

## COMPARISON OF WIRE GAUGES

Standard Wire Gauges in Approximate Decimals of an Inch and mm.

American or Brown and Sharp Wire Gauge	Diameter Inches	Diameter Millimeters	British Standard or Imperial	US Standard
1	0.2893	7.348	.300	.281
2	0.2576	6.544	.276	.266
3	0.2294	5.827	.252	.250
4	0.2043	5.189	.232	.234
5	0.1819	4.621	.212	.219
6	0.1620	4.115	.192	.203
7	0.1443	3.665	.176	.188
8	0.1285	3.264	.160	.172
9	0.1144	2.906	.144	.156
10	0.1019	2.588	.128	.141
11	0.0907	2.304	.116	.125
12	0.0808	2.053	.104	.109
13	0.0720	1.829	.092	.0938
14	0.0641	1.628	.080	.0781
15	0.0571	1.450	.072	.0703
16	0.0508	1.291	.064	.0625
17	0.0453	1.150	.056	.0563
18	0.0403	1.024	.048	.0500
19	0.0359	0.9116	.040	.0438
20	0.0320	0.8118	.036	.0375
21	0.0285	0.7230	.032	.0344
22	0.0253	0.6438	.028	.031
23	0.0226	0.5733	.024	.0281
24	0.0201	0.5106	.022	.0250
25	0.0179	0.4547	.020	.0219
26	0.0159	0.4049	.018	.0188
27	0.0142	0.3606	.0164	.0172
28	0.0126	0.3211	.0148	.0156
29	0.0113	0.2859	.0136	.0141
30	0.0100	0.2546	.0124	.0125
31	0.0089	0.2268	.0116	.0109
32	0.0080	0.2019	.0108	.0102
33	0.00708	0.178	.010	.0094
34	0.00630	0.152	.0092	.0086
35	0.00561	0.138	.0084	.0078
36	0.00500	0.127	.0076	.0066
37	0.00445	0.1131	.0068	.0070
38	0.00397	0.1007	.006	.0063
39	0.00353	0.08969	.0052	--
40	0.00314	0.07987	.0048	--