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DECIMAL EQUIVALENTS

fraction, number, letter, and metric sizes

DRILL SIZES	DECIMAL INCHES	DRILL SIZES	DECIMAL INCHES	DRILL SIZES	DECIMAL INCHES	DRILL SIZES	DECIMAL INCHES	DRILL SIZES	DECIMAL INCHES
.2mm	.0079	1.75mm	.0689	4mm	.1575	6.75mm	.2657	10.5mm	.4134
.22mm	.0087	50	.0700	21	.1590	H	.2660	27/64	.4219
.25mm	.0098	1.8mm	.0709	20	.1610	6.8mm	.2677	11mm	.4331
.28mm	.0110	1.85mm	.0728	4.1mm	.1614	6.9mm	.2717	7/16	.4375
.3mm	.0118	49	.0730	4.2mm	.1654	I	.2720	11.5mm	.4528
.32mm	.0126	1.9mm	.0748	19	.1660	7mm	.2756	29/64	.4531
80	.0135	48	.0760	4.25mm	.1673	J	.2770	15/32	.4688
.35mm	.0138	1.95mm	.0768	4.3mm	.1693	7.1mm	.2795	12mm	.4724
79	.0145	5/64	.0781	18	.1695	K	.2810	31/64	.4844
1/64	.0156	47	.0785	11/64	.1719	9/32	.2812	12.5mm	.4921
.4mm	.0157	2mm	.0787	17	.1730	7.2mm	.2835	1/2	.5000
78	.0160	2.05mm	.0807	4.4mm	.1732	7.25mm	.2854	13mm	.5118
.45mm	.0177	46	.0810	16	.1770	7.3mm	.2874	33/64	.5156
77	.0180	45	.0820	4.5mm	.1772	L	.2900	17/32	.5312
.5mm	.0197	2.1mm	.0827	15	.1800	7.4mm	.2913	13.5mm	.5315
76	.0200	2.15mm	.0846	4.6mm	.1811	M	.2950	35/64	.5469
75	.0210	44	.0860	14	.1820	7.5mm	.2953	14mm	.5512
.55mm	.0217	2.2mm	.0866	13	.1850	19/64	.2969	9/16	.5625
74	.0225	2.25mm	.0886	4.7mm	.1850	7.6mm	.2992	14.5mm	.5709
.6mm	.0236	43	.0890	4.75mm	.1870	N	.3020	37/64	.5781
73	.0240	2.3mm	.0906	3/16	.1875	7.7mm	.3031	15mm	.5906
72	.0250	2.35mm	.0925	4.8mm	.1890	7.75mm	.3051	19/32	.5938
.65mm	.0256	42	.0935	12	.1890	7.8mm	.3071	39/64	.6094
71	.0260	3/32	.0938	11	.1910	7.9mm	.3110	15.5mm	.6102
.7mm	.0276	2.4mm	.0945	4.9mm	.1929	5/16	.3125	5/8	.6250
70	.0280	41	.0960	10	.1935	8mm	.3150	16mm	.6299
69	.0292	2.45mm	.0965	9	.1960	O	.3160	41/64	.6406
.75mm	.0295	40	.0980	5mm	.1969	8.1mm	.3189	16.5mm	.6496
68	.0310	2.5mm	.0984	8	.1990	8.2mm	.3228	21/32	.6562
1/32	.0312	39	.0995	5.1mm	.2008	P	.3230	17mm	.6693
.8mm	.0315	38	.1015	7	.2010	8.25mm	.3248	43/64	.6719
67	.0320	2.6mm	.1024	13/64	.2031	8.3mm	.3268	11/16	.6875
66	.0330	37	.1040	6	.2040	21/64	.3281	17.5mm	.6890
.85mm	.0335	2.7mm	.1063	5.2mm	.2047	8.4mm	.3307	45/64	.7031
65	.0350	36	.1065	5	.2055	Q	.3320	18mm	.7087
.9mm	.0354	2.75mm	.1083	5.25mm	.2067	8.5mm	.3346	23/32	.7188
64	.0360	7/64	.1094	5.3mm	.2087	8.6mm	.3386	18.5mm	.7283
63	.0370	35	.1100	4	.2090	R	.3390	47/64	.7344
.95mm	.0374	2.8mm	.1102	5.4mm	.2126	8.7mm	.3425	19mm	.7480
62	.0380	34	.1110	3	.2130	11/32	.3438	3/4	.7500
61	.0390	33	.1130	5.5mm	.2165	8.75mm	.3445	49/64	.7656
1mm	.0394	2.9mm	.1142	7/32	.2188	8.8mm	.3465	19.5mm	.7677
60	.0400	32	.1160	5.6mm	.2205	S	.3480	25/32	.7812
59	.0410	3mm	.1181	2	.2210	8.9mm	.3504	20mm	.7874
1.05mm	.0413	31	.1200	5.7mm	.2244	9mm	.3543	51/64	.7969
58	.0420	3.1mm	.1220	5.75mm	.2264	T	.3580	20.5mm	.8071
57	.0430	1/8	.1250	1	.2280	9.1mm	.3583	13/16	.8125
1.1mm	.0433	3.2mm	.1260	5.8mm	.2283	23/64	.3594	21mm	.8268
1.15mm	.0453	3.25mm	.1280	5.9mm	.2323	9.2mm	.3622	53/64	.8281
56	.0465	30	.1285	A	.2340	9.25mm	.3642	27/32	.8438
3/64	.0469	3.3mm	.1299	15/64	.2344	9.3mm	.3661	21.5mm	.8465
1.2mm	.0472	3.4mm	.1339	6mm	.2362	U	.3680	55/64	.8594
1.25mm	.0492	29	.1360	B	.2380	9.4mm	.3701	22mm	.8661
1.3mm	.0512	3.5mm	.1378	6.1mm	.2402	9.5mm	.3740	7/8	.8750
55	.0520	28	.1405	C	.2420	3/8	.3750	22.5mm	.8858
1.35mm	.0531	9/64	.1406	6.2mm	.2441	V	.3770	57/64	.8906
54	.0550	3.6mm	.1417	D	.2460	9.6mm	.3780	23mm	.9055
1.4mm	.0551	27	.1440	6.25mm	.2461	9.7mm	.3819	29/32	.9062
1.45mm	.0571	3.7mm	.1457	6.3mm	.2480	9.75mm	.3839	59/64	.9219
1.5mm	.0591	26	.1470	E	.2500	9.8mm	.3858	23.5mm	.9252
53	.0595	3.75mm	.1476	1/4	.2500	W	.3860	15/16	.9375
1.55mm	.0610	25	.1495	6.4mm	.2520	9.9mm	.3898	24mm	.9449
1/16	.0625	3.8mm	.1496	6.5mm	.2559	25/64	.3906	61/64	.9531
1.6mm	.0630	24	.1520	F	.2570	10mm	.3937	24.5mm	.9646
52	.0635	3.9mm	.1535	6.6mm	.2598	X	.3970	31/32	.9688
1.65mm	.0650	23	.1540	G	.2610	Y	.4040	25mm	.9843
1.7mm	.0669	5/32	.1562	6.7mm	.2638	13/32	.4062	63/64	.9844
51	.0670	22	.1570	17/64	.2656	Z	.4130	1	1.0000

