

## Homework - Tapping Procedures

Student Name \_\_\_\_\_ Date \_\_\_\_\_

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

- 1) A tap is driven with: 1) \_\_\_\_\_  
A) A tap handle B) A combination wrench  
C) Pliers D) An adjustable wrench
- 2) The alignment of a tap is checked with a: 2) \_\_\_\_\_  
A) Square B) Plum bob C) Level D) Dividers
- 3) To thread to the bottom of a blind hole, which tap should you use? 3) \_\_\_\_\_  
A) Taper B) Pointed C) Bottoming D) Plug
- 4) The length (depth) of a tapped hole should be how many times the diameter of the screw? 4) \_\_\_\_\_  
A) One-half B) One and one-half  
C) Two and one-half D) Three and one-half
- 5) The size of a tap drill is important because it: 5) \_\_\_\_\_  
A) Determines the depth of the hole B) Forms the major diameter  
C) Determines the size of the thread D) Regulates the percentage of threads
- 6) Taps may break when tapping: 6) \_\_\_\_\_  
A) If the holes are drilled too deep B) If the chips clog the flutes  
C) Because the tap drill was too large D) If the tap used is too sharp
- 7) Dull taps: 7) \_\_\_\_\_  
A) Produced polished threads  
B) Should be honed more frequently  
C) Should be used with slower cutting speeds  
D) Produce oversized threads
- 8) Tap cutting speeds that are too high: 8) \_\_\_\_\_  
A) May cause burnished threads B) May cause tap breakage or dulling  
C) Use too much cutting oil D) All of the above
- 9) Rough threads in a tapped hole can be caused by: 9) \_\_\_\_\_  
A) Dull taps B) Chips clogging the flutes  
C) Insufficient lubrication D) All of the above
- 10) The strength of a tapped holes is determined by: 10) \_\_\_\_\_  
A) The percentage of thread depth cut B) The material being tapped  
C) The depth of thread engagement D) All of the above