

CHAPTER 27 Drill Press

Matching

Directions: Identify the parts of the drill press shown in Fig. 27-1. On the line next to the name of each part, write the letter from the illustration that shows the part.

- _____ 1. on/off switch
- _____ 2. chuck
- _____ 3. quill feed lever
- _____ 4. column
- _____ 5. belt-and-pulley housing
- _____ 6. tilting table
- _____ 7. depth stop
- _____ 8. motor
- _____ 9. rack-and-pinion mechanism
- _____ 10. spindle

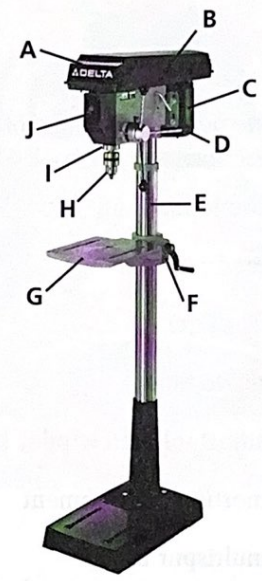


Fig. 27-1

Completion

Directions: On the line to the left of each sentence, write the word or phrase that correctly completes the sentence or answers the question.

- _____ 11. A bit used to cut cross-grain and end-grain plugs and dowels is known as a(n) _____. (two words)
- _____ 12. The ___ or stop controls how far the drill bit or cutting tool can move. (two words)
- _____ 13. Use a(n) ___ to drill holes that are 1/4 inch or smaller. (two words)
- _____ 14. To drill a hole in round (cylindrical) stock, you should first place the stock in a(n) _____.

(Continued on next page)

Name _____ Date _____ Class _____

True or False

Directions: Read each statement carefully. If the statement is true, write **True** in the blank to the left of that numbered item. If the statement is false, write **False** in the blank.

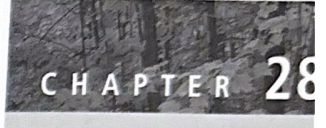
- _____ 15. When used at the proper speed, a drill press can be used for sanding.
- _____ 16. On machines with step pulleys, the speed is set by the way the belt is arranged on the pulleys.
- _____ 17. You should always turn the power off before adjusting the depth stop.

Matching

Directions: On the line next to the name of each tool for the drill press, write the letter that corresponds to the description of the tool.

- | | |
|--------------------------------------|--|
| _____ 18. countersink bit | A. installs and countersinks flathead screws |
| _____ 19. brad-point bit | B. fast-cutting bit that leaves a rather rough hole |
| _____ 20. fly cutter | C. cuts perfectly round, flat-bottomed holes |
| _____ 21. spade bit | D. a bit with a sharp point that lets you place the hole exactly where you want it |
| _____ 22. adjustable screw pilot bit | E. cuts circular holes from 1 to 4 inches in diameter |
| _____ 23. mortising attachment | F. cone-shaped bit that enlarges the top of a hole so that a flathead screw can be driven flush with the surface |
| _____ 24. multispur bit | G. cuts holes up to 6 inches in diameter |
| _____ 25. hole saw | H. a drill bit surrounded by a four-sided chisel |

Name _____



Matching

Directions: Identify the parts of the router part, write the letter from the illustration

- _____ 1. motor casing
- _____ 2. motor brushes cover
- _____ 3. baseplate
- _____ 4. depth adjustment
- _____ 5. router bit
- _____ 6. on/off switch
- _____ 7. D-handle

Completion

Directions: On the line to the left of each sentence or answers the question.

- _____ 8. The type of router springs is a(n) _____
- _____ 9. The part of the router that is used to adjust the depth of the cut is the _____
- _____ 10. Routing that is used to create a decorative edge is called _____
- _____ 11. A pattern used to create a decorative edge is known as a(n) _____
- _____ 12. Some router bits have a _____ edge of the wood.
- _____ 13. On a router with a _____, wrenches are not used.

(Continued)

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