TAP DRILL SIZES

TAP SIZE	DRILL SIZE
0-80	3/64
M1.6x.35	1.25mm
1-64	53
M2x.4	1/16
1-72	53
2-56	50
2-64	50
M2.5x.45	46
3-48	5/64
3-56	46
4-40	43
4-48	42
M3x.5	40
5-40	38
5-44	37
M3.5x.6	2.9mm
6-32	36
6-40	33
M4x.7	30
8-32	29
8-36	29
10-24	25
10-32	21
M5x.8	4.2mm
12-24	16
12-28	15
M6x1	5mm
1/4-20	7
1/4-28	3
5/16-18	F
5/16-24	I
M8x1.25	17/64
3/8-16	5/16
3/8-24	Q
M10x1.5	8.5mm
7/16-14	U
7/16-20	25/64
M12x1.75	Y
1/2-13	27/64
1/2-20	29/64
M14x2	12mm
9/16-12	31/64
9/16-18	33/64
5/8-11	17/32
5/8-18	37/64
M16x2	35/64
3/4-10	21/32
3/4-16	11/16
M20x2.5	11/16
7/8-9	49/64
7/8-14	13/16
M24x3	53/64
1-8	7/8
1-12	59/64
1-14	15/16

ROLL TAP DRILL SIZES

TAP SIZE	DRILL SIZE
0-80	54
M1.6x.35	1.45mm
1-64	51
M2x.4	49
1-72	51
2-56	5/64
2-64	47
M2.5x.45	2.3mm
3-48	43
3-56	2.3mm
4-40	39
4-48	2.6mm
M3x.5	35
5-40	33
5-44	2.9mm
M3.5x.6	30
6-32	1/8
6-40	3.2mm
M4x.7	3.7mm
8-32	25
8-36	24
10-24	11/64
10-32	16
M5x.8	14
12-24	5mm
12-28	7
M6x1	7/32
1/4-20	1
1/4-28	A
5/16-18	M
5/16-24	7.3mm
M8x1.25	7.4mm
3/8-16	S
3/8-24	T
M10x1.5	9.3mm
7/16-14	13/32
7/16-20	Z
M12x1.75	7/16
1/2-13	15/32
1/2-20	31/64

STI TAP DRILL SIZES

TAP SIZE	ALUMINUM	STEEL
M2x.4	45	45
2-56	3/32	41
M2.5x.45	37	37
3-48	36	7/64
4-40	31	31
M3x.5	1/8	1/8
5-40	3.4mm	29
6-32	26	25
6-40	26	25
M4x.7	19	19
8-32	17	16
10-24	13/64	5
M5x.8	5	4
10-32	7	13/64
12-24	1	1
M6x1	D	1/4
1/4-20	17/64	17/64
1/4-28	G	6.7mm
5/16-18	Q	Q
5/16-24	21/64	21/64
M8x1.25	21/64	Q
3/8-16	X	X
3/8-24	25/64	25/64
7/16-14	29/64	29/64
7/16-20	29/64	29/64
1/2-13	33/64	17/32
1/2-20	33/64	33/64

STI ROLL TAP DRILL SIZES

TAP SIZE	DRILL SIZE
M2x.4	2.3mm
2-56	39
M2.5x.45	34
4-40	3.3mm
M3x.5	3.4mm
M3.5x.6	22
6-32	4.1mm
M4x.7	15
8-32	3/16
10-24	2
10-32	3
M5x.8	2
M6x1	6.8mm
1/4-20	7.3mm
1/4-28	J
M8x1.25	9mm

PIPE TAP DRILL SIZES

TAP SIZE	NPT	NPTF	NPS
1/16-27	D	D	1/4
1/8-27	Q	R	11/32
1/4-18	7/16	7/16	7/16
3/8-18	9/16	37/64	37/64
1/2-14	45/64	45/64	23/32
3/4-14	29/32	59/64	59/64
1-11 1/2	1 9/64	1 5/32	1 5/32
1 1/4-11 1/2	1 31/64	1 1/2	1 1/2
1 1/2-11 1/2	1 47/64	1 47/64	1 3/4
2-11 1/2	2 13/64	2 7/32	2 7/32