

Homework - Reaming in the Drill Press

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

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

- 1) Reaming stock allowance in inches for machine reaming a 3/8 inch diameter hole should be? 1) \_\_\_\_\_  
A) .025                      B) .005                      C) .035                      D) .015
- 2) Compared with the speed for drilling the same material, the speed for reaming is \_\_\_\_\_ that for drilling. 2) \_\_\_\_\_  
A) One-fourth to One-half                      B) Higher than  
C) Equal                      D) One-fourth
- 3) Compared with the feed rate for drilling the same material, the feed rate for reaming is \_\_\_\_\_ that for drilling. 3) \_\_\_\_\_  
A) Equal                      B) 2 times                      C) One-half                      D) 4 times
- 4) A high quality surface finish is obtained by: 4) \_\_\_\_\_  
A) Using a polishing reamer                      B) Using a high cutting speed  
C) Rotating the the reamer in reverse                      D) Using a small feed rate
- 5) A bell-mouthed hole is caused by: 5) \_\_\_\_\_  
A) A slightly tapered reamer                      B) A misaligned reamer  
C) A worn reamer                      D) An oversized reamer
- 6) An oversized hole is caused by: 6) \_\_\_\_\_  
A) A built up edge                      B) A bent reamer  
C) The wrong coolant                      D) All of the above
- 7) Coolant is used while reaming to: 7) \_\_\_\_\_  
A) Improve surface finish                      B) Wash away chips  
C) Cool the tool                      D) All of the above
- 8) To eliminate chatter while reaming: 8) \_\_\_\_\_  
A) Increase feed                      B) Increase speed  
C) Decrease feed                      D) None of the above
- 9) A poor quality surface finish is caused by: 9) \_\_\_\_\_  
A) Too small a reaming allowance                      B) Too high a feed rate  
C) Too high a cutting speed                      D) All of the above