

## Just listen to the experts!

"... I am a big advocate for standardization in machining; if I can reduce the number of options and choices available, I can make money! Every variable I introduce into the process, increases the likelihood of increased cost..."

Jerry Halley, Tech Manufacturing  
User of Invert-A-Bolt™ Products.

Former Boeing Fellow and recognized expert in high speed machining. Credited with developing robust methods for producing thin, lightweight, chatter-free, monolithic parts using high-speed machining. He and his team are credited with savings of over \$1 Billion on the F/A-18 E/F program.



[www.invert-a-bolt.com](http://www.invert-a-bolt.com)



## Finally get rid of

- ✓ Tool Design
- ✓ Tool Build
- ✓ Duplicate Fixturing
- ✓ Tool Rework for Engineering Changes
- ✓ Storage of Dedicated Fixtures
- ✓ Maintenance of Dedicated Fixtures
- ✓ Inventory of Dedicated Fixtures
- ✓ Non-Standardized Methods of Machining

"The name you trust,"

Elijah Tooling, Inc.

Toll Free: 877-462-2658

Fax: 940-482-8307

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## Modular Tooling



# Innovative to the core

Specially designed to save you money

## Consider

Setup Time Reduced  
92%  
Over 5000 Dedicated  
Fixtures Replaced  
Saved the company  
\$Millions



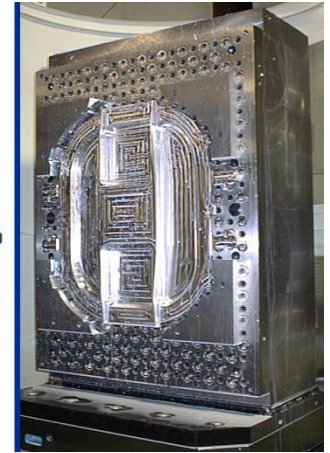
**Combines the benefits of legacy modular tooling systems + the compelling advantages of using Invert-A-Bolt™ Fasteners. Savings come from the elimination of Dedicated Fixtures and the reduction of Setup Time & Cycle time. Other Modular Fixture Solutions are decidedly INFERIOR.**

*"... The savings from using your products boiled down to a reduction of fixtures (from 5000 to 1), a reduction of the use of floor space to house fixtures, as well as going to a standard method of holding. We saved all kinds of time and tool design by using this method..."*

*Russell Hanus, Bombardier  
Wichita Methods Engineer*

*"... On the X47B program, we machined 347 parts on ONE Invert-A-Bolt™ Modular Fixture! ... We reduced our flow times from purchase order to on the dock ready to ship significantly ....."*

*Don Trower, GKN Aerospace  
Specialist Manufacturing Engineer*



*Bushed/Inserted holes are set on a standard grid pattern. These "multi-purpose" holes are used for location and holding where a dowel pin or shoulder screw is used at these locations and accepts standard modular components.*

*Invert-A-Bolt™ fasteners are placed in the grid pattern and used primarily for hog-out & picture frame machining.*



GET THE WHOLE STORY AT [www.invert-a-bolt.com](http://www.invert-a-bolt.com)

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