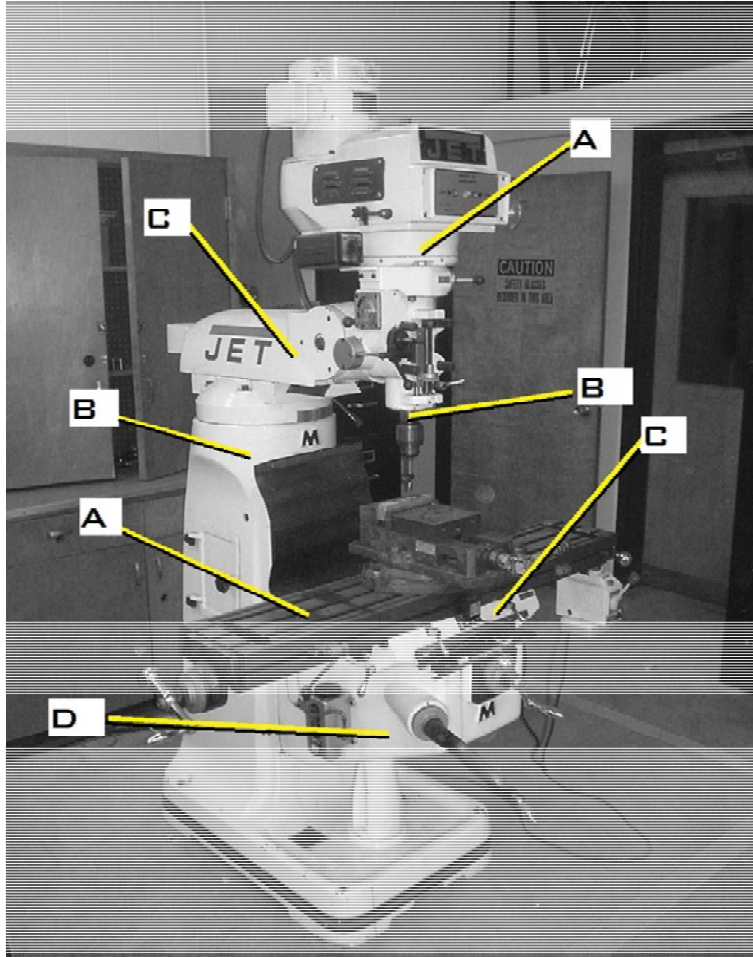


Study Guide - Milling

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. Which of the following is not true of peripheral milling?
- a. Also called "slab" milling
 - b. Milled surface is perpendicular to the cutting axis
 - c. Cuts with the periphery of the cutter
 - d. Milled surface is parallel to the cutter axis
- _____ 2. Using the formula $\text{rpm} = 4V/D$, convert following the cutting speed to rpm.
Speed = 2000fpm
Tool Diameter = 2.5"
- a. 320
 - b. 3200
 - c. .005
 - d. 800
- _____ 3. Which of the following is not a common type of milling machine?
- a. Vertical mill
 - b. Horizontal mill
 - c. Knee mill
 - d. Runner-D mill
- _____ 4. A precision work holding device which consists of a tapered feature which is segmented so that it centers and holds round stock when tightened. Specialized versions of these are also available in shapes for other than round stock. On a mill, these are used to hold tools.
- a. Compound Rest
 - b. Chuck
 - c. Collet
 - d. Carriage



- ___ 5. From the figure above, identify the ram.
- | | |
|------|------|
| a. A | c. C |
| b. B | d. D |
- ___ 6. From the figure above, identify the saddle.
- | | |
|------|------|
| a. A | c. C |
| b. B | d. D |
- ___ 7. From the figure above, identify the head.
- | | |
|------|------|
| a. A | c. C |
| b. B | d. D |
- ___ 8. From the figure above, identify the knee.
- | | |
|------|------|
| a. A | c. C |
| b. B | d. D |
- ___ 9. From the figure above, identify the table
- | | |
|------|------|
| a. A | c. C |
| b. B | d. D |

Name: _____

ID: A

- _____ 10. From the figure above, identify the spindle.
- a. A
 - b. B

- c. C
- d. D