## **GRS Low Profile Ball Vise**

For Engraving And Jewelry Making

#003-615

## Maintenance

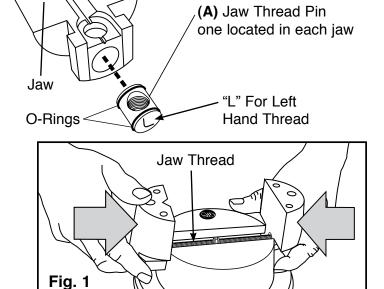
Based on usage, open jaws fully and clean any dirt and metal pieces from the threads. After cleaning, apply a small amount of light oil to the threads.

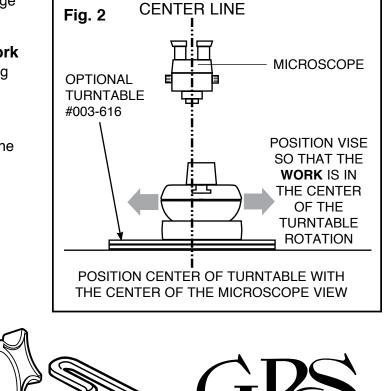
## **Jaw Thread Replacement**

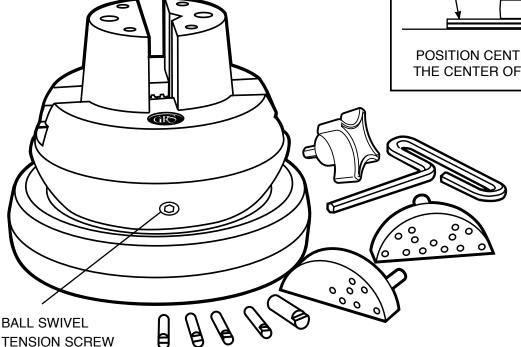
Over tightening the jaws will cause wear and damage to the threads. If jaws become loose, replace with kit #003-627. Remove jaws by opening wide until they come off the jaw screw. The thread pin (A) is located on the under side of each jaw. **Before removing pins** locate the left hand pin, marked "L". Replace it with the same. Apply a small amount of grease to the O-rings before installing them. Start the jaws threads at the same time when replacing them. Hold each jaw in position (Fig. 1) and turn the jaw screw. An extra pair of hands makes this easier, or place a large rubber band over the jaws.

## **Optional Turntable Base For Microscope Work**

To use the turntable base, lock the vise by tightening the swivel tension screw until the ball will not turn. The turntable now becomes your rotation, allowing you to adjust the work's center of rotation into the field of view of the microscope. Align the center of the turntable with the center of the microscope (Fig. 2). Change working views by repositioning the vise.







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