Matching

Directions: Identify each part of the power drill and bit shown in Fig. 6-1. On the line next to the name of each part, write the letter from the illustration that shows the part.

______ 1. collar
______ 2. jaws
______ 3. bit shank
______ 4. chuck key

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.

______ 5. The tool being used in Fig. 6-2 is a(n) ___ (two words)

______ 6. The size of a twist drill is stamped on its ___

______ 7. A 5 stamped on an auger bit shows that the bit is ___ inch in diameter.

______ 8. To use a twist drill, fasten it into the ___ of a bit brace.

(Continued on next page)
9. A power drill for woodworking should be variable-speed and ___.

10. A(n) ___ can be used to drill holes ¼ inch or less in diameter by turning the crank. (two words)

11. The size of a brace is determined by the size of its ___.

12. A depth ___ controls the depth of the hole being drilled.

13. A common aid for drilling holes that hold two pieces of wood together is a(n) ___ jig. (two words)

14. When drilling a through hole, clamp a piece of scrap wood to the exit side of the workpiece to prevent ___.

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. A power drill with a larger chuck provides less torque than a power drill with a smaller chuck.

16. Variable-speed power drills allow you to adjust speed by turning a thumbscrew.

17. As the torque of a power drill increases, drill speed decreases.

18. Pliers are needed to change a drill bit in a power drill that has a keyless chuck.

19. The only difference between a “power drill” and a “power screwdriver” is the type of bit that has been inserted into the chuck.

20. When using an auger bit to drill a through hole, drill all the way through the workpiece deep into the scrap wood.

Step-by-Step Procedures: Drilling a Hole

Directions: Match each item in Column I with the correct step number in Column II. Write one letter in the blank at the left of each numbered item.

<table>
<thead>
<tr>
<th>Column I</th>
<th>Column II</th>
</tr>
</thead>
<tbody>
<tr>
<td>21. Pressing straight down, begin to drill the hole.</td>
<td>A. Step 1</td>
</tr>
<tr>
<td>22. Place the point of the bit in the starter hole.</td>
<td>B. Step 2</td>
</tr>
<tr>
<td>23. Choose the correct size bit and fasten it to the drill.</td>
<td>C. Step 3</td>
</tr>
<tr>
<td>24. Use a scratch awl to make a small hole at the center of the hole location.</td>
<td>D. Step 4</td>
</tr>
<tr>
<td>25. Clamp the workpiece in a vise or to the workbench.</td>
<td>E. Step 5</td>
</tr>
</tbody>
</table>