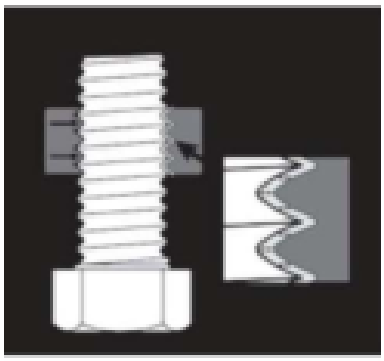
Locking Patch

Offered by Captive Fastener

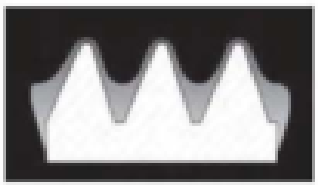
The Locking Patch coating process produces a completely dry product that is fused to the fastener and is ready to use right out of the box. The Locking Patch performs immediately upon assembly with no curing time required.

How the Locking Patch Works:



- When assembled with a mating part the resilient Locking Patch is compressed. The compressed engineered plastic (typically a Nylon Patch) provides locking action in the thread instead of at the bearing surface due to its vibration dampening characteristics. In general, the resilience of the Locking Patch holds the fastener in place without adhesives or thread distortion. Due to its resilience, Patch can be repeatedly adjusted and reused.

- ND Patch or Nylok Torq-Patch are normally positioned one to three threads back from the end of the fastener to assure ease of starting. The normal coating length of the ND Patch is four to six threads. Nylok Torq-Patch typical coating length is 1 X diameter of the fastener. Special Patch location and coating length can be specified for specific applications.



Features:

- Saves Time: Fasteners coated with Locking Patch can be automatically fed through stan dard feeding devices.

- Retains Full Strength: The Locking Patch process involves no drilling or milling, so there is no loss of the fastener's strength or hardness and any troublesome burrs or chips.

- Saves Money: Use of Locking Patch eliminates the need for costly lock washers, cotter pins, or castellated nuts. You get a close fit without the costs involved in obtaining close tolerances. Moreover, the Locking Patch is less expensive than applying bottled thread locking compounds at the point of assembly.

- Resists Heat & Cold: Nylon Patch meets and exceeds IFI Specifications 124 & 524 as well as Military specification MIL-DTL-18240F, Type P, for temperatures from -70°F (-56°C) to +250°F (121°C).

- Chemical Resistant: The Nylon Patch will not dry, shrink, or lose resiliency when exposed to commercial solvents, alcohol, gasoline, oil, caustic soda, jet fuel, etc.

- Reusable: Fasteners coated with Nylon Patch can be reused repeatedly without damage to threads. The Nylon Patch is particularly resistant to deformation, which makes it ideal for repeated use.

Note: Minimum Order Quantities Apply.