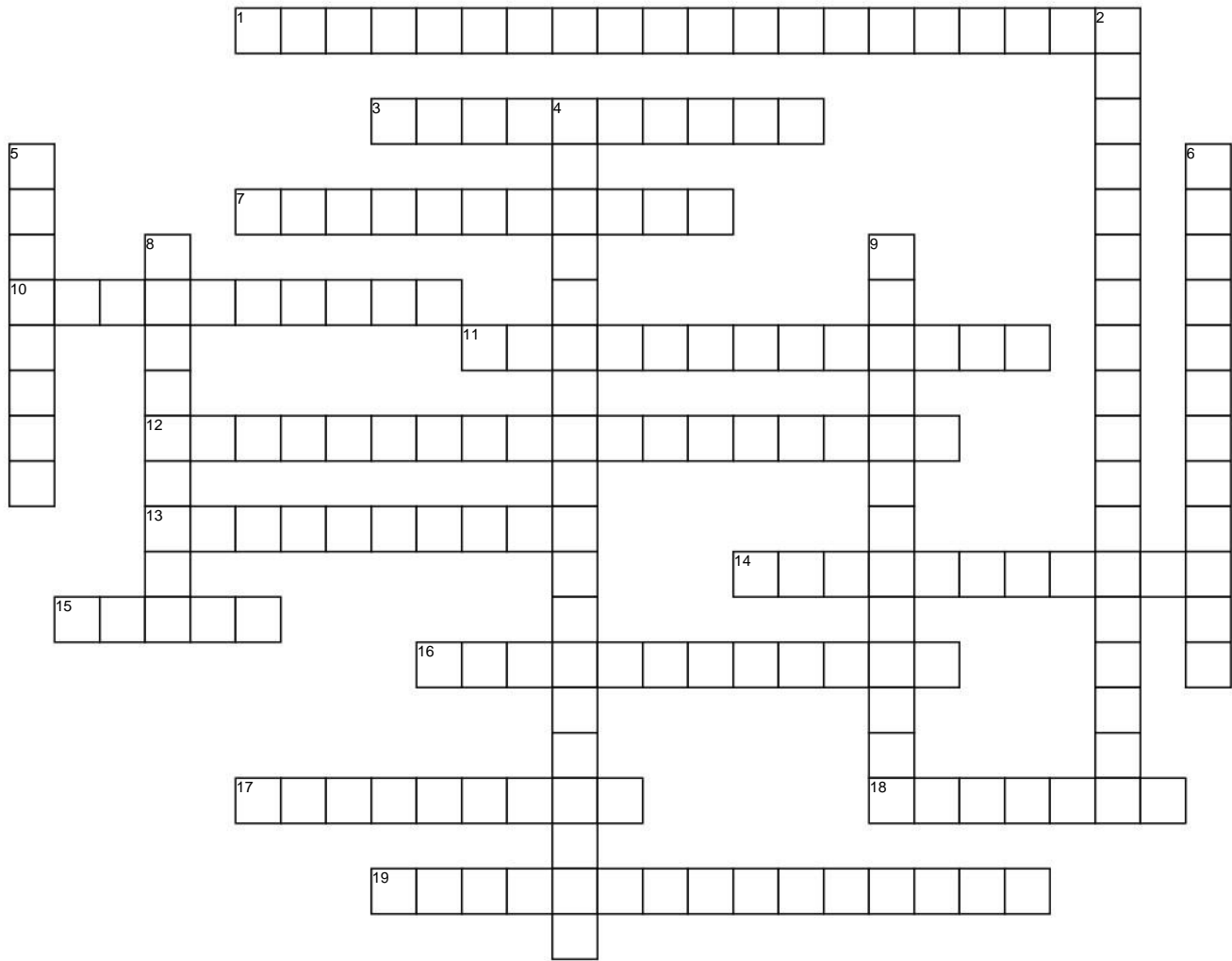


Machining Brake Drums And Rotors

Chapter 15



<http://jameshalderman.com>

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.