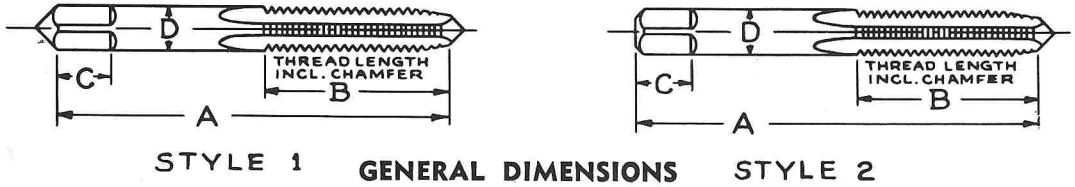


Table 27 — MACHINE SCREW TAPS



STYLE 1 GENERAL DIMENSIONS STYLE 2

Size	DIMENSIONS — INCHES					
	Basic Major Diameter	Length Overall A	Length of Full Thread B	Length of Square C	Diameter of Shank D	Size of Square E
0	.060	1 ⁵ / ₈	5 ⁵ / ₁₆	3 ¹ / ₁₆	.141	.110
1	.073	1 ¹¹ / ₁₆	3 ³ / ₈	3 ¹ / ₁₆	.141	.110
2	.086	1 ³ / ₄	7 ¹ / ₁₆	3 ¹ / ₁₆	.141	.110
3	.099	1 ¹³ / ₁₆	1 ¹ / ₂	3 ¹ / ₁₆	.141	.110
4	.112	1 ⁷ / ₈	9 ¹ / ₁₆	3 ¹ / ₁₆	.141	.110
5	.125	1 ¹⁵ / ₁₆	5 ⁵ / ₈	3 ¹ / ₁₆	.141	.110
6	.138	2	1 ¹ / ₁₆	3 ¹ / ₁₆	.141	.110
7	.151	2 ¹ / ₁₆	3 ³ / ₄	1 ¹ / ₄	.168	.131
8	.164	2 ¹ / ₈	3 ³ / ₄	1 ¹ / ₄	.168	.131
9	.177	2 ¹ / ₄	1 ³ / ₁₆	1 ¹ / ₄	.194	.152
10	.190	2 ³ / ₈	7 ¹ / ₈	1 ¹ / ₄	.194	.152
12	.216	2 ³ / ₈	1 ⁵ / ₁₆	9 ¹ / ₃₂	.220	.165
14	.242	2 ¹ / ₂	1	5 ¹ / ₁₆	.255	.191

#0 To and Including #12 Style 1

#14 Style 2

Table 29 — NUT TAPS

GENERAL DIMENSIONS

Diam. of Tap Inches	THREADS PER INCH			DIMENSIONS — INCHES				
	N.C.	N.F.	N.S.	Length Overall A	Length of Thread B	Length of Square C	Diameter of Shank D	Size of Square E
1/4	20		..	5	1 ⁵ / ₈	9 ¹ / ₁₆	.185	.139
1/4		28	..	5	1 ¹ / ₄	5 ¹ / ₁₆	.185	.139
3/16	18		..	5 ¹ / ₂	1 ¹³ / ₁₆	5 ⁵ / ₈	.240	.180
3/16		24	..	5 ¹ / ₂	1 ³ / ₈	5 ⁵ / ₈	.240	.180
3/8	16		..	6	2	1 ¹ / ₁₆	.294	.220
3/8		24	..	6	1 ¹ / ₂	1 ¹ / ₁₆	.294	.220
7/16	14		..	6 ¹ / ₂	2 ³ / ₈	3 ³ / ₄	.345	.259
7/16		20	..	6 ¹ / ₂	1 ³ / ₄	3 ³ / ₄	.345	.259
1/2	13		..	7	2 ¹ / ₂	7 ¹ / ₈	.400	.300
1/2		20	..	7	1 ⁷ / ₈	7 ¹ / ₈	.400	.300
9/16	12		..	7 ¹ / ₂	2 ³ / ₄	7 ¹ / ₈	.450	.337
9/16		18	..	7 ¹ / ₂	2	7 ¹ / ₈	.450	.337
5/8	11		..	8	3	1 ⁵ / ₁₆	.503	.377
5/8		18	..	8	2 ¹ / ₄	1 ⁵ / ₁₆	.503	.377
11/16	..	..	11	8 ¹ / ₂	3	1	.565	.424
11/16	..	..	16	8 ¹ / ₂	2 ¹ / ₄	1	.565	.424
3/4	10		..	9	3 ¹ / ₄	1	.616	.462
3/4		16	..	9	2 ¹ / ₂	1	.616	.462
13/16	..	..	10	9 ¹ / ₂	3 ¹ / ₄	1 ¹ / ₁₆	.679	.509
7/8	9		..	10	3 ⁵ / ₈	1 ¹ / ₁₆	.727	.545
7/8		14	..	10	2 ³ / ₄	1 ¹ / ₁₆	.727	.545
7/8	..	..	18	10	2 ³ / ₄	1 ¹ / ₁₆	.727	.545
15/16	..	..	9	10 ¹ / ₂	3 ⁵ / ₈	1 ¹ / ₈	.789	.592
1	8		..	11	4	1 ¹ / ₈	.834	.625
1		12	..	11	3 ¹ / ₂	1 ¹ / ₈	.834	.625
1	..	..	14	11	3	1 ¹ / ₈	.834	.625