



POWERLOK[®]

Thread-locking Fasteners

POWERLOK[®] thread-locking fasteners lower the cost of assembly through the elimination of parts and process steps, as well as through direct and indirect costs.

POWERLOK[®] screws provide exceptional resistance to vibrational loosening through the creation of physical interference in the root of the nut member. This interference eliminates the need for expensive physical and chemical locking solutions. Eliminating the use of chemical adhesives or patches simplifies processes and procurement and also reduces environmental impact.

The features and benefits of the POWERLOK[®] fastener are “rolled on” as the fastener is made in the heading and rolling process. This makes POWERLOK[®] thread-locking fasteners highly cost-effective compared to fastening solutions requiring secondary operations.

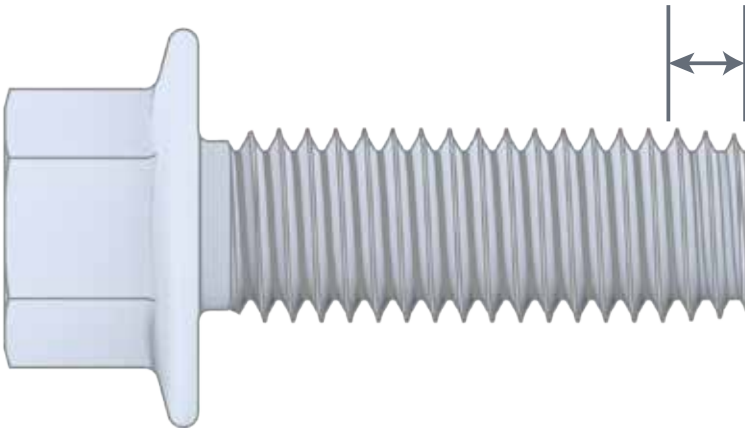
Most importantly, POWERLOK[®] fasteners provide superior performance to available alternatives in applications where resistance to vibrational loosening is mandatory, as well as in electrical grounding applications. POWERLOK[®] fasteners’ ability to lock without pre-tensioning also makes them an excellent choice as an adjusting and clamping screw.

POWERLOK[®] fasteners are used across a broad range of applications as a high-performance and cost-effective solution.

For more information on POWERLOK[®] fasteners please visit taptite.com

**POWERLOK®**

Tapered Lead Threads



TRILOBULAR® Cross-Section

The Original TRILOBULAR® Locking Fastener

The first screw in the POWERLOK® family, the original **POWERLOK®** fastener paved the way for consistent mechanical interference locking in the nut member.

Features

- 60°-30° thread profile with enhanced locking ability
- Locking action developed at the outermost radius of the torque arm of the screw body

Benefits

- Eliminates need for patches, adhesives or assembly line applied locking compounds
- Locking action is insured over the entire length of the screw thread
- Locking action is unaffected by temperature
- No adhesive curing time—instantaneous locking action
- No need for under head locking elements.
- No need for costly lock washers
- Works with all finishes
- Easily hand started