

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



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

WWW.Invert-a-Bolt.com

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



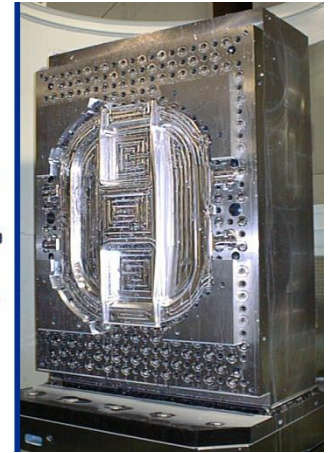
Combines the benefits of legacy modular tooling systems + the compelling advantages of using Invert-A-Bolt™ Fasteners. Savings come from the elimination of Dedicated Fixtures and the reduction of Setup Time & Cycle time. Other Modular Fixture Solutions are decidedly INFERIOR.

"... 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

Toll Free 877-462-BOLT (2658)