

DECIMALS EQUIVALENTS

fraction, wire gage, letter and metric

SIZES	DECIMAL INCHES	SIZES	DECIMAL INCHES	SIZES	DECIMAL INCHES	SIZES	DECIMAL INCHES
80	.0135	54	.0550	2.8mm	.1102	3/16	.1875
.35mm	.0138	1.4mm	.0551	34	.1110	4.8mm	.1890
79	.0145	1.45mm	.0571	33	.1130	12	.1890
1/64	.0156	1.5mm	.0591	2.9mm	.1142	11	.1910
.4mm	.0157	53	.0595	32	.1160	4.9mm	.1929
78	.0160	1.55mm	.0610	3mm	.1181	10	.1935
.45mm	.0177	1/16	.0625	31	.1200	9	.1960
77	.0180	1.6mm	.0630	3.1mm	.1220	5mm	.1969
.5mm	.0197	52	.0635	1/8	.1250	8	.1990
76	.0200	1.65mm	.0650	3.2mm	.1260	5.1mm	.2008
75	.0210	1.7mm	.0669	3.25mm	.1280	7	.2010
.55mm	.0217	51	.0670	30	.1285	13/64	.2031
74	.0225	1.75mm	.0689	3.3mm	.1299	6	.2040
.6mm	.0236	50	.0700	3.4mm	.1339	5.2mm	.2047
73	.0240	1.8mm	.0709	29	.1360	5	.2055
72	.0250	1.85mm	.0728	3.5mm	.1378	5.25mm	.2067
.65mm	.0256	49	.0730	28	.1405	5.3mm	.2087
71	.0260	1.9mm	.0748	9/64	.1406	4	.2090
.7mm	.0276	48	.0760	3.6mm	.1417	5.4mm	.2126
70	.0280	1.95mm	.0768	27	.1440	3	.2130
69	.0292	5/64	.0781	3.7mm	.1457	5.5mm	.2165
.75mm	.0295	47	.0785	26	.1470	7/32	.2188
68	.0310	2mm	.0787	3.75mm	.1476	5.6mm	.2205
1/32	.0312	2.05mm	.0807	25	.1495	2	.2210
.8mm	.0315	46	.0810	3.8mm	.1496	5.7mm	.2244
67	.0320	45	.0820	24	.1520	5.75mm	.2264
66	.0330	2.1mm	.0827	3.9mm	.1535	1	.2280
.85mm	.0335	2.15mm	.0846	23	.1540	5.8mm	.2283
65	.0350	44	.0860	5/32	.1562	5.9mm	.2323
.9mm	.0354	2.2mm	.0866	22	.1570	A	.2340
64	.0360	2.25mm	.0886	4mm	.1575	15/64	.2344
63	.0370	43	.0890	21	.1590	6mm	.2362
.95mm	.0374	2.3mm	.0906	20	.1610	B	.2380
62	.0380	2.35mm	.0925	4.1mm	.1614	6.1mm	.2402
61	.0390	42	.0935	4.2mm	.1654	C	.2420
1mm	.0394	3/32	.0938	19	.1660	6.2mm	.2441
60	.0400	2.4mm	.0945	4.25mm	.1673	D	.2460
59	.0410	41	.0960	4.3mm	.1693	6.25mm	.2461
1.05mm	.0413	2.45mm	.0965	18	.1695	6.3mm	.2480
58	.0420	40	.0980	11/64	.1719	E	.2500
57	.0430	2.5mm	.0984	17	.1730	1/4	.2500
1.1mm	.0433	39	.0995	4.4mm	.1732	6.4mm	.2520
1.15mm	.0453	38	.1015	16	.1770	6.5mm	.2559
56	.0465	2.6mm	.1024	4.5mm	.1772	F	.2570
3/64	.0469	37	.1040	15	.1800	6.6mm	.2598
1.2mm	.0472	2.7mm	.1063	4.6mm	.1811	G	.2610
1.25mm	.0492	36	.1065	14	.1820		
1.3mm	.0512	2.75mm	.1083	13	.1850		
55	.0520	7/64	.1094	4.7mm	.1850		
1.35mm	.0531	35	.1100	4.75mm	.1870		

