2500
6.40			.2520
6.50			.2559
6.528		F	.2570
6.60			.2598
6.629		G	.2610
6.70			.2638
6.747	17/64"		.2656
6.75			.2657
6.756		H	.2660
6.80			.2677
6.90			.2717
6.909		I	.2720
7.00			.2756
7.036		J	.2770
7.10			.2795
7.137		K	.2810
7.144	9/32"		
7.20			.2835
7.25			.2854
7.30			.2874
7.366		L	.2900
7.40			.2913
7.493		M	.2950
7.50			.2953
7.541	19/64"		.2969
7.60			.2992
7.671		N	.3020
7.70			.3031
7.75			.3051
7.80			.3071
7.90			.3110
7.938	5/16"		.3125
8.00			.3150
8.026		O	.3160
8.10			.3189

DECIMAL EQUIVALENTS

Metric	Fract	Letter	Inch
8.20			.3228
8.204		P	.3230
8.25			.3248
8.30			.3268
8.334	21/64"		.3281
8.40			.3307
8.433		Q	.3320
8.50			.3346
8.60			.3386
8.611		R	.3390
8.70			.3425
8.731	11/32"		.3438
8.75			.3445
8.80			.3465
8.839		S	.3480
8.90			.3504
9.00			.3543
9.093		T	.3580
9.10			.3583
9.128	23/64"		.3594
9.20			.3622
9.25			.3642
9.30			.3661
9.347		U	.3680
9.40			.3701
9.50			.3740
9.525	3/8"		.3750
9.576		V	.3770
9.60			.3780
9.70			.3819
9.75			.3839
9.80			.3858
9.804		W	.3860
9.90			.3898
9.922	25/64"		.3906
10.00			.3937
10.084		X	.3970
10.10			.3976
10.20			.4016
10.25			.4035
10.262		Y	.4040
10.30			.4055

Metric	Fract	Letter	Inch
10.319	13/32"		.4062
10.40			.4094
10.490		Z	.4130
10.50			.4134
10.60			.4173
10.70			.4213
10.716	27/64"		.4219
10.75			.4232
10.80			.4252
10.90			.4291
11.00			.4331
11.10			.4370
11.112	7/16"		.4375
11.20			.4409
11.25			.4429
11.30			.4449
11.40			.4488
11.50			.4528
11.509	29/64"		.4531
11.60			.4567
11.70			.4606
11.75			.4626
11.80			.4646
11.90			.4685
11.906	15/32"		.4688
12.00			.4724
12.10			.4764
12.20			.4803
12.25			.4823
12.30			.4843
12.303	31/64"		.4844
12.40			.4882
12.50			.4921
12.60			.4961
12.70	1/2"		.5000
12.75			.5020
12.80			.5039
12.90			.5079
13.00			.5118
13.097	33/64"		.5156
13.10			.5157
13.20			.5197



DECIMAL EQUIVALENTS

Metric	Fract	Inch
13.25		.5217
13.30		.5236
13.40		.5276
13.494	17/32"	.5313
13.50		.5315
13.60		.5354
13.70		.5394
13.75		.5413
13.80		.5433
13.891	35/64"	.5469
13.90		.5472
14.00		.5512
14.25		.5610
14.288	9/16"	.5625
14.50		.5709
14.684	37/64"	.5781
14.75		.5807
15.00		.5906
15.081	19/32"	.5937
15.25		.6004
15.478	39/64"	.6094
15.50		.6102
15.75		.6201
15.875	5/8"	.6250
16.00		.6299
16.25		.6398
16.272	41/64"	.6406
16.50		.6496
16.669	21/32"	.6563
16.75		.6594
17.00		.6693
17.066	43/64"	.6719
17.25		.6791
17.462	11/16"	.6875
17.50		.6890
17.75		.6988
17.859	45/64"	.7031
18.00		.7087
18.25		.7185
18.256	23/32"	.7187
18.50		.7283
18.653	47/64"	.7344

