

Automotive Engines 10th

Chapter 5 Hand Tools

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

1. Why are wrenches offset 15 degrees?
2. What are the other names for a line wrench?
3. What is inside a dead-blow hammer?
4. Which type of screwdriver requires the use of a hammer or mallet?
5. What are the standard automotive drive sizes for sockets?

Answer Key

Testname: ENGINES 10 SHORT05

1. Wrenches are offset 15 degrees to allow for clearance for the wrench when it is being rotated near other fasteners. The 15 degrees offset at the open end allows the wrench to be repositioned and the fastener rotated while in close areas.

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2. A line wrench may also be called a flare-nut wrench, a fitting wrench, or a tube-nut wrench.

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3. Small lead balls (shot) are inside a metal housing that is encased with plastic in a dead-blow hammer.

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4. An impact-type screwdriver is designed to be used with a hammer or mallet to loosen screws.

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5. The standard automotive drive size for sockets include $\frac{1}{4}$ in., $\frac{3}{8}$ in., and $\frac{1}{2}$ in.

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