

EMERGING FASTENER MARKETS NEWS

全球新興市場新聞

compiled by Fastener World

Association News

The Fasteners Cooperative Association of Kansai Visits Manila, Philippines

關西螺絲協會 菲國馬尼拉視察圓滿完成



The Overseas Information Committee of Fasteners Cooperative Association of Kansai (Western Japan) led a delegation of 7 members on a tour to Manila, Philippines, from October 22 to 24, 2025. The purpose was to gain insights into local market dynamics and business environment while exploring potential future collaboration opportunities.

The group departed from Kansai International Airport and, upon arriving in Manila, they first toured the historic Intramuros district to experience remnants of the Philippine colonial era. The following day, the delegation visited Yamaguchi Nut Philippines Corporation (affiliated with Japan's Yamaguchi Nut Company), where they received a company overview and details on future development plans. Discussions focused on Philippine market trends and business challenges, followed by a tour of the nut factory to examine production processes. The group then proceeded to Philippines Ogami Corporation (affiliated with Japan's Ogami Co.), listened to a company briefing, and conducted an tour of the mold factory to gain a deeper understanding of local operations. After concluding the tour, the delegation returned home from Manila. This activity not only gathered valuable overseas information but also strengthened ties between Japanese and Philippine companies, contributing to the association's future internationalization efforts.

Market Watch: Trump Tariff 2.0

Trump's Steel Tariffs Stifle India's Metal Industry Amid Global Trade Tensions

川普鋼鐵關稅在全球貿易緊張中扼殺印度金屬產業



Corona Steel
Industry Pvt Ltd

For years, the US has been a major market for Aditya Garodia, director of Corona Steel Industry Pvt Ltd, exporting over 100 steel products like fasteners from his West Bengal factory. However, after US President Trump imposed tariffs, business slowed significantly. Garodia said clients delayed orders and payments, with 30 percent of orders canceled after the tariff increase. Domestic demand also dropped due to cheaper Chinese competition. He stressed that India's future steel exports depend on negotiating lower US tariffs.

Foundry owners across India report a steep decline in orders from US clients, describing the tariffs as a "nail in the coffin" for their businesses. Despite vigorous efforts by Indian industry representatives and the government to secure tariff exemptions and explore alternative markets, the trade restrictions remain firmly in place. With ongoing challenges from global trade tensions and economic instability, the tariffs exacerbate pressures on India's metal industry. The situation highlights the broader risks facing exporters amid shifting international trade policies under US administration changes. Indian foundries are now forced to innovate and seek new opportunities, but the shadow of the tariffs continues to limit growth and profitability. The persistence of these tariffs serves as a cautionary tale about the long-term consequences of protectionist trade policies on global supply chains and developing economies.



Market Watch : CBAM

CBAM Takes Effect: Thailand's Steel Industry to Bear the Brunt

CBAM上路 泰國鋼鐵業將首當其衝



With CBAM effective on January 1, 2026, Thai analysts predict that Thailand's iron and steel sector will face the heaviest impact. K-Research estimates the mechanism will affect 3.8% of Thailand's exports to the EU, equivalent to 28 billion bahts. Iron and steel, along with aluminum, will be hit first; in 2024, Thailand exported US\$95.1 million worth of iron and steel to the EU and US\$56.7 million in aluminum. Cement and fertilizer exports are negligible, while electricity and hydrogen have no sales to the EU.

Thai steelmakers are already under pressure from cheap Chinese imports and the US decision to raise steel and aluminum tariffs from 25% to 50%. CBAM will further erode competitiveness. Analysts warn that while initial financial burdens are limited, failure to adjust quickly could undermine Thailand's manufacturing edge. To support exporters, the Thai government is advancing the climate change bill approved by the cabinet on December 2, 2025, demonstrating Thailand's commitment to global decarbonization. The Federation of Thai Industries chairman stated: "This bill will bolster industry and exports, protect Thai products in international markets, and prevent lagging behind global climate standards." He emphasized that if Thailand fails to keep pace with CBAM and similar regulations, it risks declining export competitiveness, slower economic growth, and widening industry inequality.

