

Nylon Insert Lock Nut

This is a locknut featuring a nylon collar insert. It resists loosening under vibration and torque due to the nylon insert deforming over the screw threads, ensuring a tight fit.



Product Overview

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A nylon insert lock nut, commonly referred to as a nyloc nut or elastic stop nut, is a specialized fastener designed to maintain security in high-vibration environments. It features a nylon collar insert that deforms elastically over the threads of the screw upon installation. This mechanism creates a tight, reliable fit that effectively prevents the nut from backing off or loosening over time, ensuring long-term connection integrity.

Technical Features

Key Benefit

Vibration Resistance • Anti-Loosening

Locking Mechanism

Nylon collar insert (Elastic stop)

Application

Common Applications

- High-vibration machinery
- Dynamic environments
- Secure fastening assemblies