

Decimal Equivalent Chart

Drill Size	MM	Decimal Inches	Drill Size	MM	Decimal Inches	Drill Size	MM	Decimal Size	Drill Size	MM	Decimal Inches
	0.10	0.0039	45	2.08	0.0820	5	5.22	0.2055	7/16	11.11	0.4375
	0.20	0.0079	44	2.18	0.0860	4	5.31	0.2090	29/64	11.15	0.4531
	0.25	0.0098	43	2.26	0.0890	3	5.41	0.2130	15/32	11.91	0.4688
	0.30	0.0118	42	2.37	0.0935	7/32	5.56	0.2188		12.00	0.4724
80	0.34	0.0135	3/32	2.38	0.0938	2	5.61	0.2210	31/64	12.30	0.4844
79	0.37	0.0145	41	2.44	0.9600	1	5.79	0.2280	1/2	12.70	0.5000
1/64	0.40	0.0156	40	2.50	0.9800	A	5.94	0.2340		13.00	0.5118
78	0.41	0.0160	39	2.53	0.9950	15/64	5.95	0.2344	33/64	13.10	0.5156
77	0.46	0.0180	38	2.58	0.1015		6.00	0.2360	17/32	13.49	0.5312
	0.50	0.0197	37	2.64	0.1040	B	6.05	0.2380	35/64	13.89	0.5469
76	0.51	0.0200	36	2.71	0.1065	C	6.15	0.2420		14.00	0.5512
75	0.53	0.0210	7/64	2.78	0.1094	D	6.25	0.2460	9/16	14.29	0.5625
74	0.57	0.0225	35	2.79	0.1100	1/4	6.35	0.2500	37/64	14.68	0.5781
	0.60	0.0236	34	2.82	0.1110	E	6.35	0.2500		15.00	0.5906
73	0.61	0.0240	33	2.87	0.1130	F	6.53	0.2570	19/32	15.08	0.5938
72	0.64	0.0250	32	2.95	0.1160	G	6.63	0.2610	39/64	15.48	0.6094
71	0.66	0.0260		3.00	0.1181	17/64	6.75	0.2656	5/8	15.88	0.6250
	0.70	0.0276	31	3.05	0.1200	H	6.76	0.2660		16.00	0.6299
70	0.71	0.0280	1/8	3.18	0.1250	I	6.91	0.2720	41/64	16.27	0.6406
69	0.74	0.0282	30	3.26	0.1285		7.00	0.2756	21/32	16.67	0.6562
	0.75	0.0295	29	3.45	0.1360	J	7.04	0.2770		17.00	0.6693
68	0.79	0.0310	28	3.57	0.1405	K	7.14	0.2810	43/64	17.07	0.6719
1/32	0.79	0.0313	9/64	3.57	0.1406	9/32	7.14	0.2812	11/16	17.46	0.6875
	0.80	0.0315	27	3.66	0.1440	L	7.37	0.2900	45/64	17.86	0.7031
67	0.81	0.0320	26	3.73	0.1470	M	7.49	0.2950		18.00	0.7087
66	0.84	0.0330	25	3.80	0.1495	19/64	7.54	0.2969	23/32	18.26	0.7188
65	0.89	0.0350	24	3.86	0.1520	N	7.67	0.3020	47/64	18.65	0.7344
	0.90	0.0354	23	3.91	0.1540	5/16	7.94	0.3125		19.00	0.7480
64	0.91	0.0360	5/32	3.97	0.1562		8.00	0.3150	3/4	19.05	0.7500
63	0.94	0.0370	22	3.99	0.1570	O	8.03	0.3160	49/64	19.45	0.7656
62	0.97	0.0380		4.00	0.1575	P	8.20	0.3230	25/32	19.84	0.7812
61	0.99	0.0390	21	4.04	0.1590	21/64	8.33	0.3281		20.00	0.7874
	1.00	0.0394	20	4.09	0.1610	Q	8.43	0.3320	51/64	20.24	0.7969
60	1.02	0.0400	19	4.22	0.1660	R	8.61	0.3390	13/16	20.64	0.8125
59	1.04	0.0410	18	4.31	0.1695	11/32	8.73	0.3438		21.00	0.8268
58	1.07	0.0420	11/64	4.37	0.1719	S	8.84	0.3480	53/64	21.03	0.8281
57	1.09	0.0430	17	4.39	0.1730		9.00	0.3543	27/32	21.43	.8483
56	1.18	0.0465	16	4.50	0.1770	T	9.09	0.3580	55/64	21.84	.8594
3/64	1.19	0.0469	15	4.57	0.1800	23/64	9.13	0.3594		22.00	.8661
55	1.32	0.0520	14	4.62	0.1820	U	9.35	0.3680	7/8	2.23	.8750
54	1.40	0.0550	13	4.70	0.1850	3/8	9.53	0.3750	57/64	22.62	.8906
53	1.51	0.0595	3/16	4.76	0.1875	V	9.56	0.3770		23.00	.9055
1/16	1.59	0.0625	12	4.80	0.1890	W	9.80	0.3860	29/32	23.02	.9062
52	1.61	0.0635	11	4.85	0.1910	25/64	9.92	0.3906	59/64	23.42	.9219
51	1.70	0.0670	10	4.91	0.1935		10.00	0.3937	15/16	23.81	.9375
50	1.78	0.0700	9	4.98	0.1960	X	10.08	0.3970		24.00	.9449
49	1.85	0.0730		5.00	0.1968	Y	10.26	0.4040	61/64	24.21	.9531
48	1.93	0.0760	8	5.05	0.1990	13/32	10.32	0.4062	31/32	24.61	.9688
5/64	1.98	0.0781									
47	1.99	0.0785	7	5.11	0.2010	Z	10.49	0.4130		25.00	0.9843
	2.00	0.0787	13/64	5.16	0.2031	27/64	10.72	0.4219	63/64	25.00	0.9844
46	2.06	0.0810	6	5.18	0.2040		11.00	0.4331	1"	25.40	1.0000

