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THE BIG STAGE BECKONS

Geo-political events unfolding on the global stage are making India an increasingly favored nation for sourcing. An extremely stable government for a long period, a massively young upcoming working class demographic, and dynamic entrepreneurship seeking big growth have made India a highly attractive destination for global businesses. Set to be the third largest economy in the world by 2028-29, we have made phenomenal headway as a superpower.

At Fasteners Association of India, our endeavor is to project India on the international stage as a serious hub for sourcing and investing. Our most ambitious event till date, India's biggest Fastener Industry Summit 2024 on November 24, 2024, at the prestigious JW Marriott Hotel in Pune, is a massive step towards that objective. Supported by India Fastener Show, running from November 22-24, 2024, this summit will bring together the industry's leading minds to foster growth and collaboration.

Being digitally visible globally is another critical aspect towards the vision. We have evolved with an interactive portal and app for the industry which is much beyond a basic website. Our platform www.fastenindia.in will help buyers globally and in the domestic markets to identify a vast array of quality suppliers.

More details about the portal and its benefits to the industry as well as global buyers are detailed as a separate article within this issue. It is critical for the industry to be involved as we project the Indian Fastener industry to the world for it to notice it and realize the importance of investing into India.

Our participation in the most important fastener shows in the world – Fastener Fair Global at Stuttgart, Germany and International Fastener Expo at Las Vegas, USA – is on the rise, which is an eminent sign of our growing significance.

As our show of strength at the association has been growing drastically with increasing awareness through the FAI Summit and the social media, and the members understanding the importance of presence on our new portal, we hope that we will be able to have a major share of industry suppliers as our members, thereby increasing our clout with government and other agencies.

It's high time for the global buyers to explore India as a competitive, quality-conscious, and dependable manufacturing hub. It's also time for us to come together strongly as an industry force to be reckoned with.



Source: FAI

ABHIJAT SANGHVI
President
Fasteners Association
of India (FAI)

At Fasteners Association of India, our endeavor is to project India on the international stage as a serious hub for sourcing and investing. Our most ambitious event till date, India's biggest Fastener Industry Summit 2024 on November 24, 2024, at the prestigious JW Marriott Hotel in Pune, is a massive step towards that objective.

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SCALING NEW HEIGHTS WITH GROWTH AND STANDARDS

It is always a pleasure to share positive developments from the industry.

The first one underscores that the Indian Fasteners industry is heading in a positive direction. Sundaram Fasteners has recently posted its profit, which it quoted as being its highest ever. The company's consolidated net profit for the quarter ended September 2024 increased by 8 percent and stood at INR 143.84 crore as compared to INR 133 crore during the corresponding period previous year. The company's consolidated revenue from operations was at INR 1,486 crore compared to INR 1,422 during the same period previous year.

Yet another encouraging update is that the Indian Government, under section 16 of the Bureau of Indian Standards (BIS) Act, 2016, has issued a new regulation titled the Cross Recessed Screws (Quality Control) Order, 2024. This order mandates that specified screws and fasteners must conform to the Indian Standards and bear the Standard Mark, licensed by BIS as per the BIS Conformity Assessment Regulations, 2018. Certain exemptions apply, including domestically manufactured goods for export and products imported as part of finished goods or components. Additionally, micro and small enterprises, as defined under the Micro, Small, and Medium Enterprises Development Act, 2006, are granted time-bound compliance extensions.

The certification will lead to limiting the import of cheap fasteners from China. There have been allegations that under-invoicing was taking place and screws imported from China were being cleared at a low price.

Lastly, with the aim to project India as an ideal hub for sourcing and investing, the country's biggest Fastener Industry Summit 2024 is being organized by Fasteners Association of India, on November 24, 2024, at the prestigious JW Marriott Hotel in Pune. Leading stakeholders of the industry will be showcasing their latest innovations at the event, making it unmissable for those keen to be at the forefront of advancements in the field.

It's our endeavor to help you keep pace with the cutting-edge developments in the industry through FastenerIndia. Please write to us to let us know if you need any changes in the content. Your feedback truly matters.

The domestic fasteners market is slated to do significantly well in the coming days as the industry sectors the Fasteners industry serves such as Automotive, Aerospace, and Manufacturing are also on an upward growth trajectory.

