

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
C) Determines the size of the thread B) Forms the major diameter
D) Regulates the percentage of threads

- 6) Taps may break when tapping: 6) _____
A) If the holes are drilled too deep
C) Because the tap drill was too large B) If the chips clog the flutes
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
C) Use too much cutting oil B) May cause tap breakage or dulling
D) All of the above

- 9) Rough threads in a tapped hole can be caused by: 9) _____
A) Dull taps
C) Insufficient lubrication B) Chips clogging the flutes
D) All of the above

- 10) The strength of a tapped holes is determined by: 10) _____
A) The percentage of thread depth cut
C) The depth of thread engagement B) The material being tapped
D) All of the above