Tap Drill Sizes

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
M1.6-.35	1.25 MM	69-77	M5 x .8	4.2 MM	69-77	M16 x 2	35/64	76-81
1-64	53	59-67	12-24	16	66-72	3/4-10	21/32	68-72
M2 x .4	1/16	72-79	12-28	15	70-78	3/4-16	11/16	71-77
1-72	53	67-75	M6 x 1	10	76-84	M20 x 2.5	11/16	74-78
2-56	50	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 x .45	2.05 MM	69-77	5/16-18	F	72-77	M24 x 3	53/64	72-76
3-48	5/64	70-77	5/16-24	1	67-75	1"-8	7/8	73-77
3-56	46	69-78	M8 x 1.25	6.7 MM	74-80	1"-12	59/64	67-72
4-40	43	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
M3 x .5	40	70-79	M10 x 1.5	8.4 MM	76-82	1-1/8-12	1-3/16	66-72
5-40	38	65-72	7/16-14	U	70-75	M30 x 3.5	1-3/64	75
5-44	37	63-71	7/16-20	25/64	65-72	1-1/4-7	1-7/64	76
M3.5 x .6	33	72-81	M12 x 1.7	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
M4 x .7	3.25 MM	74-82	M14 x 2	15/32	76-81	M36 x 4	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			

Tap Drill Sizes

Tap Size	Taper Pipe NPTF	Decimal Equivalent	Straight Pipe NPS	Decimal Equivalent
1/8-27	Q	.3320	11/32	.3438
1/4-18	7/16	.4375	7/16	.7375
3/8-18	9/16	.5625	37/64	.5781
1/2-14	45/64	.7031	23/32	.7188
3/4-14	29/32	.9062	59/64	.9219
1"-11-1/2	1-9/64	1.1406	1-5/32	1.1562
1-1/4"-11-1/2	1-31/64	1.4844	1-1/2	1.5000
1-1/2"-11-1/2	1-23/32	1.7188	1-3/4	1.7500
2"-11-1/2	2-3/16	2.1875	2-7/32	2.2188
2-1/2"-8	2-39/64	2.6094	2-21/32	2.6562
3"-8	3-15/64	3.2344		