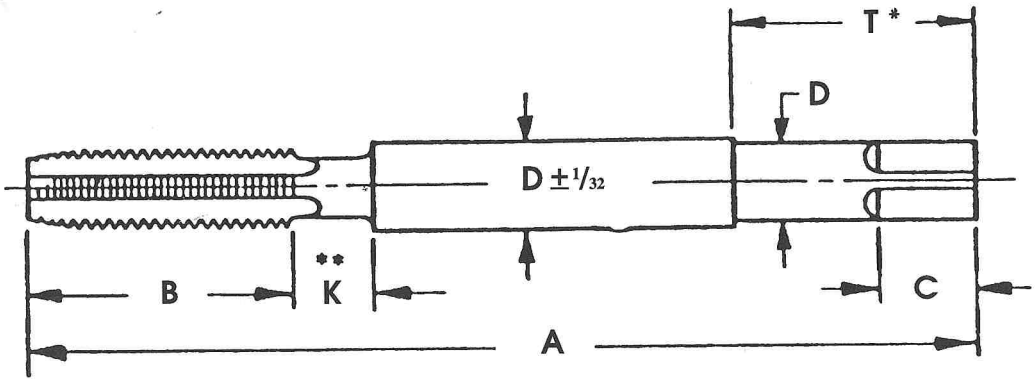


STANDARD TAPS AND DIES

Table 310
Issue 6

Correct Jan. 8, 1969
Effective Jan. 8, 1969

TABLE 310 Pulley Taps



General Dimensions

Diameter of Tap Inches	Dimensions - Inches						
	Length Overall A	Length of Thread B	Length of Square C	Diameter of Shank D	Length of Close Tolerance T*	Size of Square E	Length of Neck K
1/4	6, 8	1	5/16	.255	1 1/2	.191	3/8
5/16	6, 8	1 1/8	3/8	.318	1 9/16	.238	3/8
3/8	6, 8, 10	1 1/4	7/16	.381	1 5/8	.286	3/8
7/16	6, 8	1 7/16	1/2	.444	1 11/16	.333	7/16
1/2	6, 8, 10, 12	1 21/32	9/16	.507	1 11/16	.380	1/2
5/8	6, 8, 10, 12	1 13/16	11/16	.633	2	.475	5/8
3/4	10, 12	2	3/4	.759	2 1/4	.569	3/4

Tolerances

Element	Range	Direction	Tolerance
Length Overall - A	1/4" to 3/4" incl.	Plus or Minus	1/16"
Length of Thread - B	1/4" to 3/4" incl.	Plus or Minus	1/16"
Length of Square - C	1/4" to 3/4" incl.	Plus or Minus	1/32"
Diameter of Shank - D	1/4" to 3/4" incl.	Minus	.005"
Size of Square - E	{ 1/4" to 1/2" incl. 5/8" to 3/4" incl.	Minus Minus	.004" .006"

Formula (Approximate)

Diameter of Shank "D" = Maximum Major Diameter.
Size of Square = Diameter of Shank "D" x .75 to nearest .001".

Notes

- These taps have internal center in thread end.
- These Taps are made to the H3 limits shown in Table 327.
- For eccentricity tolerances of tap elements see Table 317.
- *T is minimum length of shank which is held to eccentricity tolerances per Table 317.
- **Optional with manufacturer.