European High-Energy-Intensive Industries Criticize: Carbon Border Tax Too Lenient on China's "Dirty Imports"

歐洲高耗能產業批評：碳邊境稅對中國「髒進口」過於寬鬆



Starting in 2026, the EU imposes carbon fees on cement, iron, steel, aluminum, and fertilizers imported from countries with weaker emissions standards, ensuring "dirty" imports do not gain unfair advantages. EU domestic products must pay around €80 per ton of CO₂. European high-energy-intensive industries are deeply concerned that the CBAM is too soft on heavily polluting imports from China, Brazil, and the US, undermining the mechanism's original purpose. The main challenge lies in foreign producers not providing precise emissions data, so the EU plans to use default formulas for calculations. Drafts show that default emissions values for Chinese steel products are even lower than EU equivalents, sparking industry criticism. Green steelmaker Stegra is surprised that some EU production routes have "higher emissions than China" and suggests adjusting the values.

Industry warns that low default values will weaken incentives for clean production, allowing high-emission imports to enter the market at low carbon costs, potentially backfiring. CBAM Alliance Acting Chair Leon de Graaf stresses that default values should be set high to "punish" those not reporting real data, or importers will lack motivation to comply. Incorrect values could harm EU producers for two years. In response, Chinese media reports that these European industry figures overlook China's steel sector's green transformation achievements, claiming that by 2024, China's steel industry had 660 million tons of capacity engaged in energy efficiency benchmarking, saving 105,000 tons of standard coal annually per 10 million tons of capacity—totaling 10.5 million tons saved and 27.5 million tons of carbon reduced yearly, equivalent to the annual carbon sink of 570 million trees. China's Ministry of Commerce has urged the EU to uphold fairness, transparency, WTO rules, minimize trade disruptions, and avoid protectionism and green trade barriers.

Industry Development

Canada Imposes 25% Additional Tariff on Steel Derivative Products

加拿大對鋼鐵衍生性商品加徵25%額外關稅

The Canadian government has issued an official announcement imposing a 25% surtax on specified steel derivative products effective December 26, 2025. This measure applies to steel derivatives imported from all countries worldwide, aimed at protecting the domestic steel industry. Importers must declare and pay through the Canada Border Services Agency (CBSA). Goods in transit on the effective date are exempt. Affected fastener HS codes include: 731811, 731812, 731813, 731814, 731815, 731816, 731819, 731821, 731822, 731823, 731824, 731829.



Exemptions: Goods covered by existing surtax orders (e.g., China/U.S. steel surtax orders), casual goods, Chapter 98 goods, and in-transit goods. Temporary Exemptions: Until July 1, 2026, goods for manufacturing motor vehicles or vehicle chassis, or parts/ accessories thereof; goods for aircraft, ground flight simulators, or spacecraft, or parts thereof.

Remissions: Case-by-case relief available for goods unavailable domestically or causing severe economic impact. Existing U.S. import remissions temporarily extended through January-June 2026 (depending on use).

China's Fastener Exports Exceed 5.1 Million Tons in First 11 Months of 2025 Despite Price Decline

中國螺絲出口量前11個月衝破510萬噸
價格持跌助競爭



Despite persistently falling export prices, China's fastener industry demonstrates strong resilience. According to the latest data, **China's fastener exports reached 5.107 million tons in the first 11 months of 2025, up 7.5% year-over-year.** Full-year exports are projected to grow substantially for the second consecutive year, though the average price stood at just USD 1.921 per kg, down 2.7% from the previous year. January's exports soared to 587,339 tons, setting a historical single-month record. Volumes contracted sharply to 249,243 tons in February and fell further to 411,424 tons in October—the second-lowest monthly figure of the year. November saw a rebound to 493,438 tons, up 19.93% month-over-month and 4.31% year-over-year, approaching the 500,000-ton mark and signaling demand recovery.

