

You said: NYLOCK NUT

A **nylock nut** (also spelled nyloc nut, and known as a nylon-insert lock nut) is a specialized torque-locking nut containing a **built-in nylon collar insert** that resists loosening from severe vibrations and shocks. [\[1\]](#), [\[2\]](#), [\[3\]](#)

How It Works

- **Friction Lock:** The inner diameter of the nylon ring is slightly smaller than the bolt's thread.
- **Elastic Deformation:** As a bolt enters the collar, the plastic deforms elastically over the metal threads without being cut.
- **Vibration Resistance:** The squeezed nylon applies a constant radial compressive force, trapping the bolt tightly in place.