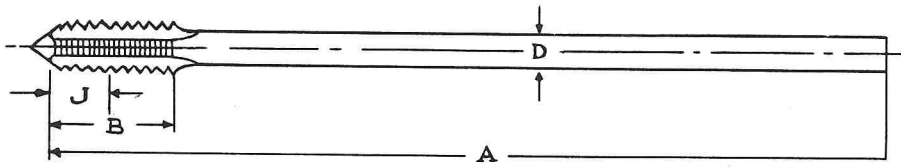


Table 32

TAPPER TAPS — MACHINE SCREW SIZES



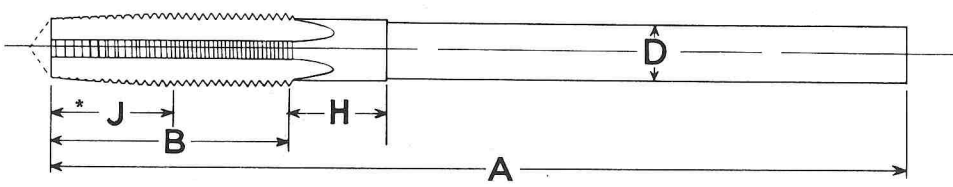
GENERAL DIMENSIONS

SIZE	THREADS PER INCH				DIMENSIONS — INCHES		
	Basic Major Diameter	N.C.	N.F.	N.S.	Length Overall A	Length of Thread B	Diameter of Shank D
2	.086	56	..	..	5	1 ¹ / ₃₂	.063
2	.086	..	64	..	5	5 ¹ / ₁₆	.066
3	.099	48	..	..	5	13 ¹ / ₃₂	.072
3	.099	..	56	..	5	1 ¹ / ₃₂	.076
4	.112	..	..	36	6	9 ¹ / ₁₆	.076
4	.112	40	..	..	6	1 ¹ / ₂	.080
4	.112	..	48	..	6	13 ¹ / ₃₂	.085
5	.125	40	..	..	8	1 ¹ / ₂	.093
5	.125	..	44	..	8	7 ¹ / ₁₆	.096
6	.138	32	..	..	8	5 ¹ / ₈	.097
6	.138	..	40	..	8	1 ¹ / ₂	.106
8	.164	32	..	..	9	5 ¹ / ₈	.123
8	.164	..	36	..	9	9 ¹ / ₁₆	.128
10	.190	24	..	..	11	13 ¹ / ₁₆	.136
10	.190	..	32	..	11	5 ¹ / ₈	.149
12	.216	24	..	..	11	13 ¹ / ₁₆	.162
12	.216	..	28	..	11	23 ¹ / ₃₂	.170
14	.242	..	..	20	11	1	.177
14	.242	..	..	24	11	13 ¹ / ₁₆	.188

* J 11-12 THDS. NC
15-17 THDS. NF

Table 30 — TAPPER TAPS

Fractional Sizes



GENERAL DIMENSIONS

Diameter of Tap Inches	THREADS PER INCH			DIMENSIONS — INCHES			
	N.C.	N.F.	N.S.	Length Overall A	Length of Thread B	Diameter of Shank D	Nut Guide H
1/4	20	..	..	12	1 1/4	.185	..
1/4	..	28	..	12	1	.185	1/4
5/16	18	..	..	12	1 3/8	.240	..
5/16	..	24	..	12	1 1/16	.240	5/16
3/8	16	..	..	12	1 1/16	.294	..
3/8	..	24	..	12	1 3/16	.294	3/8
7/16	14	..	..	12	1 13/16	.345	..
7/16	..	20	..	12	1 3/8	.345	7/16
1/2	13	..	..	12	1 7/8	.400	..
1/2	..	20	..	12	1 3/8	.400	1/2