

Tap Drill Size Chart

Tap Drill Size Chart (Inches)

Tap Size	Threads per Inch (TPI)	Major Diameter (in)	Drill Size	Decimal (in)
#0-80 UNC	80	0.0600	#56	0.0465
#2-56 UNC	56	0.0860	#50	0.0700
#4-40 UNC	40	0.1120	#43	0.0890
#6-32 UNC	32	0.1380	#36	0.1065
#8-32 UNC	32	0.1640	#29	0.1360
#10-24 UNC	24	0.1900	#25	0.1495
#10-32 UNF	32	0.1900	#21	0.1590
1/4"-20 UNC	20	0.2500	#7	0.2010
1/4"-28 UNF	28	0.2500	#3	0.2130
5/16"-18 UNC	18	0.3125	F	0.2570
5/16"-24 UNF	24	0.3125	I	0.2720
3/8"-16 UNC	16	0.3750	5/16"	0.3125
3/8"-24 UNF	24	0.3750	Q	0.3320
1/2"-13 UNC	13	0.5000	27/64"	0.4219
1/2"-20 UNF	20	0.5000	29/64"	0.4531

Tap Drill Size Chart (Metric - mm)

Tap Size (mm)	Pitch (mm)	Major Diameter (mm)	Drill Size (mm)
M2 x 0.4	0.4	2.0	1.6
M3 x 0.5	0.5	3.0	2.5
M4 x 0.7	0.7	4.0	3.3
M5 x 0.8	0.8	5.0	4.2
M6 x 1.0	1.0	6.0	5.0
M8 x 1.25	1.25	8.0	6.8
M10 x 1.5	1.5	10.0	8.5
M12 x 1.75	1.75	12.0	10.2
M16 x 2.0	2.0	16.0	14.0
M20 x 2.5	2.5	20.0	17.5