

Tap and Die Drill Chart

Metric Tap and Drill Sizes

Metric Tap Size	Thread Pitch (mm)	Drill Size (mm)
M3 x 0.5	0.5	2.5
M4 x 0.7	0.7	3.3
M5 x 0.8	0.8	4.2
M6 x 1.0	1.0	5.0
M8 x 1.25	1.25	6.8
M10 x 1.5	1.5	8.5
M12 x 1.75	1.75	10.2
M16 x 2.0	2.0	14.0

Imperial Tap and Drill Sizes

Tap Size	TPI	Drill Size (Inches)	Drill Size (mm)
1/4"-20 UNC	20	0.201" (#7 drill)	5.1
5/16"-18 UNC	18	0.257" (F drill)	6.5
3/8"-16 UNC	16	0.3125" (5/16 drill)	7.9
7/16"-14 UNC	14	0.368" (U drill)	9.4
1/2"-13 UNC	13	0.421" (27/64 drill)	10.7
5/8"-11 UNC	11	0.531" (17/32 drill)	13.5