

**Say hello to the smart
new 5-axis riser from
Elijah Tooling.**



- Hardened Steel Riser Foundation
- Anodized Aluminum Modular Riser
- Hardened Steel Flexvise™ Vises
- Multiple Heights Available



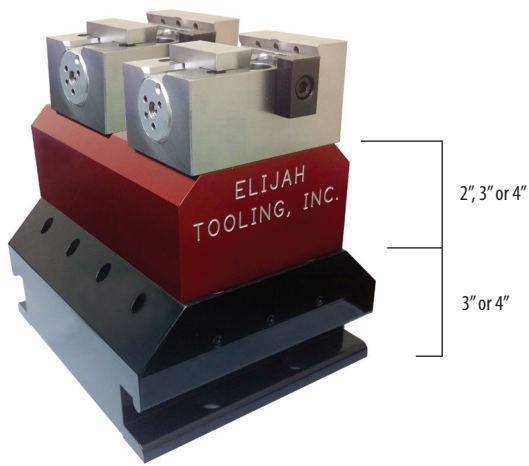
FLEXVISE™
DOVETAIL VISE

**5 Axis Riser Tool
& Flexible Vise Solution**

BUILT STRONG

1025 Shady Oaks Dr. #103-104 Denton Texas 76205





The New Must-Have 5-Axis Riser Tool From Elijah Tooling, Inc.

QIQO

Quality in, quality out. To produce the highest quality parts, you must start with the highest quality tooling possible. That's why companies around the world choose Elijah Tooling as their vendor of choice for work holding solutions.

Our new 5-axis riser system with flexible vises is pure QIQO. There are three basic elements of this unique design:

- The foundational base, made from hardened steel.
- The quick change riser, which incorporates on Invert-a-Bolt™ Universal Common Modular Fixtures.
- The Flexvise™ vise which quickly loads and unloads your parts for maximum efficiency.

Riser Foundation

You've got to get the piece up in the air to prevent the spindle from colliding! Not only is our riser base tall enough for nearly every job, it is quick changed off of a standard 2" patterned Invert-A-Bolt™ UCMF. As a bonus, it can also be attached/ located by other legacy methods making it one of the most useful tools in the shop.

Our black riser features:

- Stand-a-lone design :- It can attach dovetail vises or other objects.
- Hardened Steel Base.
- Built in handles.
- Uses IVB fasteners OR regular bolts.
- Quick changes upper UCMF riser block.
- XZerts™ retractable dowels used to locate upper riser.
- Regular dowels used to locate base riser.
- 3" or 4" height.
- Precisely located every time.

UCMF Riser Block

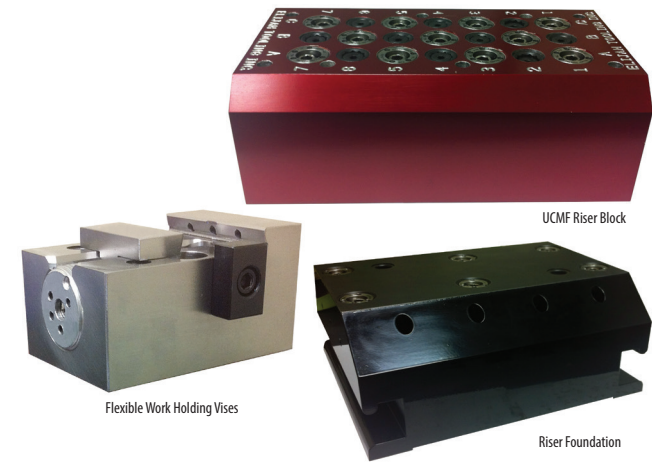
This riser assembly is more than just a pretty face. Incorporating state-of-the-art locating and holding capabilities, this 5-axis riser is perfect for quick-change work-holding to the MAX! Get all the benefits of an Invert-A-Bolt™ (IVB) Universal Common Modular Fixture in a configuration that facilitates 5-axis machining, whether on a traditional 5-axis machine, or rotary trunnion device. It doesn't matter – this setup will provide massive productivity improvements. And, importantly, this is a stand-a-lone fixture.

Our UCMF riser block features:

- Anodized Aluminum construction.
- Stand-a-lone: It can be attached/located to any plate type fixture, or (ideally) to an IVB UCMF either by bolts or by IVB fasteners.
- Standard 2" in-line IVB pattern.
- Precisely located and providing precise location.
- Quick changes on/off fixtures as well as providing for quick change of vises, parts or other objects.
- All hardware is provided, including IVB fasteners, patent-pending EZE-Bush™ Precision Threaded Locator Bushings at multi-purpose hole (MPH) locations, and hardened steel threaded inserts.
- +/- .0005 hole to hole tolerance for MPHs.
- 3 great sizes, 2", 3", 4".

Detail Matters

Another thing that is unique to this setup is the use of our patent pending "speed" bushings. These unique products screw into the IVB modular riser and provide for easy removal. They accomplish the same as a multi-purpose bushed/inserted hole, with one, screw in product.



Take our Ad-Vise

The pièce de résistance of the ELT 5-axis quick-change riser system is the crown jewel on the top. It is the flexible dovetail vise solution that doubles as a straight vise. It can be used both in an Invert-A-Bolt™ (IVB) Universal Common Modular Fixture or as a stand-alone product in any dedicated fixture.

Our Flexvise™ solution features:

- Hardened Steel construction.
- Stand-a-lone: It can be attached/located to any plate type fixture, or (ideally) to an IVB UCMF either by bolts or by IVB fasteners.
- Standard 2" in-line IVB pattern contributes to its modularity.
- Low profile, small footprint vise is modular so that other vises can be added as part length increases. This reduces upfront cost.
- Attached either by regular bolts or IVB fasteners.
- Precisely located and providing precise location in all 3 axes.
- Quick changes on/off fixtures.
- Heavy Duty ACME drive screw.
- All hardware is provided.
- +/- .0005 hole to hole tolerance on the locating bushings.
- Standard configuration is for the dovetail. Rotate the pusher jaw and add the spacer accessory for instant straight face holding. This feature provides for the flexibility to go back and forth between dovetail and straight faced holding easily.
- Hold material as thin as 3/8".

Precision, Speed & Flexibility

Our 5 axis riser tool is a great choice for all your 5-axis work holding needs and it just so happens to be a solid choice for 3-4 axis work too. Contact Elijah Tooling today for more about this innovative new product.



For pricing and availability contact sales@elijahtooling.com or call 877-462-BOLT.