Groves INDUSTRIAL
a DGI Supply Company

DECIMAL EQUIVALENTS

DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL
0.1mm	0.0039	41	0.0960	**15/64**	**0.2344**	33/64	0.5156
0.2mm	0.0079	40	0.0980	6mm	0.2362	17/32	0.5313
0.3mm	0.0118	2.5mm	0.0984	B	0.2380	13.5mm	0.5315
80	0.0135	39	0.0995	C	0.2420	35/64	0.5469
79	0.0145	38	0.1015	D	0.2460	14mm	0.5512
1/64	**0.0156**	37	0.1040	**1/4&E**	**0.2500**	**9/16**	**0.5625**
0.4mm	0.0157	36	0.1065	6.5mm	0.2559	14.5mm	0.5709
78	0.0160	**7/64**	**0.1094**	F	0.2570	37/64	0.5781
77	0.0180	35	0.1100	G	0.2610	15mm	0.5906
0.5mm	0.0197	34	0.1110	**17/64**	**0.2656**	19/32	0.5938
76	0.0200	33	0.1130	H	0.2660	39/64	0.6094
75	0.0210	32	0.1160	I	0.2720	15.5mm	0.6102
74	0.0225	3mm	0.1181	7mm	0.2756	**5/8**	**0.6250**
0.6mm	0.0236	31	0.1200	J	0.2770	16mm	0.6299
73	0.0240	**1/8**	**0.1250**	K	0.2810	41/64	0.6406
72	0.0250	30	0.1285	**9/32**	**0.2812**	16.5mm	0.6496
71	0.0260	29	0.1360	L	0.2900	21/32	0.6562
0.7mm	0.0276	3.5mm	0.1378	M	0.2950	17mm	0.6693
70	0.0280	28	0.1405	7.5mm	0.2953	43/64	0.6719
69	0.0292	**9/64**	**0.1406**	**19/64**	**0.2969**	**11/16**	**0.6875**
68	0.0310	27	0.1440	N	0.3020	17.5mm	0.6890
1/32	**0.0312**	26	0.1470	**5/16**	**0.3125**	45/64	0.7031
0.8mm	0.0315	25	0.1495	8mm	0.3150	18mm	0.7087
67	0.0320	24	0.1520	O	0.3160	23/32	0.7188
66	0.0330	23	0.1540	P	0.3230	18.5mm	0.7283
65	0.0350	**5/32**	**0.1562**	**21/64**	**0.3281**	47/64	0.7344
0.9mm	0.0354	22	0.1570	Q	0.3320	19mm	0.7480
64	0.0360	4mm	0.1575	8.5mm	0.3346	**3/4**	**0.7500**
63	0.0370	21	0.1590	R	0.3390	49/64	0.7656
62	0.0380	20	0.1610	**11/32**	**0.3438**	19.5mm	0.7677
61	0.0390	19	0.1660	S	0.3480	25/32	0.7812
1mm	0.0394	18	0.1695	9mm	0.3543	20mm	0.7874
60	0.0400	**11/64**	**0.1719**	T	0.3580	51/64	0.7969
59	0.0410	17	0.1730	**23/64**	**0.3594**	20.5mm	0.8071
58	0.0420	16	0.1770	U	0.3680	**13/16**	**0.8125**
57	0.0430	4.5mm	0.1772	9.5mm	0.3740	21mm	0.8268
56	0.0465	15	0.1800	**3/8**	**0.3750**	53/64	0.8281
3/64	**0.0469**	14	0.1820	V	0.3770	27/32	0.8438
55	0.0520	13	0.1850	W	0.3860	21.5mm	0.8465
54	0.0550	**3/16**	**0.1875**	**25/64**	**0.3906**	55/64	0.8594
1.5mm	0.0591	12	0.1890	10mm	0.3937	22mm	0.8661
53	0.0595	11	0.1910	X	0.3970	7/8	0.8750
1/16	**0.0625**	10	0.1935	Y	0.4040	22.5mm	0.8858
52	0.0635	9	0.1960	**13/32**	**0.4062**	57/64	0.8906
51	0.0670	5mm	0.1969	Z	0.4130	23mm	0.9055
50	0.0700	8	0.1990	10.5mm	0.4134	29/32	0.9062
49	0.0730	7	0.2010	**27/64**	**0.4219**	59/64	0.9219
48	0.0760	**13/64**	**0.2031**	11mm	0.4331	23.5mm	0.9252
5/64	**0.0781**	6	0.2040	**7/16**	**0.4375**	**15/16**	**0.9375**
47	0.0785	5	0.2055	11.5mm	0.4528	24mm	0.9449
2mm	0.0787	4	0.2090	29/64	0.4531	61/64	0.9531
46	0.0810	3	0.2130	**15/32**	**0.4688**	24.5mm	0.9646
45	0.0820	5.5mm	0.2165	12mm	0.4724	31/32	0.9688
44	0.0860	**7/32**	**0.2188**	31/64	0.4844	25mm	0.9843
43	0.0890	2	0.2210	12.5mm	0.4921	63/64	0.9844
42	0.0935	1	0.2280	**1/2**	**0.5000**	**1**	**1.000**
3/32	**0.0938**	A	0.2340	13mm	0.5118		

