

Study Guide - Drilling and Holemaking

Multiple Choice

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

- _____ 1. This type of hole intersects another hole within a workpiece.
- a. Through (thru) hole
 - b. Blind hole
 - c. Interrupted hole
 - d. Trepanned hole
- _____ 2. This type of hole typically is preferred due to its simplicity.
- a. Through (thru) hole
 - b. Blind hole
 - c. Interrupted hole
 - d. Trepanned hole
- _____ 3. On a twist drill, this feature allows a space for the chips to move out of the hole.
- a. Shank
 - b. Web
 - c. Flute
 - d. Margin
- _____ 4. The twist drill is held and driven by the _____. These can be straight for use in collets or drill chucks, or tapered for mounting directly into machine spindles.
- a. Shank
 - b. Web
 - c. Flute
 - d. Margin
- _____ 5. The _____ is the solid part of the drill bit along the axis of the tool.
- a. Shank
 - b. Web
 - c. Flute
 - d. Margin
- _____ 6. This type of drill reduces the amount of material that must be removed. Only cuts a ring of material out. Lasers drill by this method.
- a. Center drill
 - b. Trepan
 - c. Spade drill
 - d. Twist drill
- _____ 7. For long holes such as those found in gun bores, _____ drills are used. The length of the hole requires that coolant be delivered through the shaft of the drill to the cutting front.
- a. Trepan
 - b. Gun
 - c. Military
 - d. Spade
- _____ 8. Periodically withdrawing the drill to clear chips is called:
- a. Stepping
 - b. Pecking
 - c. Burnishing
 - d. High speed drilling