

inch	inch	mm	inch	inch	mm	inch	inch	mm
1/32	0.0312	0.794	1 7/8	1.875	47.63	6 3/4	6.750	171.45
1/16	0.0625	1.588	2	2.000	50.80	7	7.000	177.80
3/32	0.0938	2.38	2 1/4	2.250	57.15	7 1/4	7.250	184.15
1/8	0.1250	3.18	2 3/8	2.375	60.33	7 1/2	7.500	190.50
5/32	0.1562	3.97	2 1/2	2.500	63.50	7 3/4	7.750	196.85
3/16	0.1875	4.76	2 5/8	2.625	66.68	8	8.000	203.20
1/4	0.2500	6.35	2 3/4	2.750	69.85	8 1/4	8.250	209.55
5/16	0.3125	7.94	2 7/8	2.875	73.03	8 1/2	8.500	215.90
3/8	0.3750	9.52	3	3.000	76.20	8 3/4	8.750	222.25
7/16	0.4375	11.11	3 1/4	3.250	82.55	9	9.000	228.60
1/2	0.5000	12.70	3 1/2	3.500	88.90	9 1/4	9.250	234.95
9/16	0.5625	14.29	3 3/4	3.750	95.25	9 1/2	9.500	241.30
5/8	0.6250	15.88	4	4.000	101.60	9 3/4	9.750	247.65
11/16	0.6875	17.46	4 1/4	4.250	107.95	10	10.00	254.00
3/4	0.7500	19.05	4 1/2	4.500	114.30	10 1/4	10.25	260.35
7/8	0.8750	22.23	4 3/4	4.750	120.65	10 1/2	10.50	266.70
1	1.000	25.40	5	5.000	127.00	10 3/4	10.75	273.05
1 1/8	1.125	28.58	5 1/4	5.250	133.35	11	11.00	279.40
1 1/4	1.250	31.75	5 1/2	5.500	139.70	12	12.00	304.80
1 3/8	1.375	34.93	5 3/4	5.750	146.05	14	14.00	355.60
1 1/2	1.500	38.10	6	6.000	152.40	16	16.00	406.40
1 5/8	1.625	41.28	6 1/4	6.250	158.75	18	18.00	457.20
1 3/4	1.750	44.45	6 1/2	6.500	165.10	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	SWG	inch	mm	SWG	inch	mm
7/0	0.500	12.700	5	0.212	5.380	16	0.064	1.626
6/0	0.464	11.786	6	0.192	4.877	17	0.056	1.422
5/0	0.432	10.973	7	0.176	4.470	18	0.048	1.219
4/0	0.400	10.160	8	0.160	4.064	19	0.040	1.016
3/0	0.372	9.449	9	0.144	3.658	20	0.036	0.914
2/0	0.348	8.839	10	0.128	3.251	21	0.032	0.813
0	0.324	8.230	11	0.116	2.946	22	0.028	0.711
1	0.300	7.620	12	0.104	2.642	23	0.024	0.610
2	0.276	7.010	13	0.092	2.337	24	0.022	0.559
3	0.252	6.401	14	0.080	2.032	25	0.020	0.508
4	0.232	5.890	15	0.072	1.829	26	0.018	0.457

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