Number & Letter Drill Bit Sizes

Complete #1–#80 and A–Z reference · decimal inch and mm

NUMBER	DECIMAL INCH	MM
#1	0.228"	5.79
#2	0.221"	5.61
#3	0.213"	5.41
#4	0.209"	5.31
#5	0.2055"	5.22
#6	0.204"	5.18
#7	0.201"	5.11
#8	0.199"	5.05
#9	0.196"	4.98
#10	0.1935"	4.91
#11	0.191"	4.85
#12	0.189"	4.8
#13	0.185"	4.7
#14	0.182"	4.62
#15	0.18"	4.57
#16	0.177"	4.5
#17	0.173"	4.39
#18	0.1695"	4.31
#19	0.166"	4.22
#20	0.161"	4.09
#21	0.159"	4.04
#22	0.157"	3.99
#23	0.154"	3.91
#24	0.152"	3.86
#25	0.1495"	3.8
#26	0.147"	3.73
#27	0.144"	3.66

NUMBER	DECIMAL INCH	MM
#28	0.1405"	3.57
#29	0.136"	3.45
#30	0.1285"	3.26
#31	0.12"	3.05
#32	0.116"	2.95
#33	0.113"	2.87
#34	0.111"	2.82
#35	0.11"	2.79
#36	0.1065"	2.71
#37	0.104"	2.64
#38	0.1015"	2.58
#39	0.0995"	2.53
#40	0.098"	2.49
#41	0.096"	2.44
#42	0.0935"	2.37
#43	0.089"	2.26
#44	0.086"	2.18
#45	0.082"	2.08
#46	0.081"	2.06
#47	0.0785"	1.99
#48	0.076"	1.93
#49	0.073"	1.85
#50	0.07"	1.78
#51	0.067"	1.7
#52	0.0635"	1.61
#53	0.0595"	1.51
#54	0.055"	1.4
#55	0.052"	1.32
#56	0.0465"	1.18

NUMBER	DECIMAL INCH	MM
#57	0.043"	1.09
#58	0.042"	1.07
#59	0.041"	1.04
#60	0.04"	1.02
#61	0.039"	0.99
#62	0.038"	0.97
#63	0.037"	0.94
#64	0.036"	0.91
#65	0.035"	0.89
#66	0.033"	0.84
#67	0.032"	0.81
#68	0.031"	0.79
#69	0.0292"	0.74
#70	0.028"	0.71
#71	0.026"	0.66
#72	0.025"	0.64
#73	0.024"	0.61
#74	0.0225"	0.57
#75	0.021"	0.53
#76	0.02"	0.51
#77	0.018"	0.46
#78	0.016"	0.41
#79	0.0145"	0.37
#80	0.0135"	0.34

LETTER	DECIMAL INCH	MM
A	0.234"	5.94
B	0.238"	6.05
C	0.242"	6.15
D	0.246"	6.25

LETTER	DECIMAL INCH	MM
E	0.25"	6.35
F	0.257"	6.53
G	0.261"	6.63
H	0.266"	6.76
I	0.272"	6.91
J	0.277"	7.04
K	0.281"	7.14
L	0.29"	7.37
M	0.295"	7.49
N	0.302"	7.67
O	0.316"	8.03
P	0.323"	8.2
Q	0.332"	8.43
R	0.339"	8.61
S	0.348"	8.84
T	0.358"	9.09
U	0.368"	9.35
V	0.377"	9.58
W	0.386"	9.8
X	0.397"	10.08
Y	0.404"	10.26
Z	0.413"	10.49

Number bits run backwards: #1 is the largest and #80 the smallest, because the number is a wire gauge, not a measurement. Letter bits run the intuitive way — A smallest, Z largest — and note letter E = 1/4" exactly.

Number and letter drill decimals are the fixed ANSI/ASME standards; millimetres are computed from the decimal inch (× 25.4).