



Marine-Grade 316 Stainless Steel Structural Fastener 海事级 316 不锈钢结构螺丝

FastenMaster, a division of OMG Building Products, has expanded its structural fastening portfolio with the launch of MarineLOK, a heavy-duty structural screw made from 316 stainless steel and engineered for applications located within 1,000 feet of saltwater.

Designed as a replacement for traditional ½-inch lag screws, MarineLOK is particularly suited to coastal wood-to-wood connections, including decks, docks and other outdoor structures exposed to harsh, corrosive environments.

The fastener combines three key design features: a sharp Type-17 point for easier starting, serrated cutting teeth for efficient penetration, and inner threads designed to clear wood debris during installation. It also incorporates FastenMaster's SureStart ThreadPoint technology to enhance installation performance.

Charles Emma, senior product manager for FastenMaster's structural business unit, said MarineLOK strengthens the company's LOK product line by providing professionals with a true marine-grade 316 stainless steel structural fastener. He noted that the product is designed to deliver reliable strength and corrosion resistance in applications exposed to saltwater, chemicals and other demanding conditions.

MarineLOK is offered in 3-, 4-, 5-, 6-, 8- and 10-inch lengths. Each box contains 30 fasteners and a T50 driver bit, providing a ready-to-use solution for coastal construction and other corrosion-prone applications.



Elite Self-Drilling Screws for Faster Metal-to-Metal Installation

Elite 自钻螺丝，加速金属对金属安装作业

Teks®, a leading brand in metal fastening solutions, has launched Teks Elite Metal-to-Metal Screws, a premium line of self-drilling fasteners **developed for electrical, HVAC, metal framing and general construction professionals. The new screws are designed to improve installation speed, driving control and connection quality without the need for pre-drilling.**

The fasteners feature Teks' proprietary Lightning Point™ tip, which starts up to 20% faster in metal and helps prevent the screw from walking across metal surfaces. A T-20 star drive with StikFit™ technology enhances bit-to-screw engagement, reducing wobble and dropped screws during installation. Meanwhile, the low-profile washer head provides a semi-flush finish while increasing clamping force for secure metal-to-metal connections.

Kim Cortes, Sr. Product Manager for Teks, said the Elite line was developed to address common challenges encountered during metal-to-metal installation, helping crews achieve greater speed and consistency.

Applications include electrical accessories, ductwork, strut and metal framing. Teks Elite complements rather than replaces the company's Original Metal-to-Metal Screws, giving contractors a choice between everyday performance and premium speed and control. The new fasteners are available in multiple sizes and pack configurations through major retailers and building material suppliers across the U.S.



DTI Swing Bolt Set with Visual Tightening Indicator

DTI 摆动螺栓套件，缔结状态「变色」即可快速判断



Japan-based Ikeda Metal Industrial has introduced the DTI Swing Bolt Set, a fastening solution designed for securing covers on mixing tanks used in chemical, pharmaceutical and other industrial plants. The product addresses common fastening problems such as missed tightening, insufficient tightening and angled installation, helping reduce the risk of leakage. A patent application has been filed for the product.

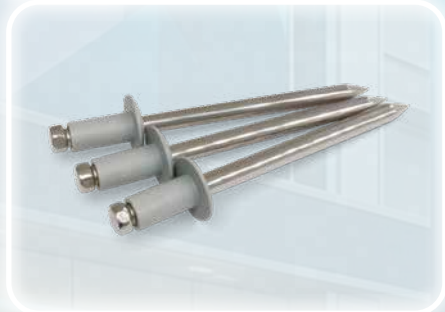
A key feature is its ability to make the otherwise difficult-to-check tightening condition visually identifiable. The bolt appears red when it is loose and changes to black once the appropriate tightening level is reached. This allows operators to quickly verify fastening status without relying heavily on experience or additional inspection tools, helping reduce human error.

The set also incorporates a special spacer that corrects the bolt angle, enabling the bolt to press vertically against the tank cover and distribute the load more evenly. Its hinged structure helps prevent the bolt from falling off, reducing the risk of lost components and unnecessary reassembly work. The company said the set can be installed on existing equipment with only minimal modifications and component replacement. The solution combines error-proofing, labor-saving and safety features, reflecting a broader trend in fastening technology toward visualized and managed fastening conditions rather than simple mechanical fixation.



