Machining Brake Drums And Rotors
Chapter 104

ACROSS
1. _____ _________ ______ is another name for lateral runout.
3. Heat is absorbed by the drum or rotor and travels from the friction surface as the remainder of the drum or rotor by heat _______.
7. Surface finish is measured in units called ____________.
10. A _______ ___ is when you advance the tool bit manually until it just contacts the drum.
11. _____________ is side-to-side wobble of the rotor as it rotates on the spindle.
12. Use a ___-___________ to be assured of even force being applied to the drum by the spindle nut.
13. Uneven heat distribution can sometimes cause ___________ distortion in which the drum radius varies when measured at different points around its circumference.
14. Lack of ________ is a variation in the thickness of the rotor when it is measured at several places around its circumference.
15. ________ is another name for rotors.
16. A lesser form of drum and rotor cracking is called _________.
17. When an open edge of a brake drum friction surface has a larger diameter than the closed edge, the drum is suffering from _________ distortion.
18. _________ is an extreme form of drum and rotor wear consisting of scratches, deep grooves, and a generally rough finish on the friction surface.
19. _________ use a steel center section with a cast iron wear surface.

DOWN
2. ________ _________ is another name for lack of parallelism.
4. _____________ exists when the geometric center of the circle described by the brake drum friction surface is other than the center of the axle or the bolt circle of the drum web.
5. _________ are another name for hard spots.
6. When the brakes are applied harder to compensate for the fade, the shoes distort the open edge of the drum so far outward that the _______ _____ of its metal is exceeded.
8. If brake temperatures become too great, localized impurities in the metal can be burned away, altering the structure of the metal and causing _______ to appear.
9. Metal clips called ____________ are installed at the factory to keep the brake drums from falling off during vehicle assembly.