

1/32	1/64	0.015625	33/64	0.515625
	3/64	0.03125	17/32	0.53125
	5/64	0.046875	35/64	0.546875
1/16	7/64	0.0625	9/16	0.5625
	9/64	0.078125	37/64	0.578125
3/32	11/64	0.09375	19/32	0.59375
	13/64	0.109375	39/64	0.609375
1/8	15/64	0.125	5/8	0.625
	17/64	0.140625	41/64	0.640625
5/32	19/64	0.15625	21/32	0.65625
	21/64	0.171875	43/64	0.671875
3/16	23/64	0.1875	11/16	0.6875
	25/64	0.203125	45/64	0.703125
7/32	27/64	0.21875	23/32	0.71875
	29/64	0.234375	47/64	0.734375
1/4	31/64	0.25	3/4	0.75
	33/64	0.265625	49/64	0.765625
9/32	35/64	0.28125	25/32	0.78125
	37/64	0.296875	51/64	0.796875
5/16	39/64	0.3125	13/16	0.8125
	41/64	0.328125	53/64	0.828125
11/32	43/64	0.34375	27/32	0.84375
	45/64	0.359375	55/64	0.859375
3/8	47/64	0.375	7/8	0.875
	49/64	0.390625	57/64	0.890625
13/32	51/64	0.40625	29/32	0.90625
	53/64	0.421875	59/64	0.921875
7/16	55/64	0.4375	15/16	0.9375
	57/64	0.453125	61/64	0.953125
15/32	59/64	0.46875	31/32	0.96875
	61/64	0.484375	63/64	0.984375
1/2	63/64	0.5	1	1

INCHES in DECIMALS of a FOOT

1/16 - 0.0052	1 - 0.0833
3/32 - 0.0078	2 - 0.1667
1/8 - 0.0104	3 - 0.2500
3/16 - 0.0156	4 - 0.3333
1/4 - 0.0208	5 - 0.4167
5/16 - 0.0260	6 - 0.5000
3/8 - 0.0313	7 - 0.5833
1/2 - 0.0417	8 - 0.6667
5/8 - 0.0521	9 - 0.7500
3/4 - 0.0625	10 - 0.8333
7/8 - 0.0729	11 - 0.9167

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

WIRE GAUGE	AMERICAN or BROWN AND SHARP DIAMETER (inches)	DIAMETER MILLIMETERS	BIRMINGHAM or STUBS	US STANDARD
1	0.2893	7.348	0.300	0.281
2	0.2576	6.544	0.284	0.266
3	0.2294	5.827	0.259	0.250
4	0.2043	5.189	0.238	0.234
5	0.1819	4.621	0.220	0.219
6	0.1620	4.115	0.203	0.203
7	0.1443	3.665	0.180	0.188
8	0.1285	3.264	0.165	0.172
9	0.1144	2.906	0.148	0.156
10	0.1019	2.588	0.134	0.141
11	0.0907	2.304	0.120	0.125
12	0.0808	2.053	0.109	0.109
13	0.0720	1.829	0.095	0.0938
14	0.0641	1.628	0.083	0.0781
15	0.0571	1.450	0.072	0.0703
16	0.0508	1.291	0.065	0.0625
17	0.0453	1.150	0.058	0.0563
18	0.0403	1.024	0.049	0.0500
19	0.0359	0.9116	0.042	0.0438
20	0.0320	0.8118	0.035	0.0375
21	0.0285	0.7230	0.032	0.0344
22	0.0253	0.6438	0.028	0.0313
23	0.0226	0.5733	0.025	0.0281
24	0.0201	0.5106	0.022	0.0250
25	0.0179	0.4547	0.020	0.0219
26	0.0159	0.4049	0.018	0.0188
27	0.0142	0.3606	0.016	0.0172
28	0.0126	0.3211	0.014	0.0156
29	0.0113	0.2859	0.013	0.0141
30	0.0100	0.2546	0.012	0.0125
31	0.0089	0.2268	0.010	0.0109
32	0.0080	0.2019	0.009	0.0102
33	0.00708	0.178	0.008	0.0094
34	0.00630	0.152	0.007	0.0086
35	0.00561	0.138	0.005	0.0078
36	0.00500	0.127	0.004	0.0070
37	0.00445	0.1131		0.0066
38	0.00397	0.1007		0.0063
39	0.00353	0.08969		
40	0.00314	0.07987		

CONDUIT SIZE (I.P.S.)	Approximate No. of Insulated Double Conductor Lengths of Extension					
	Wire - Size Conductor					
	NO. 14	NO. 14 ^[1]	NO. 16	NO. 16 ^[2]	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

[1] Single Conductor Insulated

[2] Three Conductor Insulated

