

# DRILL SIZE DECIMAL EQUIVALENT & TAP DRILL CHART

## DECIMAL EQUIVALENT CHART

DRILL SIZE	MM	DECIMAL EQUIVALENT	DRILL SIZE	MM	DECIMAL EQUIVALENT	DRILL SIZE	MM	DECIMAL EQUIVALENT	DRILL SIZE	MM	DECIMAL EQUIVALENT	DRILL SIZE	MM	DECIMAL EQUIVALENT
—	0.10	.0039	53	1.51	.0595	—	4.00	.1575	J	7.04	.2770	—	14.00	.5512
—	0.20	.0079	1/16	1.59	.0625	21	4.04	.1590	K	7.14	.2810	9/16	14.29	.5625
—	0.25	.0098	52	1.61	.0635	20	4.09	.1610	9/32	7.14	.2812	37/64	14.68	.5781
—	0.30	.0118	51	1.70	.0670	19	4.22	.1660	L	7.37	.2900	—	15.00	.5906
80	0.34	.0135	50	1.78	.0700	18	4.31	.1695	M	7.49	.2950	19/32	15.08	.5938
79	0.37	.0145	49	1.85	.0730	11/64	4.37	.1719	19/64	7.54	.2969	39/64	15.48	.6094
1/64	0.40	.0156	48	1.93	.0760	17	4.39	.1730	N	7.67	.3020	5/8	15.88	.6250
78	0.41	.0160	5/64	1.98	.0781	16	4.50	.1770	5/16	7.94	.3125	—	16.00	.6299
77	0.46	.0180	47	1.99	.0785	15	4.57	.1800	—	8.00	.3150	41/64	16.27	.6406
—	0.50	.0197	—	2.00	.0787	14	4.62	.1820	O	8.03	.3160	21/32	16.67	.6562
76	0.51	.0200	46	2.06	.0810	13	4.70	.1850	P	8.20	.3230	—	17.00	.6693
75	0.53	.0210	45	2.08	.0820	3/16	4.76	.1875	21/64	8.33	.3281	43/64	17.07	.6719
74	0.57	.0225	44	2.18	.0860	12	4.80	.1890	Q	8.43	.3320	11/16	17.46	.6875
—	0.60	.0236	43	2.26	.0890	11	4.85	.1910	R	8.61	.3390	45/64	17.86	.7031
73	0.61	.0240	42	2.37	.0935	10	4.91	.1935	11/32	8.73	.3438	—	18.00	.7087
72	0.64	.0250	3/32	2.38	.0938	9	4.98	.1960	S	8.84	.3480	23/32	18.26	.7188
71	0.66	.0260	41	2.44	.0960	—	5.00	.1968	—	9.00	.3543	47/64	18.65	.7344
—	0.70	.0276	40	2.50	.0980	8	5.05	.1990	T	9.09	.3580	—	19.00	.7480
70	0.71	.0280	39	2.53	.0995	7	5.11	.2010	23/64	9.13	.3594	3/4	19.05	.7500
69	0.74	.0292	38	2.58	.1015	13/64	5.16	.2031	U	9.35	.3680	49/64	19.45	.7666
—	0.75	.0295	37	2.64	.1040	6	5.18	.2040	3/8	9.53	.3750	25/32	19.84	.7812
68	0.79	.0310	36	2.71	.1065	5	5.22	.2055	V	9.56	.3770	—	20.00	.7874
1/32	0.79	.0313	7/64	2.78	.1094	4	5.31	.2090	W	9.80	.3860	51/64	20.24	.7969
—	0.80	.0315	35	2.79	.1100	3	5.41	.2130	25/64	9.92	.3906	13/16	20.64	.8125
67	0.81	.0320	34	2.82	.1110	7/32	5.56	.2188	—	10.00	.3937	—	21.00	.8268
66	0.84	.0330	33	2.87	.1130	2	5.61	.2210	X	10.08	.3970	53/64	21.03	.8281
65	0.89	.0350	32	2.95	.1160	1	5.79	.2280	Y	10.26	.4040	27/32	21.43	.8438
—	0.90	.0354	—	3.00	.1181	A	5.94	.2340	13/32	10.32	.4062	55/64	21.84	.8594
64	0.91	.0360	31	3.05	.1200	15/64	5.95	.2344	Z	10.49	.4130	—	22.00	.8661
63	0.94	.0370	1/8	3.18	.1250	—	6.00	.2362	27/64	10.72	.4219	7/8	22.23	.8750
62	0.97	.0380	30	3.26	.1285	B	6.05	.2380	—	11.00	.4331	57/64	22.62	.8906
61	0.99	.0390	29	3.45	.1360	C	6.15	.2420	7/16	11.11	.4375	—	23.00	.9055
—	1.00	.0394	28	3.57	.1405	D	6.25	.2460	29/64	11.51	.4531	29/32	23.02	.9062
60	1.02	.0400	9/64	3.57	.1406	1/4	6.35	.2500	15/32	11.91	.4688	59/64	23.42	.9219
59	1.04	.0410	27	3.66	.1440	E	6.35	.2500	—	12.00	.4724	15/16	23.81	.9375
58	1.07	.0420	26	3.73	.1470	F	6.53	.2570	31/64	12.30	.4844	—	24.00	.9449
57	1.09	.0430	25	3.80	.1495	G	6.63	.2610	1/2	12.70	.5000	61/64	24.21	.9531
56	1.18	.0465	24	3.86	.1520	17/64	6.75	.2656	—	13.00	.5118	31/32	24.61	.9688
3/64	1.19	.0469	23	3.91	.1540	H	6.76	.2660	33/64	13.10	.5156	—	25.00	.9842
55	1.32	.0520	5/32	3.97	.1562	I	6.91	.2720	17/32	13.49	.5312	63/64	25.00	.9844
54	1.40	.0550	22	3.99	.1570	—	7.00	.2756	35/64	13.89	.5469	1"	25.40	1.0000

