



Who We Are

Applied Bolting Technology™ is a U.S.-based manufacturer dedicated to making bolted structural connections safer, faster, and more reliable. We specialize in producing Squirter® Direct Tension Indicators (DTIs)—innovative load-indicating washers that visually signal when bolts are properly tensioned.

What We Manufacture, Squirter® DTIs:



Made in the USA for heavy industrial structural steel, buildings, & wind towers.



Visual indication of proper bolt tension via smart safety orange indication media.



Improves jobsite accuracy and reduces inspection time.



Compliant with ASTM F959/959M and compatible with all known structural bolting standards.



Trusted by owners, fabricators, erectors, & inspectors worldwide.



the best way to bolt!™

www.appliedbolting.com
800 • 552 • 1999



Scan
the QR
Code to
Find out
More!

This brochure has been created using our updated brand standards. Please ensure that any websites or materials featuring our product align with these guidelines. If you need access to the brand standards or have any questions, feel free to reach out.

Visual Verification of Bolt Tension™



Squirter® DTIs
with DuraSquirt® Formula

the best way to bolt!™

Proudly Designed, Engineered
& Made in America Since 1994



How Squirter® DTIs Work:

- 1. Suggested Installation** – A Squirter DTI is placed on the nut side so the operator can see the safety orange DuraSquirt® formula.
- 2. Tightening:** As the bolt is tightened, the DTI's built-in protrusions (or "bumps") compress, correlating to induced load/tension.
- 3. Visual Indication:** When the correct tension is achieved, the compression of these bumps cause a safety orange DuraSquirt® formula to be expelled from the outer diameter of the DTI. This visible DuraSquirt® formula serves as an immediate and clear indication that the bolt has reached the desired tension.

How to specify Squirter® DTIs:

All high-strength structural bolts shall include an F959/F959M Squirter® DTI, quenched and tempered in accordance with ASTM F959/F959M section 4.3.2, and manufactured by Applied Bolting Technology. DTIs shall be installed and inspected per with RCSC section 2.12. RCSC 2.12 instructions are available from by Applied Bolting Technology's website.

QUOTING MADE EASY

What to Know When Requesting a Quote

DTI Size:

- » **DOMESTIC:** ½", ⅝", ¾", ⅞", 1", 1 ⅛", 1 ¼", 1 ⅜", 1 ½"
- » **METRIC:** M12, M16, M20, M22, M24, M27, M36

Bolt Type:

- » A325/120 or A490/120 (Domestic)
- » Metric 8.8 or 10.9

Coating / Finish:

- » Plain
- » Weathering Steel
- » Mechanical Galv
- » TDZ (Thermal Diffusion Zinc)

Quantity:

- » **MOQ= FULL KEG** amounts vary with size of DTI
- ask when quoting*

PRODUCTS

Squirter® DTIs

- » Visual Verification of Bolt Tension™
- » Speeds up inspections
- » Easy to use in the field
- » No feeler gauge needed

Standard DTIs

- » Accurate preload confirmation
- » Meets ASTM F959
- » Reliable & cost-effective

— WHY CHOOSE US —

- » Made in the USA
- » Short lead times & stocked inventory
- » Fast, knowledgeable customer support
- » Patented Squirter® technology
- » Trusted on critical infrastructure projects
- » Domestic & metric sizes available
- » Coating options to match any job spec

Let's Make It Easy

We're here to help. Our goal is to make quoting and ordering simple and accurate.

Quote Support

heidig@appliedbolting.com
(802) 460-3100
www.appliedbolting.com

Key Benefits of Squirter® DTIs

- ✓ Provides clear Visual Verification of Bolt Tension™
- ✓ Improves installer confidence and accuracy.
- ✓ Eliminates the need for feeler gages.
- ✓ Reduces rework & inspection time.
- ✓ Saves valuable man-hours by speeding up inspection.

Trusted Across a Range of Critical Projects



Stadiums



Skyscrapers



Bridges



Data centers



Industrial facilities



Transportation infrastructure



LNG plants



Nuclear plants



Solar fields



Wind turbines

the best way to bolt!™

