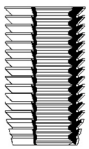


Full-Torque®

The Ultimate Thread Repair

Absolutely the best thread repair insert system ever developed.

The magic? It's in the patented external threads that pull the surrounding metal into the threads of the insert and add strength to the part being repaired. It's now very easy to make bolt holes stronger than the bolt or stud, even in aluminum. Cracked holes, stripped holes, weak holes, holes with broken taps or easy-outs; easily repaired. Holes that need to be sealed pressure tight; our inserts can do it. Spark plug holes, pipe thread holes and holes that have been drilled in the wrong locations; we have the fix. Nothing else can compare to the incredible results you will have using Full-Torque® thread inserts. We have a style that will solve your bolt hole problem no matter how tough it seems.



This is our standard FFT style insert. It installs flush to the surface and is available in short and long lengths. We stock them in both fine and coarse inch thread sizes as well as in metric.



When the bolt hole needs to be sealed liquid or air tight our FFB style insert is used to seal the bottom of the hole. The insert comes with a solid bottom. The threads on the outside can seal up to 10,000 PSI. These inserts are commonly used to replace stripped, cracked or badly damaged holes. An engine block with a cracked bolt hole that leaks water can be permanently restored to better than new condition. This style also installs flush to the surface and does not require machining.



Special FFB and FFT inserts are available to match existing bolt holes for many gas and diesel engine block repairs. See our catalog under "specials" for exact dimensions.

Full-Torque®

Say *goodbye!* to threaded-hole problems when you use Full-Torque® thread repair inserts. Imagine having the threaded hole stronger than the bolt—that's not a typo—*stronger!*

Comparison chart for popular thread repair insert styles

Attributes	Coil style	Key locking	Self-tapping	Full-Torque®
Repairs stripped threads	✓	✓	✓	✓
Emergency repair solution	✓	✓	✓	✓
Stays solidly in place during the life of the part				✓
Creates spreading force when installed			✓	
Placement close to an edge is no problem				✓
Contains the spreading force of the bolt				✓
Multi-application tooling				✓
Adds strength to the surrounding material				✓
Weakens surrounding metal	✓	✓	✓	
90% external thread engagement				✓
Solves the cause of cracked bolt holes				✓
Allows multiple bolt torquing in aluminum	✓	✓	✓	✓
Prevents future failures				✓
Repaired hole becomes stronger than bolt				✓
Insert visible as obvious repair	✓	✓	✓	
Creates pressure-tight seal on OD threads				✓
Made from high-strength steel				✓
Easy to install	✓	✓	✓	✓
Available in a solid plug				✓
Available with a solid bottom				✓
Available with a large shoulder				✓



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