Number Drill Bit Sizes

Number drill bit sizes, #1 to #80

Each size with the screw threads that use it as a 75% tap drill.

Size	Decimal (in)	Millimeters	75% tap drill for
#1	0.2280	5.79	—
#2	0.2210	5.61	—
#3	0.2130	5.41	1/4-28 UNF
#4	0.2090	5.31	—
#5	0.2055	5.22	—
#6	0.2040	5.18	—
#7	0.2010	5.11	1/4-20 UNC
#8	0.1990	5.05	—
#9	0.1960	4.98	—
#10	0.1935	4.92	—
#11	0.1910	4.85	—
#12	0.1890	4.80	—
#13	0.1850	4.70	—
#14	0.1820	4.62	#12-28 UNF
#15	0.1800	4.57	—
#16	0.1770	4.50	#12-24 UNC
#17	0.1730	4.39	—
#18	0.1695	4.30	—
#19	0.1660	4.22	—
#20	0.1610	4.09	—
#21	0.1590	4.04	#10-32 UNF
#22	0.1570	3.99	—
#23	0.1540	3.91	—
#24	0.1520	3.86	—
#25	0.1495	3.80	#10-24 UNC
#26	0.1470	3.73	—
#27	0.1440	3.66	—
#28	0.1405	3.57	—
#29	0.1360	3.45	#8-32 UNC, #8-36 UNF
#30	0.1285	3.26	—
#31	0.1200	3.05	—
#32	0.1160	2.95	—
#33	0.1130	2.87	#6-40 UNF
#34	0.1110	2.82	—
#35	0.1100	2.79	—
#36	0.1065	2.71	#6-32 UNC
#37	0.1040	2.64	#5-44 UNF
#38	0.1015	2.58	#5-40 UNC
#39	0.0995	2.53	—
#40	0.0980	2.49	—
#41	0.0960	2.44	—
#42	0.0935	2.38	#4-48 UNF
#43	0.0890	2.26	#4-40 UNC
#44	0.0860	2.18	—
#45	0.0820	2.08	#3-56 UNF
#46	0.0810	2.06	—
#47	0.0785	1.99	#3-48 UNC
#48	0.0760	1.93	—
#49	0.0730	1.85	—
#55	0.0520	1.32	—
#56	0.0465	1.18	—
#57	0.0430	1.09	—
#58	0.0420	1.07	—
#59	0.0410	1.04	—
#60	0.0400	1.02	—
#61	0.0390	0.99	—
#62	0.0380	0.96	—
#63	0.0370	0.94	—
#64	0.0360	0.91	—
#65	0.0350	0.89	—
#66	0.0330	0.84	—
#67	0.0320	0.81	—
#68	0.0310	0.79	—
#69	0.0292	0.74	—
#70	0.0280	0.71	—
#71	0.0260	0.66	—
#72	0.0250	0.64	—
#73	0.0240	0.61	—
#74	0.0225	0.57	—
#75	0.0210	0.53	—
#76	0.0200	0.51	—
#77	0.0180	0.46	—
#78	0.0160	0.41	—
#79	0.0145	0.37	—
#80	0.0135	0.34	—

Size	Decimal (in)	Millimeters	75% tap drill for
#50	0.0700	1.78	#2-56 UNC, #2-64 UNF
#51	0.0670	1.70	—
#52	0.0635	1.61	—
#53	0.0595	1.51	#1-64 UNC, #1-72 UNF
#54	0.0550	1.40	—

Disclaimer. Reference values for information only. Check the manufacturer's data for your part. Charts & Specs is an independent reference site. It is not affiliated with any manufacturer, standards body or code organization, and it uses brand and standard names only to identify what a value applies to.