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THREADING SUCCESS, BOLTING INNOVATION

When more and more significance is given to each single thread and bolt of every engineering creation, it is time for companies like Fine Thread Form Industries to shine. Using their vast experience of more than three decades and the motto of 'Quality First', this Rajkot-based fastener manufacturing company has set high standards of quality, innovation, and reliability.

Founded in 1992 by visionary Pravinshinh Vaghela, this family-led company has developed from modest beginnings into a global leader serving Original Equipment Manufacturers (OEMs) and a diversified industry with an unwavering commitment to excellence. Starting from a mere dream with a very vivid vision, Pravinshinh's determination has culminated in what is currently a leading player in the

fasteners industry. Today, his sons Dharmendrasinh Vaghela and Hardeepsinh Vaghela hold the helm of the company to further consolidate the legacy and ensure that the principles of innovation, quality, and customer satisfaction remain not only intact but indeed developed further. "Over time, through sheer perseverance and strategic investments, the company has grown into a leading name in the fasteners industry, sup-

plying fasteners to a wide range of sectors, including automobiles, two-wheelers, three-wheelers, tractor and farm equipment manufacturers, commercial vehicles, and earthmoving machinery," shares Dharmendrasinh.

Facilities Driving Excellence
Leading the values initiated by their founder, Dharmendrasinh and Hardeepsinh are also embracing new advancements and technologies to

UNIT 1 - Aji G.I.D.C. - Rajkot (Registered Office & Nut Manufacturing Division)

All image source: Fine Thread Form Industries



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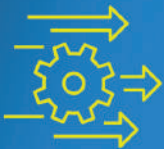
20⁺
Types Of Plating

About us

Hylite Group is essentially involved in metal finishing processes. Based in Mumbai-Pune region we are renowned for our versatility in providing electroplating and galvanizing solutions to a industries ranging from automobiles, electronics, wind and solar power, heavy engineering, electrical and construction to name a few.

Historically Hylite Group started off in 1943 as an electroplating plant in south Mumbai catering to local industrial requirements. With progressive growth and adaptation to newer technologies in the metal finishing industry it is now a group of Six plants spread across Mumbai and Pune providing a variety of metal finishing processes and also engineering solutions on turnkey basis.

Facilities - 20⁺ Electroplating process



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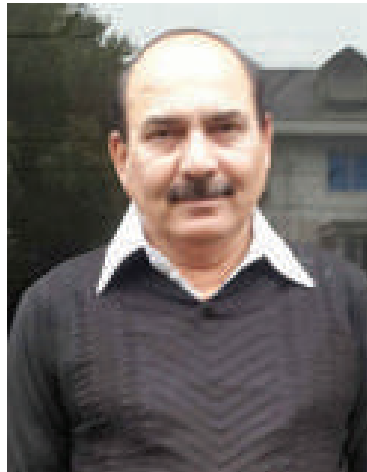
drive future growth. A critical aspect of the company's success is its continuous investment in modernization.

The company operates two state-of-the-art manufacturing units:

Unit 1: Nut Division, located at Aji GIDC, Rajkot, which has been operational since 1992, specializes in precision nuts and caters to a wide range of industries.

Unit 2: Bolt Division, established in 2021 at Raj Samadhivala, Rajkot, spans 36,000 sq mt, focuses on screws, bolts, studs, and other special fasteners such as engine and transmission chassis components.

Fine Thread Form Industries operates two state-of-the-art facilities in Rajkot, specializing in precision nuts and bolts, with fully automated processes for high-quality outputs. Its in-house manufacturing ensures consistent quality and cost efficiency.



The road to success may be tough, but giving up is never an option."

Pravinshinh Vaghela
Founder
Fine Thread Form Industries

Both facilities are equipped with cutting-edge automation technologies, from cold forging and thread rolling to surface finishing and packaging. This integration ensures consistency, efficiency, and high-quality outputs across all product lines.

Forging Quality In-House

Fine Thread Form Industries manufactures every fastener with great care and undergoes a meticulously controlled

manufacturing process. The key stages include raw material inspection, spheroidize annealing, coil pickling, wire drawing, cold forging, thread rolling, heat treatment, secondary operation (CNC machining), as well as drilling, grinding, shot blasting, surface finishing such as plating and phosphating, and PDI inspection.