Metric	Fract	Inch
18.75		.7382
19.00		.7480
19.050	3/4"	.7500
19.25		.7579
19.447	49/64"	.7656
19.50		.7677
19.75		.7776
19.844	25/32"	.7813
20.00		.7874
20.241	51/64"	.7969
20.25		.7972
20.50		.8071
20.638	13/16"	.8125
20.75		.8169
21.00		.8268
21.034	53/64"	.8281
21.25		.8366
21.431	27/32"	.8437
21.50		.8465
21.75		.8563
21.828	55/64"	.8594
22.00		.8661
22.225	7/8"	.8750
22.25		.8760
22.50		.8858
22.622	57/64"	.8906
22.75		.8957
23.00		.9055
23.019	29/32"	.9063
23.25		.9154
23.416	59/64"	.9219
23.50		.9252
23.75		.9350
23.812	15/16"	.9375
24.00		.9449
24.209	61/64"	.9531
24.25		.9547
24.5		.9646
24.606	31/32"	.9687
24.75		.9744
25.00		.9843
25.003	63/64"	.9844

DECIMAL EQUIVALENTS

Metric	Fract	Inch
25.25		.9941
25.400	1"	1.0000
25.50		1.0039
25.75		1.0138
25.797	1-1/64"	1.0156
26.00		1.0236
26.194	1-1/32"	1.0313
26.25		1.0335
26.50		1.0433
26.591	1-3/64"	1.0469
26.75		1.0531
26.988	1-1/16"	1.0625
27.00		1.0630
27.25		1.0728
27.384	1-5/64"	1.0781
27.50		1.0827
27.75		1.0925
27.781	1-3/32"	1.0937
28.00		1.1024
28.178	1-7/64"	1.1094
28.25		1.1122
28.50		1.1220
28.575	1-1/8"	1.1250
28.75		1.1319
28.972	1-9/64"	1.1406
29.00		1.1417
29.25		1.1516
29.369	1-5/32"	1.1563
29.50		1.1614
29.75		1.1713
29.766	1-11/64"	1.1719
30.000		1.1811
30.162	1-3/16"	1.1875
30.25		1.1909
30.50		1.2008
30.559	1-13/64"	1.2031
30.75		1.2106
30.956	1-7/32"	1.2187
31.00		1.2205
31.250		1.2303
31.353	1-15/64"	1.2344
31.50		1.2402

Metric	Fract	Inch
31.750	1-1/4"	1.2500
32.00		1.2598
32.147	1-17/64"	1.2656
32.5		1.2795
32.544	1-9/32"	1.2813
32.941	1-19/64"	1.2969
33.00		1.2992
33.338	1-5/16"	1.3125
33.50		1.3189
33.734	1-21/64"	1.3281
34.00		1.3386
34.131	1-11/32"	1.3437
34.50		1.3583
34.528	1-23/64"	1.3594
34.925	1-3/8"	1.3750
35.00		1.3780
35.322	1-25/64"	1.3906
35.50		1.3976
35.719	1-13/32	1.4063
36.00		1.4173
36.116	1-27/64"	1.4219
36.50		1.4370
36.512	1-7/16"	1.4375
36.909	1-29/64"	1.4531
37.00		1.4567
37.306	1-15/32"	1.4687
37.50		1.4764
37.703	1-31/64"	1.4844
38.00		1.4961
38.100	1-1/2"	1.5000
38.497	1-33/64"	1.5156
38.50		1.5157
38.894	1-17/32"	1.5313
39.00		1.5354
39.291	1-35/64"	1.5469
39.50		1.5551
39.688	1-9/16"	1.5625
40.00		1.5748
40.084	1-37/64	1.5781
40.481	1-19/32"	1.5937
40.50		1.5945
40.878	1-39/64"	1.6094



DECIMAL EQUIVALENTS

Metric	Fractional	Inch
41.00		1.6142
41.275	1-5/8"	1.6250
41.50		1.6339
41.672	1-41/64"	1.6406
42.00		1.6535
42.069	1-21/32"	1.6563
42.466	1-43/64"	1.6719
42.50		1.6732
42.862	1-11/16"	1.6875
43.00		1.6929
43.259	1-45/64"	1.7031
43.50		1.7126
43.656	1-23/32"	1.7187
44.00		1.7323
44.053	1-47/64"	1.7344
44.450	1-3/4"	1.7500
44.50		1.7520
44.847	1-49/64"	1.7656
45.00		1.7717
45.244	1-25/32"	1.7813
45.50		1.7913
45.641	1-51/64"	1.7969
46.00		1.8110
46.038	1-13/16"	1.8125
46.434	1-53/64"	1.8281
46.50		1.8307
46.831	1-27/32"	1.8437
47.00		1.8504
47.228	1-55/64"	1.8594
47.50		1.8701
47.625	1-7/8"	1.8750
48.00		1.8898
48.022	1-57/64"	1.8906
48.419	1-29/32"	1.9063
48.50		1.9094
48.816	1-59/64"	1.9219
49.00		1.9291
49.212	1-15/16"	1.9375
49.50		1.9488
49.609	1-61/64"	1.9531
50.00		1.9685
50.006	1-31/32"	1.9687