TAP DRILL SIZE

UNC & UNF

THREAD	DRILL
0-80	0.0486
1-64	0.0588
1-72	0.0604
2-56	0.0698
2-64	0.0718
3-48	0.0801
3-56	0.0828
4-40	0.0893
4-48	0.0931
5-40	0.1023
5-44	0.1043
6-32	0.1096
6-40	0.1153
8-32	0.1356
8-36	0.1387
10-24	0.1521
10-32	0.1616
12-24	0.1781
12-28	0.1835
1/4-20	0.2045
1/4-28	0.2175
5/16-18	0.2620
5/16-24	0.2746
3/8-16	0.3182
3/8-24	0.3371
7/16-14	0.3726
7/16-20	0.3920
1/2-13	0.4301
1/2-20	0.4545
9/16-12	0.4867
9/16-18	0.5120
5/8-11	0.5423
5/8-18	0.5745
3/4-10	0.6591
3/4-16	0.6932
7/8-9	0.7740
7/8-14	0.8101
1-8	0.8863
1-12	0.9242
1-14	0.9350
1 1/8-7	0.9951
1 1/8-8	1.0113
1 1/8-12	1.0492
1 1/4-7	1.1201
1 1/4-12	1.1742
1 1/4-8	1.1282
1 3/8-6	1.2235
1 3/8-12	1.2992
1 3/8-8	1.2532
1 1/2-6	1.3485
1 1/2-12	1.4242
1 1/2-8	1.3863
1 5/8-8	1.5113
1 3/4-5	1.5681
1 3/4-8	1.6363
1 7/8-8	1.7613
2-4 1/2	1.7979
2-4-8	1.8863
2 1/4-4 1/2	2.0479
2 1/4-4-8	2.1363
2 1/2-4	2.2727
2 1/2-8	2.3863

STRAIGHT PIPE

THREAD	DRILL
1/16-27	1/4
1/8-27	11/32
1/4-18	7/16
3/8-18	37/64
1/2-14	23/32
3/4-14	59/64
1-11 1/2	1-5/32
1 1/4-11 1/2	1-1/2
1 1/2-11 1/2	1-3/4
2-11 1/2	2-7/32

TAPER PIPE

THREAD	DRILL (With Reamer)	DRILL (W/O Reamer)
1/16-27	15/64	C
1/8-27	21/64	Q
1/4-18	27/64	7/16
3/8-18	37/64	9/16
1/2-14	11/16	45/64
3/4-14	57/64	29/32
1-11 1/2	1-1/8	1-9/64
1 1/4-11 1/2	1-15/32	1-31/64
1 1/2-11 1/2	1-45/64	1-23/32
2-11 1/2	2-11/64	2-3/16

FORM TAP DRILL SIZE

THREAD	DRILL
0-80	0.0545
1-64	0.0661
1-72	0.0669
2-56	0.0781
2-64	0.0791
3-48	0.0898
3-56	0.0911
4-40	0.1010
4-48	0.1028
5-40	0.1140
5-44	0.1150
6-32	0.1243
6-40	0.1270
8-32	0.1503
8-36	0.1518
10-24	0.1716
10-32	0.1762
12-24	0.1976
12-28	0.2002
1/4-20	0.2279
1/4-28	0.2342
5/16-18	0.2879
5/16-24	0.2941
3/8-16	0.3474
3/8-24	0.3566
7/16-14	0.4059
7/16-20	0.4154
1/2-13	0.4660
1/2-20	0.4779
9/16-12	0.5257
9/16-18	0.5379
5/8-11	0.5848
5/8-18	0.6004
3/4-10	0.7058
3/4-16	0.7224
7/8-9	0.8259
7/8-14	0.8434
1-8	0.9448
1-12	0.9632

STI TAP DRILL SIZE

THREAD	ALUMINUM	STEEL
2-56	0.0938	0.0960
3-48	0.1065	0.1094
3-56	0.1040	0.1065
4-40	0.1200	0.1200
4-48	0.1181	0.1200
5-40	0.1339	0.1360
6-32	0.1470	0.1495
6-40	0.1470	0.1495
8-32	0.1730	0.1770
8-36	0.1730	0.1770
10-24	0.2031	0.2055
10-32	0.2010	0.2031
12-24	0.2280	0.2280
1/4-20	0.2660	0.2660
1/4-28	0.2610	0.2638
5/16-18	0.3320	0.3320
5/16-24	0.3281	0.3281
3/8-16	0.3970	0.3970
3/8-24	0.3906	0.3906
7/16-14	0.4531	0.4531
7/16-20	0.4531	0.4531
1/2-13	0.5156	0.5156
1/2-20	0.5156	0.5156
9/16-12	0.5781	0.5938
9/16-18	0.5781	0.5781
5/8-11	0.6562	0.6562
5/8-18	0.6406	0.6406
3/4-10	0.7812	0.7812
3/4-16	0.7656	0.7656
7/8-9	0.9062	0.9062
7/8-14	0.8906	0.8906
1-8	1.0312	1.0312
1-12	1.0156	1.0312
M2x0.4	0.0827	0.0827
M2.5x0.45	0.0906	0.0925
M3x0.5	0.1240	0.1260
M4x0.7	0.1654	0.1673
M5x0.8	0.2047	0.2087
M6x1	0.2461	0.2480
M8x1.25	0.3268	0.3307
M10x1.5	0.4134	0.4134
M12x1.75	0.4921	0.4921
M14x2	0.5709	0.5709
M16x2	0.6496	0.6496
M18x2.5	0.7382	0.7382
M20x2.5	0.8169	0.8169
M22x2.5	0.8957	0.8957
M24x3	0.9744	0.9744