

Shape your dream

NISSEI

THE MOST POWERFUL LOCKBOLT THAT NEVER LOOSENS

PLB v2

Perfect Lock Bolt



PLB v2-The Anti-Loosening Double-Nut Bolt
Tightened in ONE action
Proven the top rank in ISO 16130 vibration test
Low maintenance cost



Licensing Available for Nut and Bolt Manufacturers

About PLBv2



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PLB v2 Features

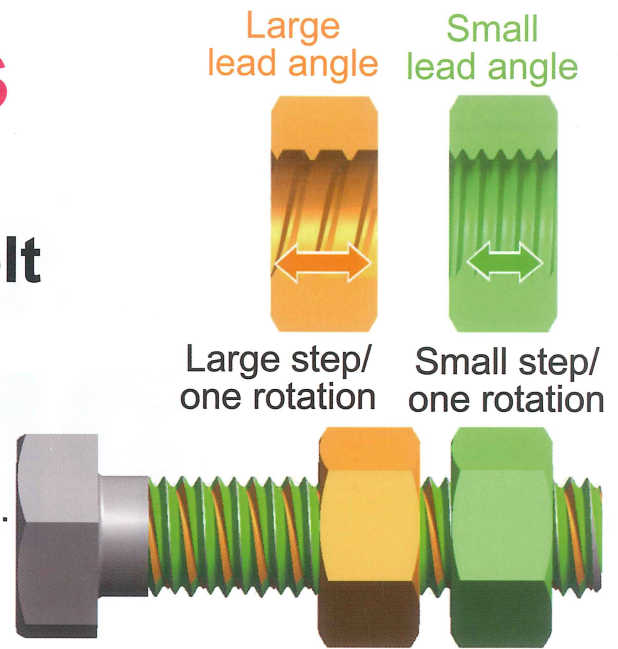
Large & Small lead angles combined on one single bolt

Principle

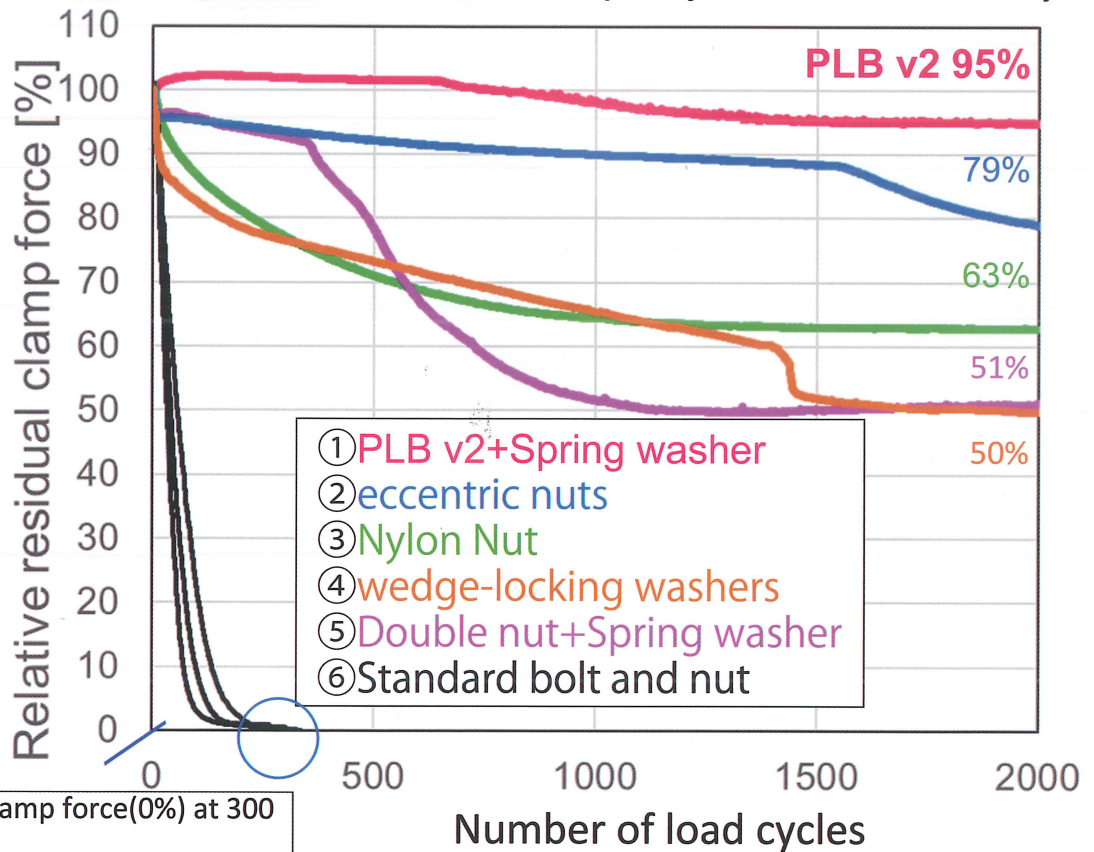
The anti-loosening function is in the multiple threads on the shaft. The two nuts that rotate at different speeds create secure and stable mechanical locking.

High Locking Performance

Our lab tests have proven PLB v2's outstanding self-locking features: Over 85% of remaining clamp force that no other anti-loosening product offers.



Results of Junker Vibration Tests (Compliant with ISO 16130)



Exceptional Usability

- PLB v2 can be tightened/released with a power wrench.
- The inner nut follows when the outer nut is tightened as the inner nut lead is larger than the outer.

→ The tightening process completes by simply tightening the outer nut only.

We are looking for the demonstration Test User!

Benefit:

You can use the PLB v2 at the application where bolt loosening is bothered for free of charge.
⇒ We can prepare your requirement spec bolt (size, material, hardness).

Note: The Test data compared to conventional methods need to be reported.