

DECIMAL & METRIC EQUIVALENTS FOR FRACTIONS, SCREWS, AND WIRE & LETTER DRILLS - INFOCHIMPS.ORG

Sz	Dec	mm	Sz	Dec	mm	Tap	Sz	Dec	mm	Tap	Sz	Dec	mm	Tap	Sz	Dec	mm	Sz	Dec	mm	
	.0020	.050		.0413	1.05		33	.1130	2.87	6-40											
	.0039	.100	58	.0420	1.07			.1142	2.90		3	.2130	5.41	1/4-28		.3465	8.80		.5217	13.25	
97	.0059	.150	57	.0430	1.09		32	.1160	2.95		#12 scrw	.2160	5.49		S	.3480	8.84		.5236	13.30	
96	.0063	.160		.0433	1.10			.1181	3.00			.2165	5.50			.3504	8.90		.5276	13.40	
95	.0067	.170		.0453	1.15			.1200	3.05		7/32	.2188	5.56			.3543	9.00	17/32	.5313	13.49	
94	.0071	.180		.0465	1.18		31	.1200	3.05			.2205	5.60		T	.3580	9.09		.5315	13.50	
93	.0075	.191	3/64	.0469	1.19	0-80		.1220	3.10		2	.2210	5.61			.3583	9.10		.5354	13.60	
92	.0079	.201		.0472	1.20		1/8	.1250	3.18			.2244	5.70		23/64	.3594	9.13		.5394	13.70	
91	.0083	.211		.0492	1.25		#5 scrw	.1250	3.18			.2264	5.75			.3622	9.20		.5413	13.75	
90	.0087	.221		.0512	1.30			.1260	3.20		1	.2280	5.79			.3642	9.25		.5433	13.80	
89	.0091	.231	55	.0520	1.32		30	.1285	3.26	M4		.2283	5.80			.3661	9.30	35/64	.5469	13.89	
	.0094	.239		.0531	1.35			.1299	3.30			.2323	5.90		U	.3680	9.35	7/16-14	.5472	13.90	
88	.0095	.241	54	.0550	1.40			.1339	3.40		A	.2340	5.94			.3701	9.40		.5512	14.00	
	.0098	.249		.0551	1.40		29	.1360	3.45	8-32,	15/64	.2344	5.95			.3740	9.50		.5610	14.25	
87	.0100	.254		.0571	1.45			.1378	3.50	8-36		.2362	6.00		3/8	.3750	9.53	9/16	.5625	14.29	
	.0102	.259		.0591	1.50			.1380	3.51		B	.2380	6.05		V	.3770	9.58		.5709	14.50	
86	.0105	.267	53	.0595	1.51	1-64,	#6 scrw	.1380	3.51			.2402	6.10			.3780	9.60	37/64	.5781	14.68	
	.0106	.269				1-72		.1405	3.57		C	.2420	6.15			.3819	9.70		.5807	14.75	
85	.0110	.279	#0 scrw	.0600	1.52		28	.1405	3.57			.2441	6.20			.3839	9.75		.5906	15.00	
	.0114	.290		.0610	1.55		9/64	.1406	3.57		D	.2460	6.25			.3858	9.80	19/32	.5938	15.08	
84	.0115	.292	1/16	.0625	1.59			.1417	3.60			.2461	6.25		W	.3860	9.80		.6004	15.25	
	.0118	.300		.0630	1.60		27	.1440	3.66			.2480	6.30			.3898	9.90	39/64	.6094	15.48	
83	.0120	.305	52	.0635	1.61			.1457	3.70		E	.2500	6.35		25/64	.3906	9.92	7/16-20	.6102	15.50	
82	.0125	.318		.0650	1.65		26	.1470	3.73		1/4	.2500	6.35			.3937	10.00		.6201	15.75	
	.0126	.320		.0669	1.70			.1476	3.75			.2520	6.40		X	.3970	10.08	5/8	.6250	15.88	
81	.0130	.330	51	.0670	1.70		25	.1495	3.80	10-24		.2559	6.50			.3976	10.10		.6299	16.00	
	.0134	.340		.0689	1.75			.1496	3.80		F	.2570	6.53	5/16-18		.4016	10.20		.6398	16.25	
80	.0135	.343	50	.0700	1.78	2-64,	24	.1520	3.86			.2598	6.60			.4035	10.25	41/64	.6406	16.27	
	.0138	.351				2-56		.1535	3.90		G	.2610	6.63		Y	.4040	10.26		.6496	16.50	
	.0142	.361		.0709	1.80		23	.1540	3.91			.2638	6.70			.4055	10.30	21/32	.6563	16.67	
79	.0145	.368		.0728	1.85		5/32	.1563	3.97		17/64	.2656	6.75	M8	13/32	.4063	10.32	M12	.6594	16.75	
	.0150	.381		.0730	1.85		22	.1570	3.99			.2657	6.75			.4094	10.40		.6693	17.00	
1/64	.0156	.397	#1 scrw	.0730	1.85			.1575	4.00		H	.2660	6.76		Z	.4130	10.49	43/64	.6719	17.07	
	.0157	.400		.0748	1.90		21	.1590	4.04	10-32		.2677	6.80			.4134	10.50		.6791	17.25	
78	.0160	.406	48	.0760	1.93		20	.1610	4.09			.2717	6.90			.4173	10.60	11/16	.6875	17.46	
	.0165	.420		.0768	1.95			.1614	4.10		I	.2720	6.91	5/16-24		.4213	10.70		.6890	17.50	
