

## How are hold down clamps, fixtures and clamping vises used?

### T-Nuts

Many Vision clamps, fixtures and vises use T-nuts to secure the device to the T-slot table. Slide the T-Nut into a slot on the table, then use the screw to secure the device to the table.



### Hold down Clamps

#### Wedge Clamps

Simply slide the clamp onto the T-slot table surface and position it over the edge of the engraving stock. The downward clamping force eliminates bowing. This clamp can be used with material up to 1/4" thick.



### Push Down Clamps

This double-sided clamp secures items from the edge. It is ideal for heavy-duty items that are being cut, contoured or engraved.



### Edge Clamps

This clamp is designed to secure engraving materials from the top surface and avoids bowing in most applications. This clamp will hold material thicknesses of .020, .032, .062, and .125 by rotating the clamp and tightening a thumbscrew.



## Corner Clamps

This clamp is designed to hold down square or rectangular plates. By lining up the "V" cut-out of the clamp with the corner of the plate, the engraver is allowed maximum engraving space. It will hold material as thin as 1/32".



## Fixtures

### Universal Pin Fixtures

Available for the Versa Vise, T-slot table, and Self-Centering Vise. Also usable with other computerized engravers and Pantographs. These fixtures enable engraving on uniquely shaped items such as pens, lighters, knives, keychains, and more.



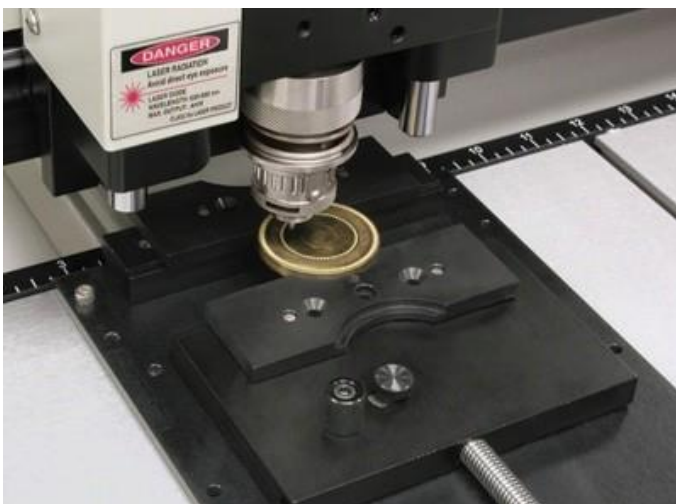
### Universal Clamping Bars w/Medallion Holder

These clamping bars hold 1 to 3 round objects at a time. Engrave multiple notary seals, paperweights, and a variety of other circular items. With a place for the “eye” of medallions, this clamp adapts to any vise or table that has a T-slot system.



