

Nylon Insert Lock Nut

This nylon insert lock nut, also known as a nyloc nut, is a type of locknut designed to resist loosening. It features a nylon collar insert that creates friction against the screw when tightened.



Product Overview

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The Nylon Insert Lock Nut, commonly referred to as a nyloc nut or elastic stop nut, is a specialized fastener designed to resist loosening. Featuring a nylon collar insert, it creates a secure hold by deforming elastically around the screw threads upon installation. This mechanism generates friction that effectively prevents the nut from backing off due to vibration or external forces, making it an ideal choice for critical assembly applications.

Technical Specifications

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| Locking Mechanism | Nylon collar insert |
| Primary Function | Vibration Resistance, Self-locking, Elastic Stop |
| Installation Principle | Elastic deformation of nylon insert against screw threads |