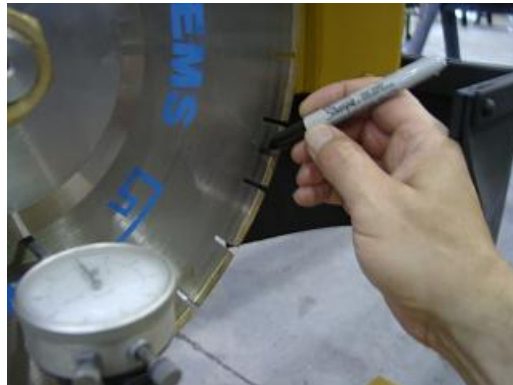




## Technical Service Bulletin 04T19 Blade Dial Indication

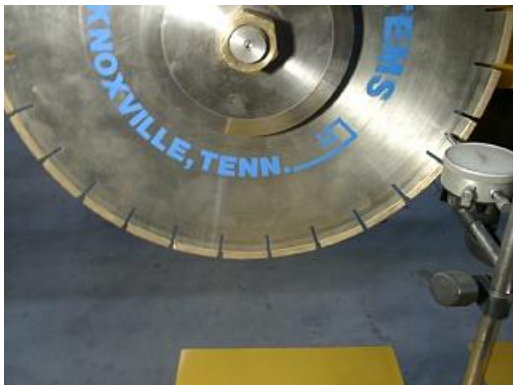
1. **General.** This is a method of checking alignment. Proper spindle alignment is one of many critical factors that influence cut quality. This bulletin deals with spindle alignment only. The correct blade in good condition running at the correct speed and force are additional critical factors. See TSB 04T20 or 21 for alignment procedure.
2. **Safety.** Remove the fuses from the main saw motor to prevent accidental operation.
3. **Dial Indication Procedure:** (Note: Dial indicators are available from SSI or industrial suppliers.)



Lower the blade to its approximate normal cutting height. Place the magnetic base of the dial indicator on a stable steel surface such as the outer blade guard cover. Position the cover and indicator so the needle is located at a height just below the bottom of the saw flange. Move the indicator toward the blade to depress the needle about  $\frac{1}{4}$ ". Make a dot near the edge of the blade with a "Sharpie" pen.



Move the saw carriage in reverse (to the right in picture) and rotate the blade until the dot is on the point of the needle. Rotate the dial face until the "0" on the scale is on the needle. Tap the dial lightly to bring the indicator to a free state and then re-zero. Do not move the indicator.



Rotate the blade (about  $120^\circ$  counter-clockwise in picture) and move the carriage forward (to the left in the picture) to put the same dot on the needle again but on the back side of the spindle. Take a reading in the new position. It should be positive between .00025 to .0005" per inch of blade diameter or .0035 and .007" for a 14" blade for a slight toe-in condition.