

THREADS PER INCH AND TAP DRILL SIZES

Size		Graded Pitch Series						Constant Pitch Series					
Inches		Coarse UNC		Fine UNF		Extra Fine UNEF		8 UN		12 UN		16 UN	
Number or Fraction	Decimal	Threads per Inch	Tap Drill Dia.	Threads per Inch	Tap Drill Dia.	Threads per Inch	Tap Drill Dia.	Threads per Inch	Tap Drill Dia.	Threads per Inch	Tap Drill Dia.	Threads per Inch	Tap Drill Dia.
0	.060	—	—	80	$\frac{3}{64}$	—	—	—	—	—	—	—	—
2	.086	56	No. 50	64	No. 49	—	—	—	—	—	—	—	—
4	.112	40	No. 43	48	No. 42	—	—	—	—	—	—	—	—
5	.125	40	No. 38	44	No. 37	—	—	—	—	—	—	—	—
6	.138	32	No. 36	40	No. 33	—	—	—	—	—	—	—	—
8	.164	32	No. 29	36	No. 29	—	—	—	—	—	—	—	—
10	.190	24	No. 25	32	No. 21	—	—	—	—	—	—	—	—
$\frac{1}{4}$	.250	20	7	28	3	32	.219	—	—	—	—	—	—
$\frac{5}{16}$	.312	18	F	24	1	32	.281	—	—	—	—	—	—
$\frac{3}{8}$	.375	16	.312	24	Q	32	.344	—	—	—	—	UNC	—
$\frac{7}{16}$	.438	14	U	20	.391	28	Y	—	—	—	—	16	V
$\frac{1}{2}$	.500	13	.422	20	.453	28	.469	—	—	—	—	16	.438
$\frac{5}{8}$	.562	12	.484	18	.516	24	.516	—	—	UNC	—	16	.500
$\frac{3}{4}$	.625	11	.531	18	.578	24	.578	—	—	12	.547	16	.562
$\frac{7}{8}$	.750	10	.656	16	.688	20	.703	—	—	12	.672	UNF	—
$\frac{15}{16}$	.875	9	.766	14	.812	20	.828	—	—	12	.797	16	.812
1	1.000	8	.875	12	.922	20	.953	UNC	—	UNF	—	16	.938
1 $\frac{1}{8}$	1.125	7	.984	12	1.047	18	1.078	8	1.000	UNF	—	16	1.062
1 $\frac{1}{4}$	1.250	7	1.109	12	1.172	18	1.188	8	1.125	UNF	—	16	1.188
1 $\frac{3}{8}$	1.375	6	1.219	12	1.297	18	1.312	8	1.250	UNF	—	16	1.312
1 $\frac{1}{2}$	1.500	6	1.344	12	1.422	18	1.438	8	1.375	UNF	—	16	1.438
1 $\frac{5}{8}$	1.625	—	—	—	—	18	—	8	1.500	12	1.547	16	1.562
1 $\frac{3}{4}$	1.750	5	1.562	—	—	—	—	8	1.625	12	1.672	16	1.688
1 $\frac{7}{8}$	1.875	—	—	—	—	—	—	8	1.750	12	1.797	16	1.812
2	2.000	4.5	1.781	—	—	—	—	8	1.875	12	1.922	16	1.938
2 $\frac{1}{4}$	2.250	4.5	2.031	—	—	—	—	8	2.125	12	2.172	16	2.188
2 $\frac{1}{2}$	2.500	4	2.250	—	—	—	—	8	2.375	12	2.422	16	2.438
2 $\frac{3}{4}$	2.750	4	2.500	—	—	—	—	8	2.625	12	2.672	16	2.688
3	3.000	4	2.750	—	—	—	—	8	2.875	12	2.922	16	2.938
3 $\frac{1}{4}$	3.250	4	3.000	—	—	—	—	8	3.125	12	3.172	16	3.188
3 $\frac{1}{2}$	3.500	4	3.250	—	—	—	—	8	3.375	12	3.422	16	3.438
3 $\frac{3}{4}$	3.750	4	3.500	—	—	—	—	8	3.625	12	3.668	16	3.688
4	4.000	4	3.750	—	—	—	—	8	3.875	12	3.922	16	3.938