**Matheny
Services**

McMinnville, TN 37110
Phone: (931) 473-7334

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SIZES	DECIMAL INCHES	SIZES	DECIMAL INCHES	SIZES	DECIMAL INCHES	SIZES	DECIMAL INCHES
6.7mm	.2638	21/64	.3281	13/32	.4062	17.5mm	.6890
17/64	.2656	8.4mm	.3307	Z	.4130	45/64	.7031
6.75mm	.2657	Q	.3320	10.5mm	.4134	18mm	.7087
H	.2660	8.5mm	.3346	27/64	.4219	23/32	.7188
6.8mm	.2677	8.6mm	.3386	11mm	.4331	18.5mm	.7283
6.9mm	.2717	R	.3390	7/16	.4375	47/64	.7344
I	.2720	8.7mm	.3425	11.5mm	.4528	19mm	.7480
7mm	.2756	11/32	.3438	29/64	.4531	3/4	.7500
J	.2770	8.75mm	.3445	15/32	.4688	49/64	.7656
7.1	.2795	8.8mm	.3465	12mm	.4724	19.5mm	.7677
K	.2810	S	.3480	31/64	.4844	25/32	.7812
9/32	.2812	8.9mm	.3504	12.5mm	.4921	20mm	.7874
7.2mm	.2835	9mm	.3543	1/2	.5000	51/64	.7969
7.25mm	.2854	T	.3580	13mm	.5118	20.5mm	.8071
7.3mm	.2874	9.1mm	.3583	33/64	.5156	13/16	.8125
L	.2900	23/64	.3594	17/32	.5312	21mm	.8268
7.4mm	.2913	9.2mm	.3622	13.5mm	.5315	53/64	.8281
M	.2950	9.25mm	.3642	35/64	.5469	27/32	.8438
7.5mm	.2953	9.3mm	.3661	14mm	.5512	21.5mm	.8465
19/64	.2969	U	.3680	9/16	.5625	55/64	.8594
7.6mm	.2992	9.4mm	.3701	14.5mm	.5709	22mm	.8661
N	.3020	9.5mm	.3740	37/64	.5781	7/8	.8750
7.7mm	.3031	3/8	.3750	15mm	.5906	22.5mm	.8858
7.75mm	.3061	V	.3770	19/32	.5938	57/64	.8906
7.8mm	.3071	9.6mm	.3780	39/64	.6094	23mm	.9055
7.9mm	.3110	9.7mm	.3819	15.5mm	.6102	29/32	.9062
5/16	.3125	9.75mm	.3839	5/8	.6250	59/64	.9219
8mm	.3150	9.8mm	.3858	16mm	.6299	23.5mm	.9252
O	.3160	W	.3860	41/64	.6406	15/16	.9375
8.1mm	.3189	9.9mm	.3898	16.5mm	.6496	24mm	.9449
8.2mm	.3228	25/64	.3906	21/32	.6562	61/64	.9531
P	.3230	10mm	.3937	17mm	.6693	24.5mm	.9646
8.25mm	.3248	X	.3970	43/64	.6719	31/32	.9688
8.3mm	.3268	Y	.4040	11/16	.6875	25mm	.9843
						63/64	.9844

FRACTIONAL TAP DRILL SIZES

TAP SIZE	DRILL	TAP SIZE	DRILL	TAP SIZE	DRILL	TAP SIZE	DRILL
1/4-20	7	3/8-24	Q	9/16-12	31/64	3/4-16	11/16
1/4-28	3	7/16-14	U	9/16-18	33/64	7/8-9	49/64
5/16-18	F	7/16-20	25/64	5/8-11	17/32	7/8-14	13/16
5/16-24	I	1/2-13	27/64	5/8-18	37/64	1-8	7/8
3/8-16	5/16	1/2-20	29/64	3/4-10	21/32	1-12	59/64

PIPE TAP DRILL SIZES

TAP SIZE	DRILL	TAP SIZE	DRILL	TAP SIZE	DRILL	TAP SIZE	DRILL
1/8-27	Q	3/8-18	9/16	3/4-14	29/32	1¼-11½	1-31/64
1/4-18	7/16	1/2-14	45/64	1-11½	1-9/64	1½-11½	1-47/64

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