Metric	Fractional	Inch
50.403	1-63/64"	1.9844
50.50		1.9882
50.800	2"	2.0000
51.00		2.0079
51.594	2-1/32"	2.0313
52.00		2.0472
52.388	2-1/16"	2.0625
53.00		2.0866
53.181	2-3/32"	2.0937
53.975	2-1/8"	2.1250
54.00		2.1260
54.769	2-5/32"	2.1563
55.00		2.1654
55.562	2-3/16"	2.1875
56.00		2.2047
56.356	2-7/32"	2.2187
57.00		2.2441
57.150	2-1/4"	2.2500
57.944	2-9/32"	2.2813
58.00		2.2835
58.738	2-5/16"	2.3125
59.00		2.3228
59.531	2-11/32"	2.3437
60.00		2.3622
60.325	2-3/8"	2.3750
61.00		2.4016
61.119	2-13/32"	2.4063
61.912	2-7/16"	2.4375
62.00		2.4409
62.706	2-15/32"	2.4687
63.00		2.4803
63.500	2-1/2"	2.5000
64.00		2.5197
64.294	2-17/32"	2.5313
65.00		2.5591
65.088	2-9/16"	2.5625
65.881	2-19/32"	2.5937
66.00		2.5984
66.675	2-5/8"	2.6250
67.00		2.6378
67.469	2-21/32"	2.6563
68.00		2.6772

DECIMAL EQUIVALENTS

Metric	Fractional	Inch
68.262	2-11/16"	2.6875
69.00		2.7165
69.056	2-23/32"	2.7187
69.850	2-3/4"	2.7500
70.00		2.7559
70.644	2-25/32"	2.7813
71.00		2.7953
71.438	2-13/16"	2.8125
72.00		2.8346
72.231	2-27/32"	2.8437
73.00		2.8740
73.025	2-7/8"	2.8750
73.819	2-29/32"	2.9063
74.00		2.9134
74.612	2-15/16"	2.9375
75.00		2.9528
75.406	2-31/32"	2.9687
76.00		2.9921
76.200	3"	3.0000
76.994	3-1/32"	3.0313
77.00		3.0315
77.788	3-1/16"	3.0625
78.00		3.0709
78.581	3-3/32"	3.0937
79.00		3.1102
79.375	3-1/8"	3.1250
80.00		3.1496
80.169	3-5/32"	3.1563
80.962	3-3/16"	3.1875
81.00		3.1890
81.756	3-7/32"	3.2187
82.00		3.2283
82.550	3-1/4"	3.2500
83.00		3.2677

Metric	Fractional	Inch
83.344	3-9/32"	3.2813
84.00		3.3071
84.138	3-5/16"	3.3125
84.931	3-11/32"	3.3437
85.00		3.3465
85.725	3-3/8"	3.3750
86.00		3.3858
86.519	3-13/32"	3.4063
87.00		3.4252
87.312	3-7/16"	3.4375
88.00		3.4646
88.106	3-15/32"	3.4687
88.900	3-1/2"	3.5000
89.00		3.5039
90.00		3.5433
90.488	3-9/16"	3.5625
91.00		3.5827
92.00		3.6220
92.075	3-5/8"	3.6250
93.00		3.6614
93.662	3-11/16"	3.6875
94.00		3.7008
95.00		3.7402
95.250	3-3/4"	3.7500
96.00		3.7795
96.838	3-13/16"	3.8125
97.00		3.8189
98.00		3.8583
98.425	3-7/8"	3.8750
99.00		3.8976
100.00		3.9370
100.012	3-15/16"	3.9375
101.600	4"	4.0000