

**EQUIVALENT TABLES**    Decimal/inches/mm

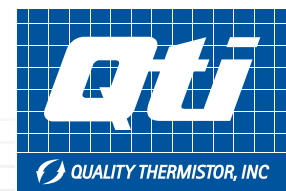
1/64 — .0156    0.396	17/64 — .2656    6.746	33/64 — .5156    13.100	49/64 — .7656    19.446
1/32 — .0312    0.792	9/32 — .2812    7.143	17/32 — .5312    13.492	25/32 — .7812    19.842
3/64 — .0468    1.189	19/64 — .2968    7.541	35/64 — .5468    13.891	51/64 — .7968    20.241
1/16 — .0625    1.588	5/16 — .3125    7.938	9/16 — .5625    14.288	13/16 — .8125    20.637
5/64 — .0781    1.984	21/64 — .3281    8.337	37/64 — .5781    14.684	53/64 — .8281    21.034
3/32 — .0937    2.380	11/32 — .3437    8.730	19/32 — .5937    15.080	27/32 — .8437    21.480
7/64 — .1093    2.779	23/64 — .3593    9.129	39/64 — .6093    15.479	55/64 — .8593    21.828
1/8 — .125    3.175	3/8 — .375    9.525	5/8 — .625    15.875	7/8 — .875    22.225
9/64 — .1406    3.571	25/64 — .3906    9.921	41/64 — .6406    16.271	57/64 — .8906    22.620
5/32 — .1562    3.968	13/32 — .4062    10.317	21/32 — .6562    16.667	29/32 — .9062    23.017
11/64 — .1718    4.366	27/64 — .4218    10.716	43/64 — .6718    17.066	59/64 — .9218    23.416
3/16 — .1875    4.763	7/16 — .4375    11.113	11/16 — .6875    17.463	15/16 — .9375    23.810
13/64 — .2031    5.159	29/64 — .4531    11.509	45/64 — .7031    17.859	61/64 — .9531    24.208
7/32 — .2187    5.555	15/32 — .4687    11.905	23/32 — .7187    18.255	31/32 — .9687    24.605
15/64 — .2343    5.954	31/64 — .4843    12.304	47/64 — .7343    18.654	63/64 — .9843    25.001
1/4 — .25    6.350	1/2 — .5    12.700	3/4 — .75    12.700	1 — 1.    25.400

Standard Stud Size U.S. (metric)	Stud Diameter In. (mm)	Terminal Hole Dia. In. (mm)
#2 (M2)	.0866 (2.18)	.090 (2.29)
#4 (M2,5)	.112 (2.84)	.118 (3.00)
#5 (M3)	.125 (3.18)	.127 (3.23)
#6 (M3,5)	.138 (3.51)	.146 (3.71)
#8 (M4)	.164 (4.17)	.173 (4.39)
#10 (M5)	.190 (4.83)	.198 (5.03)
1/4" (M6)	.250 (6.35)	.270 (6.86)
5/16" (M8)	.312 (7.92)	.330 (8.38)
3/8" (M10)	.375 (9.53)	.385 (9.78)
1/2" (M12)	.500 (12.7)	.520 (13.21)
5/8" (M16)	.625 (15.88)	.650 (16.51)
3/4" (M18)	.750 (19.05)	.810 (20.57)

Size	Diameter Inches	Diameter mm	Ohms per 1000 ft	Ohms per km
20 AWG	0.032	0.813	10.15	33.29
21 AWG	0.029	0.724	12.80	41.98
22 AWG	0.025	0.645	16.14	52.94
23 AWG	0.023	0.574	20.36	66.78
24 AWG	0.020	0.511	25.67	84.20
25 AWG	0.018	0.455	32.37	106.17
26 AWG	0.016	0.404	40.81	133.86
27 AWG	0.014	0.361	51.47	168.82
28 AWG	0.013	0.320	64.90	212.87
29 AWG	0.011	0.287	81.83	268.40
30 AWG	0.010	0.254	103.20	338.50
31 AWG	0.009	0.226	130.10	426.73
32 AWG	0.008	0.203	164.10	538.25
33 AWG	0.007	0.180	206.90	678.63
34 AWG	0.006	0.160	260.90	855.75
35 AWG	0.006	0.142	329.00	1,079.12
36 AWG	0.005	0.127	414.80	1,360.00
37 AWG	0.005	0.114	523.10	1,715.00
38 AWG	0.004	0.102	659.60	2,163.00
2.0 mm	0.008	0.200	169.39	555.61
1.8 mm	0.007	0.180	207.50	680.55
1.6 mm	0.006	0.160	260.90	855.75
1.4 mm	0.006	0.140	339.00	1,114.00
1.25 mm	0.005	0.125	428.20	1,404.00
1.12 mm	0.004	0.112	533.80	1,750.00

2108 Century Way, Boise, ID | (800) 554-4784 | qtisales@thermistor.com

Custom Temperature Probes | Design Services | Assembly Services | NASA & Military Qualified Test Lab



www.thermistor.com