

## Identifying Your Fadal Drawbar

One of the common failures with any CNC spindle is the drawbar. The belleville springs expand and collapse each time the tool is removed from and replaced in the spindle taper, thus you have moving parts under great pressure, so failure is imminent. In fact, we recommend that the belville springs be replaced

categorically during each year's annual preventative maintenance cycle and that the drawforce pressure (pressure holding the tool in the taper) is correct for the drawbar you have installed. If you do not have a drawforce gauge, we offer and stock them for technicians or anyone who is interested in the regular health of their spindle.



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## Determining a Locking or Non-Locking Drawbar

To the right is a guide you can use to determine if you have a locking or non-locking drawbar. Specifically, look at the knockout caps shown beneath the arrows. The one on the left is a locking style and on the right is the non-locking style. You can easily see the knockout caps if you remove the head cover and look down the center of your spindle drive pulley.

Time to make chips!

