

Automotive Technology 7th Edition
Chapter 8: Fasteners and Thread Repair
Short Answer Quiz

Name: _____ Date: _____

1. How do automotive service technicians typically refer to cap screws when threaded into a casting??

2. Describe the key difference in the design of a stud in comparison to a bolt.

3. In the context of the text, what does the term "pitch" refer to regarding threads, and how can it be measured?

4. How are the strength or classification of bolts indicated, and where can this indication typically be found?

5. Explain the design and purpose of a "castle nut" and how it secures in place.

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6. How do plain flat washers differ in function from lock washers when used under a nut?

7. Why are lock washers not recommended for use on soft metals such as aluminum?

8. Describe the purpose and function of a star washer and in which contexts they are typically utilized.

9. Explain the difference between an expanding snap ring and a contracting snap ring.

10. How does the installation of a self-tapping insert differ from the installation of a solid-bushing insert?