## TAP DRILL CHART

TAP SIZE	DRILL SIZE	PROBABLE % THREAD	TAP SIZE	DRILL SIZE	PROBABLE % THREAD	TAP SIZE	DRILL SIZE	PROBABLE % THREAD
0-80	3/64	71-81	10-32	21	68-76	5/8-18	37/64	58-65
M1.6x.35	1.25mm	67-77	M5x.8	4.2mm	69-77	M16x2	35/64	76-81
1-64	53	59-67	12-24	17	66-72	3/4-10	21/32	68-72
M2x.4	1/16	72-79	12-28	15	70-78	3/4-16	11/16	71-77
1-72	53	67-75	M6x1	10	76-84	M20x2.5	11/16	74-78
2-56	51	62-69	1/4-20	7	70-75	7/8-9	49/64	72-76
2-64	50	70-79	1/4-28	3	72-80	7/8-14	13/16	62-67
M2.5x.45	2.05mm	69-77	5/16-18	F	72-77	M24x3	53/64	72-76
3-48	5/64	70-77	5/16-24	I	67-75	1-8	7/8	73-77
3-56	46	69-78	M8x1.25	6.7mm	74-80	1-12	59/64	67-72
4-40	44	65-71	3/8-16	5/16	72-77	1-14	15/16	61-67
4-48	42	61-68	3/8-24	Q	71-79	1-1/8-7	63/64	72-76
M8x.5	40	70-79	M10x1.5	8.4mm	76-82	1/18-12	1-3/64	66-72
5-40	39	65-72	7/16-14	U	70-75	M80x3.5	1-3/64	75
5-44	38	63-71	7/16-20	25/64	65-72	1-1/4-7	1-7/64	76
M8.5x.6	33	72-81	M12x1.75	13/32	69-74	1-1/4-12	1-11/64	72
6-32	36	71-78	1/2-13	27/64	73-78	1-3/8-6	1-7/32	72
6-40	33	69-77	1/2-20	29/64	65-72	1-3/8-12	1-19/64	72
M4x.7	3.25mm	74-82	M14x2	15/32	76-81	M86x4	1-1/4	82
8-32	29	62-69	9/16-12	31/64	68-72	1-1/2-6	1-11/32	72
8-36	29	70-78	9/16-18	33/64	58-65	1-1/2-12	1-27/64	72
10-24	25	69-75	5/8-11	17/32	75-79			

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