On pricing, August 2024 plunged to USD 1.85 per kg—the lowest in 6 and half years. In 2025, January dipped to USD 1.857 per kg, while March briefly rose to USD 2.008 per kg, ending nine straight months below the USD 2 threshold. October and November slid again to USD 1.893 and USD 1.874 per kg, respectively, both annual lows. By contrast, December 2022 peaked at a record USD 3.278 per kg, with March 2023 at the second-high USD 3.205 per kg. In 2024, full-year exports totaled 5.289 million tons, up 16.66%, but prices crashed 14.3% to USD 1.97 per kg. Analysts note that **low pricing remains a key competitive edge, driving volume growth amid price-volume divergence.** Historical lows, like February 2023's 190,000 tons, underscore volatility, yet **the overall upward trend bolsters China's global market share.**

Vietnam's Auto Parts Industry Accelerates

越南汽車零件產業加速發展

As of May 2025, Vietnam boasts 858 enterprises and manufacturing facilities certified to International Automotive Task Force (IATF) standards—a 22-fold increase in just 18 months—signaling rapid industry maturation. Vietnamese manufacturers now produce advanced components such as electric motors and electronic modules, moving beyond the so-called "screw curse" of only basic parts.

With a growing domestic auto market, experts urge a strategic push to develop the full supply chain, attracting foreign direct investment and supporting local SMEs. For example, Ho Chi Minh City's An Thinh Technology shifted from household electrical goods to automotive wiring and jacks in 2019, achieving double-digit sales growth annually. Vnines Innovation in Dong Nai focuses on EV motors and controllers, exporting to North America, Europe, and Asia. Amphenol RF Vietnam, established in 2024, assembles automotive RF connectors.

Vietnam's auto parts sector is increasingly integrated globally, valued at USD4.5 billion in 2023 and forecasted to exceed USD 13 billion by 2032. Despite challenges in skilled labor and environmental compliance, companies are expanding capacity and diversifying products, driving fast-paced growth.



Industry Leaders Unite to Drive Asia's First Carbon Capture and Storage Initiative

產業巨頭攜手推動亞洲首個碳捕捉與封存計劃

A pioneering cross-industry consortium comprising global steelmakers, energy giants, and mining companies has initiated Asia's first independent, industry-led study to explore Carbon Capture, Utilization, and Storage (CCUS) hubs across the region. Participants include BHP, ArcelorMittal Nippon Steel India, JSW Steel, Hyundai Steel, Chevron, and Mitsui & Co. The study aims to identify large-scale CCUS projects with strong potential for CO2 storage and commercial use, focusing on hard-to-abate sectors like steelmaking. By leveraging shared infrastructure and economies of scale, the initiative targets cost reduction and economic viability. The year-long project will also examine regulatory frameworks, cross-border CO2 transport, and commercialization pathways. This landmark effort seeks to accelerate decarbonization efforts in Asia's steel sector and create practical solutions that contribute to regional climate goals while supporting economic growth and industrial sustainability.



Companies Development

Avlock International India Inaugurates Manufacturing Facility in Mumbai

India啟用位於新孟買的扣件製造廠



On July 21, 2025, Avlock International India Pvt Ltd, a South African Joint Venture in India, inaugurated its new state-of-the-art fastener manufacturing plant in Rabale, Navi Mumbai. The event was led by founding member Mr. Lachhman Kewalramani and attended by Country Head Mr. Nishant Bagwe alongside key officials and partners.

