

Homework - Identification & Use of Taps

Student Name _____ Date _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) Spiral pointed taps are used: 1) _____
A) To tap through holes B) To tap shallow blind holes
C) To tap deep holes D) As thread forming taps
- 2) Fluteless spiral pointed taps are used to tap: 2) _____
A) Tough materials B) Holes in sheet metal
C) Nuts D) Deep holes
- 3) Spiral fluted taps are used: 3) _____
A) Because they tend to push chips ahead of them
B) To cut undersized threads
C) To tap deep blind holes
D) To cut oversized threads
- 4) Thread forming taps: 4) _____
A) Produce only small chips B) Cannot be used on a drill press
C) Push the chips ahead of them D) Produce no chips
- 5) Serial taps of the same nominal size: 5) _____
A) Have different pitch diameters B) Can be used in any sequence
C) Are used in mass production D) Have the same pitch diameters
- 6) The size of a tap is marked on the: 6) _____
A) Body B) Handle C) End D) Shank
- 7) The difference between the taps in a standard (not serial) set is found on the: 7) _____
A) Pitch diameter B) Flutes C) Chamfer D) Shank
- 8) Taps are surface treated to: 8) _____
A) Keep them from corroding B) Improve their wear resistance
C) Improve their appearance D) Be used on automatic machines
- 9) The rake angle of the cutting edge of a tap varies: 9) _____
A) On thread forming taps B) For different materials
C) For shallow or deep holes D) To allow lubricant to penetrate
- 10) Taps can be surface treated by: 10) _____
A) Nickel plating B) Tempering C) Nitriding D) Anodizing