	.0173	.440	5/64	.0781	1.98		#8 scrw	.1640	4.17			.2756	7.00		27/64	.4219	10.72	1/2-13	.7031	17.86	
	.0177	.450		.0785	1.99	3-48		.1654	4.20		J	.2770	7.04			.4232	10.75		.7087	18.00	
77	.0180	.457	47	.0787	2.00		19	.1660	4.22	M5		.2795	7.10			.4252	10.80	23/32	.7188	18.26	
	.0181	.460		.0807	2.05			.1673	4.25		K	.2810	7.14			.4291	10.90		.7283	18.50	
	.0189	.480	46	.0810	2.06			.1693	4.30		9/32	.2813	7.14			.4331	11.00	47/64	.7344	18.65	
	.0197	.500	45	.0820	2.08	3-56	18	.1695	4.31			.2835	7.20			.4370	11.10		.7480	19.00	
76	.0200	.508		.0827	2.10		11/64	.1719	4.37			.2854	7.25		7/16	.4375	11.11	3/4	.7500	19.05	
	.0210	.533		.0846	2.15		17	.1730	4.39			.2874	7.30			.4409	11.20	49/64	.7656	19.45	
	.0217	.550	44	.0860	2.18			.1732	4.40		L	.2900	7.37			.4429	11.25		.7677	19.50	
74	.0225	.572	#2 scrw	.0860	2.18		16	.1770	4.50	12-24		.2913	7.40			.4449	11.30	25/32	.7813	19.84	
	.0236	.600		.0866	2.20			.1772	4.50		M	.2950	7.49			.4488	11.40		.7874	20.00	
73	.0240	.610		.0886	2.25		15	.1800	4.57			.2953	7.50			.4528	11.50	51/64	.7969	20.24	
72	.0250	.635	43	.0890	2.26	4-40		.1811	4.60		19/64	.2969	7.54		29/64	.4531	11.51	1/2-20	.8071	20.50	
	.0256	.650		.0906	2.30		14	.1820	4.62	12-28		.2992	7.60			.4567	11.60	13/16	.8125	20.64	
71	.0260	.660		.0925	2.35		13	.1850	4.70		N	.3020	7.67			.4606	11.70		.8268	21.00	
	.0276	.700	42	.0935	2.37	4-48		.1870	4.75			.3031	7.70			.4626	11.75	53/64	.8281	21.03	
70	.0280	.711	3/32	.0938	2.38		3/16	.1875	4.76			.3051	7.75			.4646	11.80	27/32	.8438	21.43	
	.0292	.742		.0945	2.40			.1890	4.80			.3071	7.80			.4685	11.90		.8465	21.50	
	.0295	.750	41	.0960	2.44		12	.1890	4.80			.3110	7.90		15/32	.4688	11.91	M14	.8594	21.83	
68	.0310	.787		.0965	2.45		#10 scrw	.1900	4.83		5/16	.3125	7.94	3/8-16		.4724	12.00		.8661	22.00	
1/32	.0313	.794		.0980	2.49			.1910	4.85			.3150	8.00			.4764	12.10	7/8	.8750	22.23	
	.0315	.800		.0984	2.50			.1929	4.90		O	.3160	8.03			.4803	12.20		.8858	22.50	
67	.0320	.813	#3 scrw	.0990	2.51		10	.1935	4.91			.3189	8.10			.4823	12.25	57/64	.8906	22.62	
66	.0330	.838		.0995	2.53	M3	9	.1960	4.98	M6		.3228	8.20			.4843	12.30		.9055	23.00	
	.0335	.850		.1015	2.58	5-40		.1969	5.00		P	.3230	8.20		31/64	.4844	12.30	9/16-12	.9063	23.02	
65	.0350	.889		.1024	2.60		8	.1990	5.05			.3248	8.25			.4882	12.40	59/64	.9219	23.42	
	.0354	.900	37	.1040	2.64	5-44		.2008	5.10			.3268	8.30			.4921	12.50		.9252	23.50	
64	.0360	.914		.1063	2.70		7	.2010	5.11	1/4-20	21/64	.3281	8.33			.4961	12.60	15/16	.9375	23.81	
	.0370	.940		.1065	2.71	6-32	13/64	.2031	5.16			.3307	8.40		1/2	.5000	12.70		.9449	24.00	
	.0374	.950	36	.1083	2.75		6	.2040	5.18		Q	.3320	8.43	3/8-24		.5020	12.75	61/64	.9531	24.21	
62	.0380	.965		.1083	2.75			.2047	5.20			.3346	8.50			.5039	12.80		.9646	24.50	
	.0390	.991	7/64	.1094	2.78		5	.2055	5.22			.3386	8.60			.5079	12.90	31/32	.9688	24.61	
	.0394	1.00		.1100	2.79			.2067	5.25		R	.3390	8.61	M10		.5118	13.00		.9843	25.00	
60	.0400	1.02		.1102	2.80			.2087	5.30			.3425	8.70		33/64	.5156	13.10	9/16-18	.9844	25.00	
59	.0410	1.04	#4 scrw	.1120	2.84		4	.2090	5.31		11/32	.3438	8.73			.5197	13.20		1	1.0000	25.40
				.2126	5.40							.3445	8.75								

Inches times 25.4 gives mm (1 in = 25.40 mm); mm times 0.03937 gives inches (1 mm = 0.03937 in). Ex: 7/32 = .219 *25.40 = 5.56 mm.