

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

1/32	1/64	.015625	17/32	33/64	.515625
1/16	3/64	.046875	9/16	35/64	.546875
3/32	5/64	.078125	19/32	37/64	.578125
1/8	7/64	.109375	5/8	39/64	.609375
5/32	9/64	.140625	21/32	41/64	.640625
	11/64	.171875		43/64	.671875
3/16		.1875	11/16		.6875
7/32	13/64	.203125	23/32	45/64	.703125
	15/64	.234375		47/64	.734375
1/4	17/64	.265625	3/4	49/64	.765625
9/32	19/64	.28125	25/32	51/64	.78125
5/16	21/64	.3125	13/16	53/64	.8125
		.328125			.828125
11/32		.34375	27/32		.84375
3/8	23/64	.359375	7/8	55/64	.859375
13/32	25/64	.390625		57/64	.890625
	27/64	.421875	29/32	59/64	.921875
7/16	29/64	.453125	15/16	61/64	.9375
15/32	31/64	.484375	31/32	63/64	.96875
		.5	1		1

WIRE GAUGE	AMERICAN or BROWN AND SHARP DIAMETER INCHES	DIAMETER MILLIMETERS	BIRMINGHAM or STUBS	US STANDARD
1	0.2893	7.348	.300	.281
2	0.2576	6.544	.284	.266
3	0.2294	5.827	.259	.250
4	0.2043	5.189	.238	.234
5	0.1819	4.621	.220	.219
6	0.1620	4.115	.203	.203
7	0.1443	3.665	.180	.188
8	0.1285	3.264	.165	.172
9	0.1144	2.906	.148	.156
10	0.1019	2.588	.134	.141
11	0.0907	2.304	.120	.125
12	0.0808	2.053	.109	.109
13	0.0720	1.829	.095	.0938
14	0.0641	1.628	.083	.0781
15	0.0571	1.450	.072	.0703
16	0.0508	1.291	.065	.0625
17	0.0453	1.150	.058	.0563
18	0.0403	1.024	.049	.0500
19	0.0359	0.9116	.042	.0438
20	0.0320	0.8118	.035	.0375
21	0.0285	0.7230	.032	.0344
22	0.0253	0.6438	.028	.0313
23	0.0226	0.5733	.025	.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	.016	.0172
28	0.0126	0.3211	.014	.0156
29	0.0113	0.2859	.013	.0141
30	0.0100	0.2546	.012	.0125
31	0.0089	0.2268	.010	.0109
32	0.0080	0.2019	.009	.0102
33	0.00708	0.178	.008	.0094
34	0.00630	0.152	.007	.0086
35	0.00561	0.138	.005	.0078
36	0.00500	0.127	.004	.0070
37	0.00445	0.1131	....	.0066
38	0.00397	0.1007	....	.0063
39	0.00353	0.08969	....	.....
40	0.00314	0.07987	....	.....

### INCHES in DECIMALS of a FOOT

1/16	.0052	1	.0833
3/32	.0078	2	.1667
1/8	.0104	3	.2500
3/16	.0156	4	.3333
1/4	.0208	5	.4167
5/16	.0260	6	.5000
3/8	.0313	7	.5833
1/2	.0417	8	.6667
5/8	.0521	9	.7500
3/4	.0625	10	.8333
7/8	.0729	11	.9167

CONDUIT SIZE (I.P.S.)	Approximate No. of Insulated Double Conductor Lengths of Extension					
	Wire - Size Conductor					
	NO. 14	NO. 14 *	NO. 16	NO. 16 **	NO. 20	NO. 24
1/2"	1	2	2	1	7	9
3/4"	3	7	4	2	16	21
1"	5	10	6	4	24	29
1 1/4"	7	14	10	5	35	44
1 1/2"	13	23	13	7	48	69
2"	18	48	20	11	73	95

\* Single Conductor Insulated  
\*\* Three Conductor Insulated