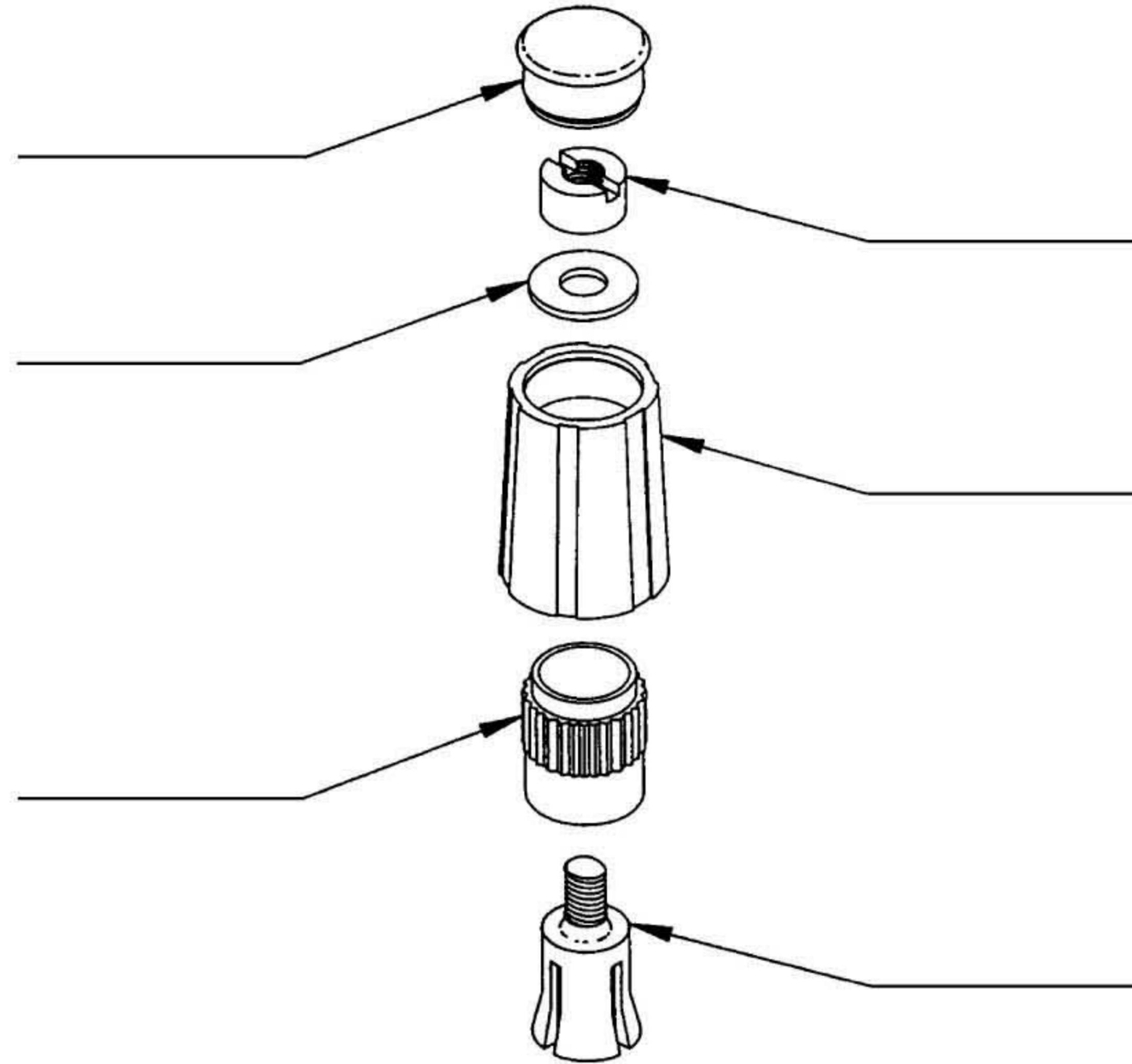


What's a Collet Knob?

How it works:

It's very simple. The collet knob is disassembled as shown below. The collet slides on top of the potentiometer and as the nut is tightened over the collet, the collet grips the pot 360° to insure a secure fit.



Advantages of Collet Knobs

1. Collet grips round shaft over the entire circumference insuring a secure fit
2. Brass is used for the metalwork, which retains its original state.
3. Fixing is from the top, allowing access when knobs are close to each other.
4. Can easily be moved to a precise, new position on shaft.
5. Many accessories are available to make a variety of custom combinations (i.e. nut covers, pointers, dials, etc.)
6. Because there is no exposed set screw, the knob is electrically isolated from the pot.
7. Available to suit many different shaft diameters in the same body size and design.

Disadvantages of Set Screw Knobs

1. When tightened to a round shaft, this can work loose over a period of time.
2. If the fit is not precisely right at the first attempt, it can be difficult to move the knob slightly as the set screw will try to locate in the original indent in the shaft.
3. If several knobs are used in close proximity to each other, difficulty may be experienced with access to the screws.
4. Low cost set screw knobs do not use a brass insert and rely on a thread in the knob body to retain the set screw. If this screw is tightened too much into a metal shaft, the thread will strip.