

1/32	1/64	0.015625	17/32	33/64	0.515625
	3/64	0.03125		35/64	0.546875
1/16	5/64	0.0625	9/16	37/64	0.5625
	7/64	0.078125		39/64	0.578125
3/32	9/64	0.09375	19/32	41/64	0.59375
	11/64	0.109375		43/64	0.609375
1/8	13/64	0.125	5/8	45/64	0.625
	15/64	0.140625		47/64	0.640625
5/32	17/64	0.15625	21/32	49/64	0.65625
	19/64	0.171875		51/64	0.671875
	21/64	0.1875	11/16	53/64	0.6875
3/16	23/64	0.203125		55/64	0.703125
	25/64	0.21875	23/32	57/64	0.71875
7/32	27/64	0.234375		59/64	0.734375
	29/64	0.25	3/4	61/64	0.75
1/4	31/64	0.265625		63/64	0.765625
	33/64	0.28125	25/32	65/64	0.78125
9/32	35/64	0.28125		67/64	0.796875
	37/64	0.296875	13/16	69/64	0.8125
5/16	39/64	0.3125		71/64	0.828125
	41/64	0.328125	27/32	73/64	0.84375
11/32	43/64	0.34375		75/64	0.859375
	45/64	0.359375	7/8	77/64	0.875
3/8	47/64	0.375		79/64	0.890625
	49/64	0.390625	29/32	81/64	0.890625
13/32	51/64	0.40625		83/64	0.90625
	53/64	0.421875	15/16	85/64	0.921875
7/16	55/64	0.4375		87/64	0.9375
	57/64	0.453125	31/32	89/64	0.953125
15/32	59/64	0.46875		91/64	0.96875
	61/64	0.484375	1	93/64	0.984375
1/2	63/64	0.5		95/64	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