

Conversions - inch-mm

inch	inch	mm
1/32	0.0312	0.794
1/16	0.0625	1.588
3/32	0.0938	2.38
1/8	0.1250	3.18
5/32	0.1562	3.97
3/16	0.1875	4.76
1/4	0.2500	6.35
5/16	0.3125	7.94
3/8	0.3750	9.52
7/16	0.4375	11.11
1/2	0.5000	12.70
9/16	0.5625	14.29
5/8	0.6250	15.88
11/16	0.6875	17.46
3/4	0.7500	19.05
7/8	0.8750	22.23
1	1.000	25.40
1 1/8	1.125	28.58
1 1/4	1.250	31.75
1 3/8	1.375	34.93
1 1/2	1.500	38.10
1 5/8	1.625	41.28
1 3/4	1.750	44.45

inch	inch	mm
1 7/8	1.875	47.63
2	2.000	50.80
2 1/4	2.250	57.15
2 3/8	2.375	60.33
2 1/2	2.500	63.50
2 5/8	2.625	66.68
2 3/4	2.750	69.85
2 7/8	2.875	73.03
3	3.000	76.20
3 1/4	3.250	82.55
3 1/2	3.500	88.90
3 3/4	3.750	95.25
4	4.000	101.60
4 1/4	4.250	107.95
4 1/2	4.500	114.30
4 3/4	4.750	120.65
5	5.000	127.00
5 1/4	5.250	133.35
5 1/2	5.500	139.70
5 3/4	5.75	146.05
6	6.000	152.40
6 1/4	6.250	158.75
6 1/2	6.500	165.10

inch	inch	mm
6 3/4	6.750	171.45
7	7.000	177.80
7 1/4	7.250	184.15
7 1/2	7.500	190.50
7 3/4	7.750	196.85
8	8.000	203.20
8 1/4	8.250	209.55
8 1/2	8.500	215.90
8 3/4	8.750	222.25
9	9.000	228.60
9 1/4	9.250	234.95
9 1/2	9.500	241.30
9 3/4	9.750	247.65
10	10.00	254.00
10 1/4	10.25	260.35
10 1/2	10.50	266.70
10 3/4	10.75	273.05
11	11.00	279.40
12	12.00	304.80
14	14.00	355.60
16	16.00	406.40
18	18.00	457.20
20	20.00	508.00

Length Conversion Factors			
	to convert	to	multiply by
0.03937	inch (in)	millimetre (mm)	25.400
3.2808	foot (ft)	metre (m)	0.3048
1.0936	yard	metre (m)	0.9144
0.62137	mile	kilometre (km)	1.6093
39.370	thou or mil	millimetre (mm)	0.02540
0.001	millimetre (mm)	micrometre (micron or µm)	1000
0.02540	micrometre (micron or µm)	micro-inch (µ")	39.370
multiply by	to	to convert	

SWG	inch	mm
7/0	0.500	12.700
6/0	0.464	11.786
5/0	0.432	10.973
4/0	0.400	10.160
3/0	0.372	9.449
2/0	0.348	8.839
0	0.324	8.230
1	0.300	7.620
2	0.276	7.010
3	0.252	6.401
4	0.232	5.890

SWG	inch	mm
5	0.212	5.380
6	0.192	4.877
7	0.176	4.470
8	0.160	4.064
9	0.144	3.658
10	0.128	3.251
11	0.116	2.946
12	0.104	2.642
13	0.092	2.337
14	0.080	2.032
15	0.072	1.829

SWG	inch	mm
16	0.064	1.626
17	0.056	1.422
18	0.048	1.219
19	0.040	1.016
20	0.036	0.914
21	0.032	0.813
22	0.028	0.711
23	0.024	0.610
24	0.022	0.559
25	0.020	0.508
26	0.018	0.457

“SWG” is British Standard Wire Gauge. Other gauge systems can be different; AWG is very different