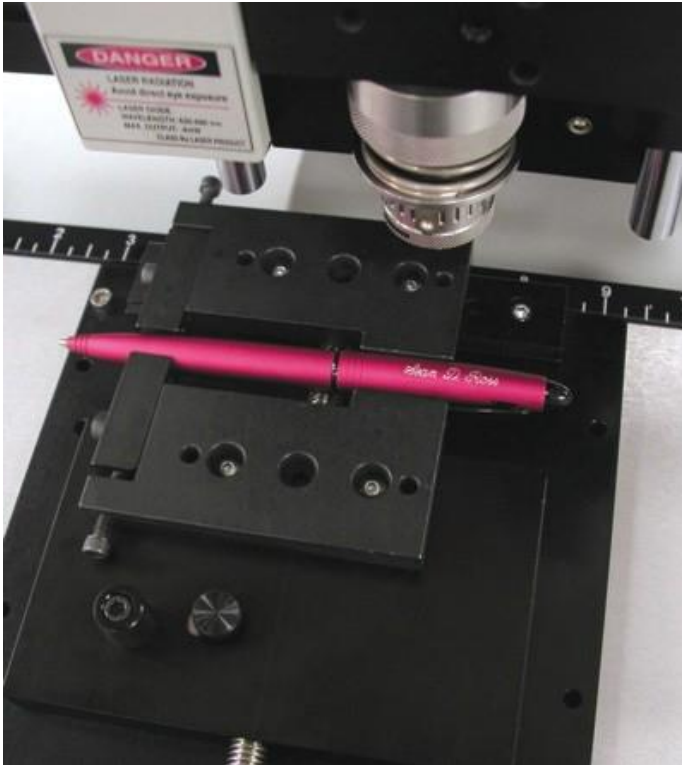
### Seal Fixture

The Seal Fixture enables engraving on notary seals, medallions, coasters, paperweights, dog tags, and other round objects. Usable with the Quick-Lock or Versa Vise.



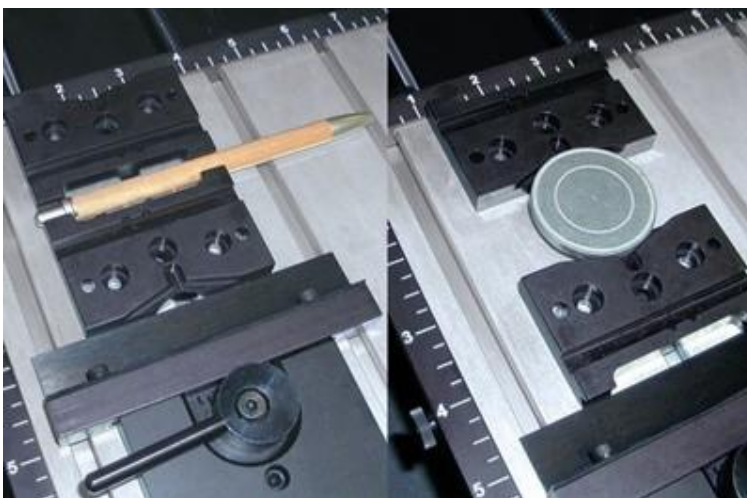
### Adjustable Pen Fixture

Enables engraving on most pens and cylindrical items that vary in diameter from end to end. Available for most computerized engravers and Pantographs. It is also usable with the Versa Vise and Self-Centering Vise.



### Pen & Medallion Fixture

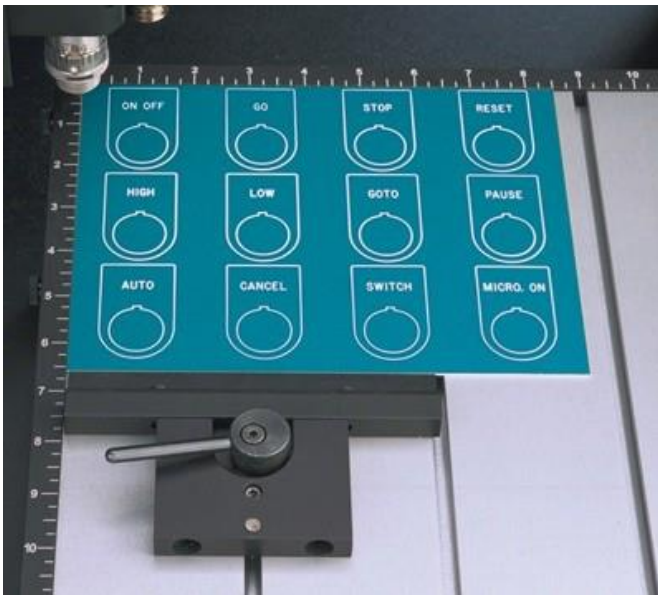
This is a double-sided fixture that, when turned in one direction, accommodates a pen, and when turned in the other direction, accommodates a medallion, seal, or other circular item. With a space for the “eye” of the medallion, this fixture is usable with the Versa Vise or Quick-Lock Vise.



## Clamping Vises

### Quick Lock Vise

The Quick-Lock Vise is specifically designed for T-slot table users. The “cam” type locking device allows for quick changing of parts. This vise is supplied with a removable front clamping plate which allows for the holding of thicker items.



### Self-Centering Deep Vise

This self-centering vise allows for easy setup of odd-shaped items up to 3 1/4” deep.