The facility is equipped with advanced CNC and hydraulic machinery as well as in-house R&D, significantly boosting production capabilities to serve domestic and global markets. This move supports India's "Make in India" initiative by strengthening local manufacturing and reducing import dependency. Products include lockbolts, blind fasteners, rivet nuts, and hydraulic and pneumatic installation tools, serving critical industries such as automotive, railways, renewable

energy, oil & gas, and more. Director Mr. Sameer Bulchandani highlighted that the Rabale plant marks a new chapter for scaling production and fostering innovation, efficiency, and sustainability, aligning with the company's vision to become a globally recognized fastener brand.

BSRM to Invest Tk400 Crore in Fastener Plant

孟加拉BSRM公司投資 400 億塔卡設立扣件廠



BSRM Group, Bangladesh's steelmaker, has announced a Tk400 crore investment in building a state-of-the-art fastener manufacturing plant under BSRM Wires Limited at Mirsharai in Chattogram. The plant will produce high-quality bolts and nuts, reducing reliance on imports. Investment comes from both BSRM Limited and BSRM Steel, each contributing Tk200 crore. Construction will take over a year, creating at least 200 new jobs.

This strategic move enhances BSRM's position in the steel value chain, aiming to support large infrastructure, shipbuilding, and energy projects while strengthening Bangladesh's regional market competitiveness.



Businesses Including Deepak Fasteners Plan Rs 15,000 Crore Investment in Madhya Pradesh

Deepak Fasteners等多家企業將在中央邦投資1500億盧比

Newly inducted Punjab Industry Minister Sanjeev Arora faces a challenge as several Ludhiana-based industrialists plan to invest Rs 15,000 crore in Madhya Pradesh (MP) over the next five years. This surge follows MP Chief Minister Dr. Mohan Yadav's recent visit to Ludhiana, where discussions with business leaders led to this investment boost. Concerned about Punjab's investment outflow, MP Vikram Sawhney stressed the need to build a strong local ecosystem with world-class infrastructure and industrial zones to retain investment and jobs.

The move threatens Punjab's economy. Gurmeet Singh Kular, president of the Federation of Industrial and Commercial Organizations (FICO), criticized the Punjab government for insufficient support, citing issues with promised fiscal incentives and refund schemes excluding major sectors. Shiromani Akali Dal president Sukhbir Badal highlighted lawlessness and gang violence in Punjab as reasons for the exodus, accusing political instability of damaging the state's economy.

Key investors committing to MP include Deepak Fasteners (Rs 1,300 crore) and others, with expected employment for 20,000 youth. An industrialist noted better subsidies and safer conditions in MP compared to Punjab, influencing investment decisions.

Marmon Fastener Leases Factory in Southern Vietnam

Marmon Fastener公司租用越南南部工廠擴展製造鏈

Marmon Fastener will lease a 6,000-square-meter ready-built factory in Dong Nai Province, southern Vietnam, to manufacture screws for the North American market. The deal was facilitated by property firm Savills Vietnam. After two years of studying the country, Vietnam was chosen for its first investment, according to Chairman Steve Semmler. Leasing a ready facility reduces deployment time and leverages Vietnam's skilled labor, stable investment environment, and competitive costs, while strengthening global manufacturing capacity and diversifying supply chains beyond North America.

Savills HCMC's industrial services manager Phan Cuu Chi said this move reflects growing American investor confidence in Vietnam as a manufacturing hub within Asia's supply chain. Vietnam's advantages in cost, human resources, and location continue to attract multinational expansion.

Sundram Fasteners Announces New Global Engine Program

Sundram Fasteners 宣布全新全球引擎計畫



Sundram Fasteners Limited

Automotive components leader Sundram Fasteners recently unveiled a new global internal combustion engine (ICE) program and expressed a positive outlook for the coming months. This strategy capitalizes on robust domestic industry momentum and export recovery potential. The company revealed a long-term initiative set to launch between 2029-2031, demonstrating its innovation commitment and ability to secure future business amid automotive industry transformation.

