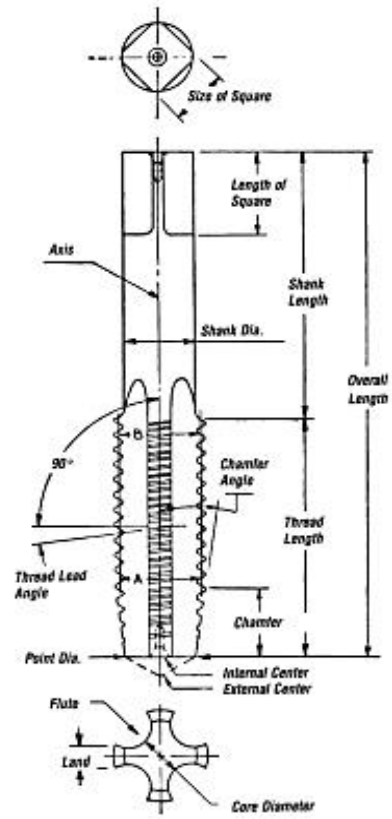


Black Oxide Taps and Dies



Note: Tap and die size is indicated by two numbers. The first number represents the diameter of the screw or bolt. The second number represents threads per inch. The letters after the tap size indicate particular screw or bolt standard:

- NC = National Coarse
- NF = National Fine
- NS = National Special
- NEF = National Extra Fine
- NPT = National Pipe Taper
- BSP = British Standard Pipe
- D.I.N. = French International Standard

Example: A 1/4-20 NC tap will cut 1/4" outside diameter with 20 threads per inch for a National Coarse-type screw.

Product Info—Tap Point Styles



Taper

- Taper**
- ▶ 8–10 chamfered threads at the tip ideal for starting threads in tough materials
 - ▶ Longest chamfer of all three types
 - ▶ Commonly used in through holes and with materials where a guide is necessary
 - ▶ Requires less torque due to more working teeth



Plug

- Plug (most widely used)**
- ▶ General purpose tap, with 3–5 chamfered threads
 - ▶ Used when there is sufficient room on a blind hole and tapping to the bottom is not required



Bottoming

- Bottoming**
- ▶ Used after the threads have been started
 - ▶ 1–3 chamfered threads at the tip are enough to start the hole and taps all the way to the bottom

