

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