

ANTI-LOOSENING SOLUTIONS

Bolting assemblies engineered to hold



Ensuring functional safety

Threaded fasteners are commonly used to facilitate assembly and disassembly of multiple mechanical parts. However, when undergoing transverse vibrations, threaded fasteners may experience self-loosening and fatigue, two common failures which can lead to disastrous accidents.

Understanding the magnitude of failures due to self-loosening, Bossard provides a diverse range of anti-loosening solutions to prevent bolting assembly failures.

Common industrial applications

- Medical devices
- Wind power
- Commercial transportation
- Industrial machinery & automation

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Irregardless of size, bolting failures in threaded fasteners can be disastrous incidents. These incidents may include compromises in workplace safety leading to injuries and death, or disruption and downtime to assembly lines leading to loss of business. Listed below are some of our product solutions. The product images shown are for illustration purposes only.

To find out more about our product solutions, do contact us at pd.asiapacific@bossard.com.

WEDGE LOCK WASHERS

- Independent institutional approval and certification
- Increased operational reliability and lower maintenance costs
- Reduced risks of production stops, accidents and warranty claims



DE-PITCHED LOCK NUTS

- Eliminates need for plastic inserts
- Withstands the harshest conditions, such as extreme temperatures and high levels of vibration
- Performs without bolt damage or galling



ALL METAL HEX SELF-LOCKING PREVAILING NUTS

- Ensures reliability even in difficult screwed connections such as in turbochargers and exhaust manifolds
- Withstands high temperatures and corrosion
- Allows cost saving and space-effective automated assembly instead of using fasteners such as castellated nuts, counter nuts and split pins