Q4 and Q1 order schedules are expected to optimize, with management optimistic about the next six months, driven by:

- Strong domestic industry conditions
- Potential export market recovery
- Increased customer orders in Q1 and Q2

New products account for over 20% of revenue, developed over the past three years, showcasing market adaptability. Stainless steel and railway fasteners are key growth areas, targeting double-digit annual growth next year. The wind energy segment matches automotive profitability with superior capital return, focused on domestic markets, highlighting successful diversification.

Despite export challenges, management anticipates recovery within six months, with customers planning increased Q1-Q2 orders to significantly boost overall performance. Through the global engine program, product innovation, and diversification, Sundram Fasteners solidifies its growth foundation. Positive domestic and export outlooks plus strong wind energy results signal achievable targets, with investors watching quarterly financials closely.



Nitto Seiko Meets with Haryana State Chief Minister to Deepen Business Expansion in India

日本日東精工與印度哈里亞納邦首相會面，強化日印合作

On October 7, 2025, Nitto Seiko (Japan) held a significant meeting with Nayab Singh Saini, Chief Minister of Haryana State, India, during the "India Haryana State Investment Promotion Roadshow." Facilitated by Nippon Indo Cultural and Economic center, this meeting marked an important opportunity to strengthen India-Japan economic cooperation.

Since Mr. Saini took office in March 2024, bilateral economic collaboration has deepened. Earlier this year, Nitto Seiko completed the acquisition of Vulcan Forge Private Limited and Vulcan Cold Forge Private Limited subsidiaries in India to leverage local manufacturing and supply chain integration. The meeting featured an introduction of the Vulcan Group based in Haryana and acknowledged by the Chief Minister through a commemorative gift symbolizing a lasting friendship. Looking ahead, Nitto Seiko plans to expand business in India, deepen local partnerships, enhance technology exchange, and accelerate its global growth strategy.



UK-Ghana Industrial Partnership Strengthened as British High Commissioner Visits Springs and Bolts Factory

英國高級專員訪問Springs and Bolts工廠，英國與非洲加納工業合作再添新章

British High Commissioner Harriet Thompson visited Springs and Bolts Co. Ltd. in Kumasi, Ghana, marking a significant milestone in UK-supported investments in Ghana's manufacturing sector during her farewell tour in the Ashanti Region. The visit underscored the UK's role in advancing Ghana's ambitions as a competitive manufacturing hub in West Africa. Through the UK's Jobs and Economic Transformation (JET) program, implemented by the Palladium Group, Springs and Bolts received technical support and grant funding, enhancing its capacity and enabling investor readiness. Early this year, the company secured significant follow-on investment via the Ghana Investment Support Programme (GhISP), enabling construction of a new, modern factory for large-scale production of automotive leaf springs and launching Ghana's first fasteners manufacturing plant. This expansion will boost local value chains, create over 200 skilled jobs, and expand exports to five new West African markets.

CEO Derrick Asamoah Boahen praised UK support for enhancing investor confidence and enabling growth and diversification. Commissioner Thompson highlighted the factory as a prime example of British investment fostering local businesses, innovation, and stronger UK-Ghana ties. Springs and Bolts has begun full production since the end of 2025.



Coastal Steel and Fasteners Launches in Beerwah Industrial Park, Australia

Coastal Steel and Fasteners公司
在澳洲Beerwah工業園區開業



A fresh player in steel supplies and fasteners has opened its doors in Beerwah's expanding industrial estate, delivering premium products and dedicated service to the local Hinterland area. Situated conveniently in the new industrial zone off Roy's Road (adjacent to Reece Plumbing), Coastal Steel and Fasteners is now serving customers with an extensive selection of steel materials, fasteners, and bespoke cutting services designed for projects big and small.

Owner and founder Brendan Flesser, a certified boilermaker with more than 10 years of practical expertise, guarantees professional guidance, accurate fabrication, and dependable support. "Our goal is to equip local tradespeople, companies, and DIY enthusiasts with top-grade materials and tailored solutions," Brendan shared.

