

# HARDLOCK: the ultimate fastener for safety critical applications

From indispensable industrial machinery to towering bridges, the HARDLOCK Nut has an unbeatable track record in tough operational environments.



Shinkansen E7 series

Founded half a century ago, HARDLOCK Industry has a mission and vision to contribute to people, companies, and the industry by providing unparalleled self-locking nuts, or solutions incorporating them, that ensure safety and assurance. To give just two examples: the company's nuts have been used on Japan's Shinkansen high-speed trains for over 30 years, boasting a zero-percent failure rate, and have remained



securely in place on The Great Seto Bridge since 1988.

"Our HARDLOCK Nut, applying the wedge method, offers unique advantages in terms of self-locking capability, reusability, versatility with different materials, and stability in various environments," explains company chairman Katsuhiko Wakabayashi. "We continue to focus on research and development to provide innovative solutions for our customers across a wide range of industries."



"For fail-safe fastening performance in the most demanding vibration environments, trust HARDLOCK."

Katsuhiko Wakabayashi,  
Chairman, HARDLOCK  
Industry Co., Ltd.

That focus includes global infrastructure growth, particularly in developing nations, where expertise and experience in maintenance are crucial. "Overseas partnerships are vital for overcoming challenges and expanding reach," Mr. Wakabayashi says. "We are seeking local partners to jointly grow the market, aiming

to create a safe and sustainable society while supporting infrastructure growth, encompassing both hardware and software."



Shinkansen underfloor devices

The chairman's vision is to eliminate any issues caused by bolt loosening by increasing partnerships with companies that share HARDLOCK's goals, in order to provide safe and reliable bolted joint mechanisms for the international society.

"We are focused not only on pursuing profits for our company, but also thinking globally about how we can contribute and support society altogether," he adds. "In five years' time, we envision that the high tensile resin fastener mechanism will be established and it will revolutionize the worldwide industry.

"Within this framework, we aim to continue our global contribution."

**HARDLOCK®**

hardlock-nut.com