

Tap Charts - from <http://everycalc.thadhughes.xyz/static>

METRIC	75% Tap		Tight Clearance	
	Decimal	Drill	Decimal	Drill
M2 x 0.4	0.063	1/16 - #52	0.084	#46
M2.5 x 0.45	0.081	#46	0.103	#39
M3 x 0.5	0.098	#40	0.123	1/8
M3 x 0.35	0.102	#38-#37		
M4 x 0.7	0.130	#30	0.162	#19
M4 x 0.5	0.138	#29-#28		
M5 x 0.8	0.165	#19	0.202	13/64
M5 x 0.5	0.177	#16		
M6 x 1.0	0.197	#9	0.241	C
M6 x 0.75	0.205	#5		
M8 x 1.25	0.264	G - 17/64	0.320	O
M8 x 1.0	0.276	J		
M8 x 0.75	0.283	9/32	0.399	X
M10 x 1.5	0.335	Q - R		
M10 x 1.25	0.346	S	0.563	9/16
M10 x 1.0	0.354	T		
M12 x 1.75	0.401	X - Y	0.477	31/64
M12 x 1.5	0.413	Z		
M12 x 1.25	0.425	27/64	0.508	33/64
M14 x 2.0	0.472	15/32		
M14 x 1.5	0.499	1/2	0.645	41/64
M14 x 1.25	0.504	1/2		
M16 x 2.0	0.551	35/64	0.770	49/64
M16 x 1.5	0.571	37/64		
M16 x 1.0	0.591	37/64		

INCH	75% Tap		Tight Clearance	
	Decimal	Drill	Decimal	Drill
#4 - 40	0.088	#43	0.117	#32
#4 - 48	0.092	#42		
#6 - 32	0.108	7/64	0.143	#27
#6 - 40	0.114	#32		
#8 - 32	0.134	#29	0.169	#18
#8 - 36	0.137	#29		
#10 - 24	0.149	#25	0.195	#9
#10 - 32	0.160	#21-#20		
#12 - 24	0.175	#16	0.221	#2
#12 - 28	0.181	#15-#14		
1/4 - 20	0.201	#7	0.255	F
1/4 - 28	0.215	#3		
5/16 - 18	0.258	F	0.318	O
5/16 - 24	0.272	I		
3/8 - 16	0.314	5/16 - O	0.386	W
3/8 - 24	0.334	Q		
7/16 - 14	0.368	U	0.453	29/64
7/16 - 20	0.389	25/64		
1/2 - 13	0.425	27/64	0.515	33/64
1/2 - 20	0.451	29/64		
9/16 - 12	0.481	31/64	0.578	37/64
9/16 - 18	0.508	33/64		
5/8 - 11	0.536	17/32	0.640	41/64
5/8 - 18	0.571	37/64		
3/4 - 10	0.653	21/32	0.770	49/64
3/4 - 16	0.689	11/16		