

# DECIMAL EQUIVALENT CHART

Fractional, Number, Wire, and Metric Sizes Recommended  
Tap Drill Sizes for approximately 75% Thread



METRIC - GREEN    FRACTIONAL - RED    WIRE GAGE - PURPLE    LETTER SIZE - BLUE

DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES
0.3mm	.0118	1.75mm	.0689	4.1mm	.1614	L	.2900	33/64	.5156
0.32mm	.0126	50	.0700	4.2mm	.1654	7.4mm	.2913	13.2mm	.5197
80	.0135	1.8mm	.0709	19	.1660	M	.2950	17/32	.5312
0.35mm	.0138	1.85mm	.0728	4.3mm	.1693	7.5mm	.2953	13.5mm	.5315
79	.0145	49	.0730	18	.1695	19/64	.2969	13.8mm	.5433
0.38mm	.0150	1.9mm	.0748	11/64	.1719	7.6mm	.2992	35/64	.5469
1/64	.0156	48	.0760	17	.1730	N	.3020	14.0mm	.5512
0.4mm	.0157	1.95mm	.0768	4.4mm	.1732	7.7mm	.3031	14.25mm	.5610
78	.0160	5/64	.0781	16	.1770	7.8mm	.3071	9/16	.5625
0.42mm	.0165	47	.0785	4.5mm	.1772	7.9mm	.3110	14.5mm	.5709
0.45mm	.0177	2.0mm	.0787	15	.1800	5/16	.3125	37/64	.5781
77	.0180	2.05mm	.0807	4.6mm	.1811	8.0mm	.3150	14.75mm	.5807
0.48mm	.0189	46	.0810	14	.1820	O	.3160	15.0mm	.5906
0.5mm	.0197	45	.0820	4.7mm	.1850	8.1mm	.3189	19/32	.5938
76	.0200	2.1mm	.0827	3/16	.1875	8.2mm	.3228	15.25mm	.6004
75	.0210	2.15mm	.0846	4.8mm	.1890	P	.3230	39/64	.6094
0.55mm	.0217	44	.0860	11	.1910	8.3mm	.3268	15.5mm	.6102
74	.0225	2.2mm	.0866	4.9mm	.1929	21/64	.3281	15.75mm	.6201
0.6mm	.0236	2.25mm	.0886	10	.1935	8.4mm	.3307	5/8	.6250
73	.0240	43	.0890	9	.1960	Q	.3320	16.0mm	.6299
0.62mm	.0244	2.3mm	.0906	5.0mm	.1969	8.5mm	.3346	16.25mm	.6398
72	.0250	2.35mm	.0925	8	.1990	8.6mm	.3386	41/64	.6406
0.65mm	.0256	42	.0935	5.1mm	.2008	R	.3390	16.5mm	.6496
71	.0260	3/32	.0938	7	.2010	8.7mm	.3425	21/32	.6562
0.7mm	.0276	2.4mm	.0945	13/64	.2031	11/32	.3438	16.75mm	.6594
70	.0280	41	.0960	6	.2040	8.8mm	.3465	17.0mm	.6693
69	.0292	2.45mm	.0965	5.2mm	.2047	S	.3480	43/64	.6719
0.75mm	.0295	40	.0980	5	.2055	8.9mm	.3504	17.25mm	.6791
68	.0310	2.5mm	.0984	5.3mm	.2087	9.0mm	.3543	11/16	.6875
1/32	.0312	39	.0995	4	.2090	T	.3580	17.5mm	.6890
0.8mm	.0315	38	.1015	5.4mm	.2126	9.1mm	.3583	45/64	.7031
67	.0320	2.6mm	.1024	3	.2130	23/64	.3594	18.0mm	.7087
66	.0330	37	.1040	5.5mm	.2165	9.2mm	.3622	23/32	.7188
0.85mm	.0335	2.7mm	.1063	7/32	.2188	9.3mm	.3661	18.5mm	.7283
65	.0350	36	.1065	5.6mm	.2205	U	.3680	47/64	.7344
0.9mm	.0354	7/64	.1094	2	.2210	9.4mm	.3701	19.0mm	.7480
64	.0360	35	.1100	5.7mm	.2244	9.5mm	.3740	3/4	.7500
63	.0370	2.8mm	.1102	1	.2280	3/8	.3750	49/64	.7656
0.95mm	.0374	34	.1110	5.8mm	.2283	V	.3770	19.5mm	.7677
62	.0380	33	.1130	5.9mm	.2323	9.6mm	.3780	25/32	.7812
61	.0390	2.9mm	.1142	A	.2340	9.7mm	.3819	20.0mm	.7874
1.0mm	.0394	32	.1160	15/64	.2344	9.8mm	.3858	51/64	.7969
60	.0400	3.0mm	.1181	6.0mm	.2362	W	.3860	20.5mm	.8071
59	.0410	31	.1200	B	.2380	9.9mm	.3898	13/16	.8125
1.05mm	.0413	3.1mm	.1220	6.1mm	.2402	25/64	.3906	21.0mm	.8268
58	.0420	1/8	.1250	C	.2420	10.0mm	.3937	53/64	.8281
57	.0430	3.2mm	.1260	6.2mm	.2441	X	.3970	27/32	.8438
1.1mm	.0433	30	.1285	D	.2460	10.2mm	.4016	21.5mm	.8465
1.15mm	.0453	3.3mm	.1299	6.3mm	.2480	Y	.4040	55/64	.8594
56	.0465	3.4mm	.1339	1/4	.2500	13/32	.4062	22.0mm	.8661
3/64	.0469	29	.1360	6.4mm	.2520	Z	.4130	7/8	.8750
1.2mm	.0472	3.5mm	.1378	6.5mm	.2559	10.5mm	.4134	22.5mm	.8858
1.25mm	.0492	28	.1405	F	.2570	27/64	.4219	57/64	.8906
1.3mm	.0512	9/64	.1406	6.6mm	.2598	10.8mm	.4252	23.0mm	.9055
55	.0520	3.6mm	.1417	G	.2610	11.0mm	.4331	29/32	.9062
1.35mm	.0531	27	.1440	6.7mm	.2638	7/16	.4375	59/64	.9219
54	.0550	3.7mm	.1457	17/64	.2656	11.2mm	.4409	23.5mm	.9252
1.4mm	.0551	26	.1470	H	.2660	11.5mm	.4528	15/16	.9375
1.45mm	.0571	25	.1495	6.8mm	.2677	29/64	.4531	24.0mm	.9449
1.5mm	.0591	3.8mm	.1496	6.9mm	.2717	11.8mm	.4646	61/64	.9531
53	.0595	24	.1520	I	.2720	15/32	.4688	24.5mm	.9646
1.55mm	.0610	3.9mm	.1535	7.0mm	.2756	12.0mm	.4724	31/32	.9688
1/16	.0625	23	.1540	J	.2770	12.2mm	.4803	25.0mm	.9843
1.6mm	.0630	5/32	.1562	7.1mm	.2795	31/64	.4844	63/64	.9844
52	.0635	22	.1570	K	.2810	12.5mm	.4921	1"	1.0000
1.65mm	.0650	4.0mm	.1575	9/32	.2812	1/2	.5000		
1.7mm	.0669	21	.1590	7.2mm	.2835	12.8mm	.5039		
51	.0670	20	.1610	7.3mm	.2874	13.0mm	.5118		