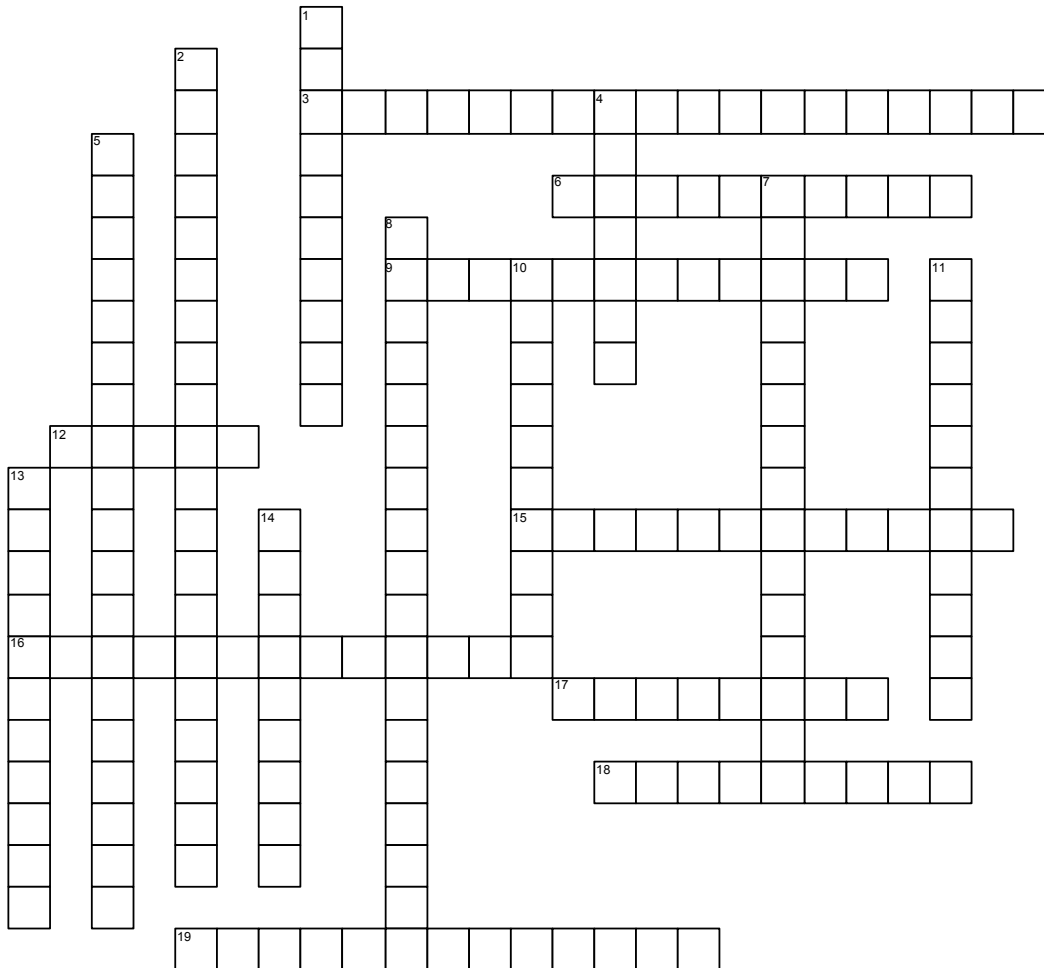


# Drum/Rotor Machining

## Chapter 61



<http://jamshaldeman.com>

### ACROSS

- 3 \_\_\_\_\_ is another name for lack of parallelism.  
 6 Heat is absorbed by the drum or rotor and travels from the friction surface as the remainder of the drum or rotor by heat \_\_\_\_\_.  
 9 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.  
 12 \_\_\_\_\_ is another name for rotors.  
 15 A lesser form of drum and rotor cracking is called \_\_\_\_\_.  
 16 \_\_\_\_\_ is side-to-side wobble of the rotor as it rotates on the spindle.  
 17 \_\_\_\_\_ are another name for hard spots.  
 18 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.  
 19 Metal clips called \_\_\_\_\_ are installed at the factory to keep the brake drums from falling off during vehicle assembly.

### DOWN

- 1 Uneven heat distribution can sometimes cause \_\_\_\_\_ - \_\_\_\_\_ distortion in which the drum radius varies when measured at different points around its circumference.  
 2 \_\_\_\_\_ is another name for lateral runout.  
 4 \_\_\_\_\_ is an extreme form of drum and rotor wear consisting of scratches, deep grooves, and a generally rough finish on the friction surface.  
 5 \_\_\_\_\_ 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.  
 7 \_\_\_\_\_ use a steel center section with a cast iron wear surface.  
 8 Use a \_\_\_\_\_ to be assured of even force being applied to the drum by the spindle nut.  
 10 A \_\_\_\_\_ is when you advance the tool bit manually until it just contacts the drum.  
 11 Surface finish is measured in units called \_\_\_\_\_.  
 13 Lack of \_\_\_\_\_ is a variation in the thickness of the rotor when it is measured at several places around its circumference.  
 14 When an open edge of a brake drum friction surface has a larger diameter than the closed edge, the drum is suffering from \_\_\_\_\_ distortion.