Blind Rivets for Highly-Corrosion-Resistant Coated Steel

高耐蚀镀层钢板专用盲铆钉，打造无焊接组装方案



The product targets applications such as sheet-metal container manufacturing, enclosure assembly and outdoor structures. The products provide a mechanical joining solution that eliminates the need for welding.

The new blind rivets address welding and galvanic corrosion challenges that can arise when working with highly corrosion-resistant coated steel. The rivet bodies feature an additional highly-corrosion-resistant surface treatment designed to reduce the risk of galvanic corrosion in steel sheets. As the joining process generates no heat, it can also prevent deformation and welding fumes while eliminating subsequent touch-up and repair work.

The rivets can be installed from one side, enabling efficient assembly without requiring specialized welding skills and helping achieve consistent fastening quality regardless of operator experience.

The company can recommend suitable rivet types according to the thickness of the steel sheets. With extensive application experience in outdoor structures, the company expects the new series to further expand the use of highly-corrosion-resistant coated steel in various construction and industrial applications.



CFRP Enters Functional Fastener Market with CF-LOCK Washers

CFRP 跨入功能型紧固件市场：CF-LOCK 防松华司



Japan-based Kyowa MFG Inc. has introduced CF-LOCK, a CFRP fastening solution designed to improve joint reliability in manufacturing equipment, motorsports and other high-vibration or high-temperature applications. Its first product is a CFRP anti-loosening washer.

CF-LOCK leverages the material properties of carbon fiber-reinforced plastic (CFRP) to enhance bolt-joint stability. The G model uses specially designed grooves to increase friction and resistance to loosening. The H model features a tapered hole that increases the exposed carbon-fiber area to improve heat conduction and dissipation. The GH model combines both anti-loosening and heat-dissipation functions for environments exposed to both vibration and elevated temperatures.

The company said multiple patents have been filed for technologies related to CF-LOCK, which was developed based on experience in demanding environments such as racing and karting. The company plans to expand the CFRP technology into spacers, equipment base plates and precision jigs, broadening the applications of functional composite fastening components.



Diamond Deck & Wood Screws for High-Performance Outdoor Applications

Diamond Deck & Wood Screws 提升户外施工锁固性能

Woodgrain, Inc. has introduced its new Diamond Deck & Wood Screws, a premium fastening solution designed for decking, outdoor construction, and treated lumber applications.

The new screws feature **patented TTX drive technology, a Typhoon head with nibs, and a DXAS coarse thread design to reduce cam-out, wobble, and installation torque** while improving driving efficiency. According to Woodgrain, performance testing showed the screws achieved leading results in driving speed, torque, and pull-out resistance.

Diamond Screws also feature a 2,000-hour Nano corrosion-resistant coating and are approved for exterior use and ACQ-treated lumber applications. The product is backed by a limited lifetime fastener warranty, providing long-term durability for demanding outdoor environments.

Woodgrain said the new product line addresses common installation challenges faced by contractors while offering distributors a premium fastening solution with strong market potential. The company believes Diamond Screws will help dealers enhance product value, improve customer satisfaction, and support sales growth in the high-performance fastener market.



Neluma Floating Solar Platform for Global Expansion

搭配卡扣式紧固元件的 Neluma 漂浮式太阳能平台 加速全球市场布局

ARaymond has officially launched Neluma, its floating photovoltaic (FPV) platform, following the successful validation of a pilot project in France. Designed for reservoirs, agricultural ponds, industrial water bodies, and artificial lakes, the modular system can be adapted to various site configurations.

Neluma features 100% recyclable aluminum catamaran floats and ARaymond's clip-on fastening system, which simplifies installation, reduces on-site fastening work, and eliminates the need for retightening during operation. The company also deploys mobile micro-factories near project sites to manufacture and assemble components locally, reducing transportation costs and accelerating project delivery.

The first 260 kW pilot installation in Savoie, France, was completed in just seven days and has operated without corrective maintenance since entering service in 2024.

ARaymond is now expanding Neluma through regional production hubs in France, India, and Brazil, targeting floating solar projects on reservoirs, quarries, and agricultural water bodies. The company believes the platform's sustainable design and localized manufacturing model will support the growing global demand for floating solar energy solutions. ■

