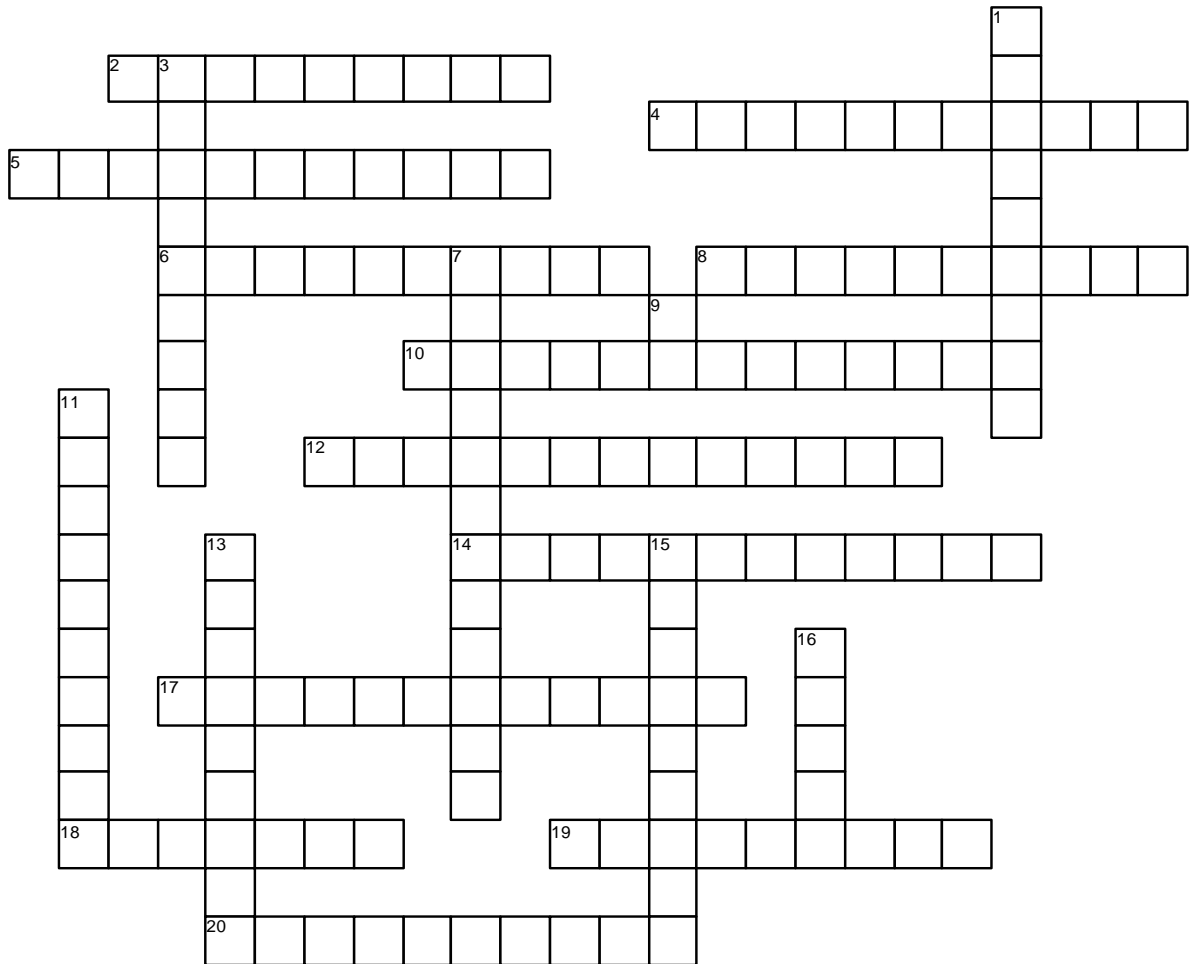


Machining Brake Drums And Rotors

Chapter 103



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ACROSS

- 2 Parallelsim is also called _____ variation (TV).
- 4 The lack of _____ is a variation in the thickness of the rotor when it is measured at several places around the circumference.
- 5 Surface finish is measured in units called _____.
- 6 A _____ is performed on a lathe by advancing the tool bit manually until it just contact the drum.
- 8 Uneven heat distortion can sometimes cause _____ distortion in which the drum radius varies when measured at different points around its circumference.
- 10 _____ is side-to-side wobble of the rotor as it rotates on the spindle.
- 12 A variation in thickness of the rotor is commonly called _____ variation (DTV).
- 14 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.
- 17 Use a _____ spacer (SAS) to be assured of even force being applied to the drum by the spindle nut.
- 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 _____ rotors use a steel center section with cast-iron wear surface.
- 20 Heat is absorbed by the drum or rotor and travels from the friction surface to the remainder of the drum or rotor by heat _____.

DOWN

- 1 When an open edge of a brake drum friction surface has a larger diameter than the closed edge, the drum is suffering from _____ distortion.
- 3 If brake temperatures become too

- great, localized impurities in the metal can be burned away, altering the structure of the metal and causing _____.
- 7 A lesser form of drum and rotor cracking is called _____, which consist of many small, interlaced cracks on the friction surface.
- 9 _____ is the average of all peaks and valleys from the mean (average) line.
- 11 Hard spots are also called _____.
- 13 _____ distortion 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 web.
- 15 Metal clips called _____ nuts are installed at the factory to keep the brake drums from falling off during assembly.
- 16 Rotors, also called _____ have mass (weight) that absorb heat.