

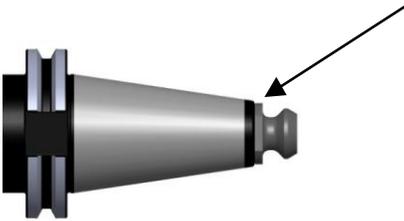
# **JM PERFORMANCE PRODUCTS, INC.**

*The Industry Leader in Milling Machine Optimization*

## **PLEASE READ BEFORE INSTALLING O RINGS**

It is important when installing retention knobs with an O-ring on the thread side of the knob, to examine for proper fit. In certain situations the chamfer on the counter bore of the toolholder is undersized. In this situation the o-ring prevents the retention knob from making proper contact. The retention knob will not properly seat and will rest on the o-ring. This keeps the retention knob from making flange contact and may cause the knob to break. After installing the retention knob into the holder (using a torque setting based on the drawbar force of your machine), hold the toolholder up to light and make sure the flange of the retention knob has full contact with the toolholder. Using a light comparator is the preferred method for checking for flange contact. If any light or space can be seen, please use the thinner O- ring. O-rings that are worn or show fretting is a sign that a smaller size O-rings needs to be used.

Please check for full contact



If you have any questions, please call us at 800-322-7750

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