

MM-226-01

HARDLOCK® The Worlds Strongest Self-Locking Nut!

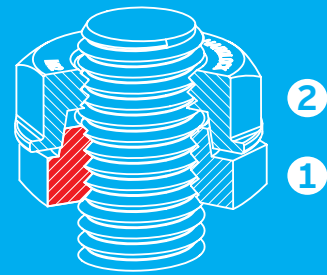
The Hardlock Nut will stay intact through heat, high power throughput and the most severe vibrations. Japanese Railways have specified Hardlock Nuts for more than 40 years. In the UK, Network Rail have specified Hardlock Nuts for over 10 years, with new applications being added to all the time.

- A better fastener because it resists loosening by vibration
- Easy to fit - Combines the benefits of a free-fitting nut and a self-locking nut
- Reduced inspection and maintenance time
- Reusable - Can be fitted after removal, saving time and money



How does the Hardlock Nut work?

Hardlock Nut consists of a (1) Convex "fixing" Nut that has a truncated protrusion arranged off-center on the upper part, the (2) Concave "locking" Nut is designed with a concentric conical depression for locking the two nuts together. By tightening the concave nut onto the convex nut, a strong perpendicular load will be applied to the bolt from both sides. Due to the strong locking force created by the Wedge of the Hardlock Nut, no matter if it is exposed to severe vibrations and/or impacts the Hardlock Nut will stay intact.



Applications for Hardlock nut



Energy / Power

Wind Power
Solar Power
Thermal Power
Nuclear Power



Mining & Earth Moving

Processing Machinery
Heavy Machinery
Freight Railway



Railways

Power
Signal
Track
Construction



Roads

Bridges
Highways
Vehicles



Construction

Machinery
High-rise Buildings
Pylons