

Automotive Technology 7th Edition
Chapter 103: Machining Brake Drums and Rotors
Short Answer Quiz

Name:

Date:

1. What is the primary cause of brake pedal pulsation during braking as mentioned in the document?
2. Explain the significance of "machine to" specifications versus "discard" in the context of brake drums.
3. Describe the procedure for qualifying a brake lathe and its purpose.
4. What are the consequences of hard spots on brake drums and rotors?
5. How does the arithmetic average roughness height (AARH), Ra, relate to the surface finish of a rotor?

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6. Discuss the factors that can lead to drum and rotor damage as outlined in the document.

7. What is the recommended action when hard spots are found on a drum or rotor?

8. Explain the impact of rotor surface finish on braking effectiveness.

9. What is the recommended machining process for a brake drum that has light heat checking?

10. Describe the process and rationale for on-the-vehicle rotor machining as recommended by some vehicle manufacturers.