



Machinist Screw Thread Tap - Drill Size Chart (UNC, UNF Series)

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ANSI Standard Vee-Thread Recommended Tap size and Drilled pilot Hole.

INCH SIZES - NATIONAL COARSE		INCH SIZES - NATIONAL FINE	
TAP SIZE	DRILL SIZE	TAP SIZE	DRILL SIZE
#0-80	3/64"	#1-72	#53
#1-64	#53	#2-64	#50
#2-56	#51	#3-56	#46
#3-48	5/64"	#4-48	#42
#4-40	#43	#5-44	#37
#5-40	#39	#6-40	#33
#6-32	#36	#8-36	#29
#8-32	#29	#10-32	#21
#10-24	#25	#12-28	#15
#12-24	#17	1/4-28	#3
1/4-20	#7	5/16-24	I
5/16-18	F	3/8-24	Q
3/8-16	5/16	7/16-20	W
7/16-14	U	1/2-20	29/64
1/2-13	27/64	9/16-18	33/64
9/16-12	31/64	5/8-18	37/64
5/8-11	17/32	3/4-16	11/16
3/4-10	21/32	7/8-14	13/16
7/8-9	49/64	1"-12	15/16
1"-8	7/8	1-1/8-12	1-3/64
1-1/8-7	63/64	1-1/4-12	1-11/64
1-1/4-7	1-7/64	1-1/2-12	1-27/64
1-1/2-6	1-11/32	1-3/4-12	1-43/64
1-3/4-5	1-35/64	2"-12	1-59/64
2"-4-1/2	1-25/32		

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