

# 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

### Nylon Insert Lock Nut Overview

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