He invites nearby residents and professionals to stop by, discuss their needs, and browse the inventory. "We're building more than a business—we're becoming a community staple. I'm eager to partner on turning ideas into reality." Emphasizing knowledge, customer care, and real partnership, Coastal Steel and Fasteners is set to establish itself as the go-to local resource for the long haul. □



ZJK Industrial Triples Captive Screw Production Efficiency with New Semi-Automatic Equipment

中金科五金開發的半自動設備將內六角螺絲生產效率提升三倍



ZJK Industrial Co., Ltd., a high-tech precision parts manufacturer, announced the deployment of newly developed semi-automatic punching equipment for captive screw production. This advanced technology has increased production efficiency by over three times while reducing manual labor by 50%, significantly cutting costs. Captive screw production traditionally involves complex assembly and manual punching due to multiple components and quality challenges. The new system uses a circular workbench with an adjustable stamping mechanism, allowing integration into automated assembly lines without manual intervention. ZJK's innovation addresses manufacturing complexity and meets strong market demand for these fasteners. This advancement enhances ZJK's competitive edge in sectors including AI infrastructure, consumer electronics, electric vehicles, and aerospace.

BMW Discloses Patent "Logo Screw" Design

BMW 申請「廠徽螺絲」專利

Carscoops reports BMW has publicly disclosed a patent for a custom screw head mimicking its iconic round logo. Unlike standard Phillips, hex, or Torx designs, if it goes to mass production it could mandate specialized tools for removal. Patent illustrations show the screw head divided into four quadrants inspired by the brand emblem: two recessed, two flat or raised, creating a unique geometric profile operable only by matching bits. Documents stress conventional screws are easily manipulated by anyone; BMW aims to limit access to authorized personnel for operation, removal, or installation. The logo structure is non-replicable without permission, covering screws and tools. Primary applications target vehicle interiors: cockpit-to-body connections, center console mounting, seat fasteners. Variants include half-round, countersunk, and cylindrical heads for enhanced visibility. Carscoops notes such non-standard fasteners boost brand recognition but challenge mechanics and

DIY owners—standard toolkits won't grip, requiring BMW-specific sets for critical parts. However, carmakers file many patents annually with many unrealized. This design, filed June 7, 2024, and published December 11, 2025, remains conceptual.



Tesla Non-Metal Fasteners Solution Boosts Cybertruck Corrosion Resistance & Efficiency

特斯拉非金屬扣件提升Cybertruck耐腐蝕與效率

Tesla's latest breakthrough targets a seemingly ordinary yet critical component: the fastener. This innovation not only ensures structural integrity for vehicles like Cybertruck but also transforms manufacturing processes. Combining different metals, such as stainless steel body panels with traditional fasteners, often triggers galvanic corrosion, leading to premature rust, especially in harsh environments. The Cybertruck's stainless steel exoskeleton faced this issue, as standard steel fasteners couldn't endure it, while stainless steel alternatives proved too costly and mechanically inflexible for mass production.

Tesla conceived a non-metal fastener system featuring a central rotating lock and flexible housing, completely avoiding metal corrosion problems. Through a unique mechanical leverage mechanism, these fasteners secure vehicle panels with unprecedented strength. High-strength glass fiber-reinforced polyamide polymers ensure durability, challenging the conventional belief that only metals provide reliable structural robustness. This system allows pre-assembly on parts to reduce assembly line labor and time. Snap-fit designs ensure stability during transport, optimizing logistics and processes. Though made of "plastic," these fasteners match metal endurance against high wind resistance and vibrations. Their reusable design facilitates easy removal and reinstallation, minimizing waste and demonstrating sustainability commitment. This technology supports the "Unboxed" modular manufacturing for future models like Robotaxi. Replacing metals with polymers yields major cost savings while maintaining quality and margins.

Office	Title	
United States of America	[EN] SCREW LOCK	
Application Number	18873998	
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