"Fine Thread Form Industries has developed nearly all its processes in-house to en-

Cold Forging - Latest Technology Bolt and Nut Formers





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sure superior product quality, timely delivery, and cost-effective pricing," shares Dharmendrasinh. The company is a leading manufacturer in cold forging, specializing in various types of nuts, bolts, wheel bolts, screws, combi screws, studs, axles, and rivets. Its product range includes bolts and screws (cold forging) from M5X10 to M20X200 and nuts from M5 to M16, offering a comprehensive selection of high-quality fasteners.



Fine Thread Form Industries has developed nearly all its processes in-house to ensure superior product quality, timely delivery, and cost-effective pricing."

Dharmendrasinh Vaghela
Managing Director
Fine Thread Form Industries

Commitment to a Cleaner Tomorrow

Recognizing the importance of sustainability in today's time, the company has also taken beginner-level steps

Fine Thread Form Industries is committed to environmental responsibility with initiatives like a 356 KW rooftop solar solution and plans to install a 3.5 MW solar farm by FY 24-25. It also employ green manufacturing practices to minimize waste and energy use.

toward sustainability by installing a 356 KW solar roof top solution at the Rajkot plant, which helps in bringing down the carbon footprint of the facility. "As a part of Carbon Border Adjustment Mechanism (CBAM), Fine Thread Form Industries will be installing a 3.5 MW solar farm by FY 24-25, which demonstrates its commitment to environmental responsibility," shares Dharmendrasinh. Besides the solar panel installation at the company's Rajkot

plant, it has also adopted green manufacturing to its fullest by reducing waste and saving energy in both facilities. "These initiatives align with the company's vision of contributing positively to the environment while maintaining the efficiency and scalability of its operations," he adds.

Workers First, Customers Always

Underneath the layers of technology and sustainability, the company places significant

UNIT 2 - Raj Samadhiyala - Rajkot (Bolt & Stud Manufacturing Division)





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emphasis on its workforce. "At Fine Thread Form Industries, the well-being of its workers is paramount," asserts Dharmendrasinh. "The company has always prioritized the health, safety, and security of its employees, ensuring that its facilities meet the highest standards of workplace safety."

With solutions tailored to suit the global market, the company recognizes the diversity and evolving needs of its customers. As Dharmendrasinh explains, "In terms of client-specific requirements, we are committed to new product development." Working closely with clients allows the company to provide well-tailored fasteners for all types of

Fine Thread Form Industries prioritizes employee health and safety, maintaining high workplace standards, and emphasizes customer satisfaction through tailored solutions, meeting stringent requirements of global OEMs.



The company's fasteners are an essential part of numerous industries, and a trusted supplier to some of the world's leading Original Equipment Manufacturers (OEMs) customers."

Hardeepsinh Vaghela
Director
Fine Thread Form Industries

industries. "Whether it's a special coating, a custom design, or adapting to evolving technological needs, the company's engineering team ensures that its products always meet the highest standards of performance and durability," he continues.

Be it high-torque automotive components or durable fasteners for agricultural machinery, it ensures that its products meet the stringent standards of OEMs as well as end-users. Commitment to quality compliance from the

company dictates that every fastener manufactured is tested and inspected in an effort to meet or exceed the OEM vendors' requirements. "This attention to detail has earned a trusted position in the supply chains of various high-profile industries," he notes.

Building Tomorrow, Giving Today

Corporate social responsibility (CSR) has been firmly ingrained as part of operations at Fine Thread Form Indus-

UNIT 2 - Raj Samadhiyala - Rajkot (Bolt & Stud Manufacturing Division)






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tries. During the past 25 years, the company has maintained consistent NGO engagement, supporting social causes and community development in the process. However, the company remains in its pursuit of excellence, fueling innovation, and embracing the

visionary values found by the founder as it moves forward. "With a strong focus on modernization, worker safety, sustainability, and client-centric product development, the company is well-positioned to continue its leadership in the fasteners industry for years to come," Dhar-

mendrasinh says. Poised for an even brighter future, he concluded by honoring the founder, Pravinshinh, who steadfastly believes in the power of perseverance, and by reiterating his inspiring words: "The road to success may be tough, but giving up is never an option." 

Threading - Latest Technology Thread Rolling Machines



A LEGACY OF PRECISION

Raj Industries, known for quality and innovation in the fasteners industry, dates back to 1915, marking its century-long legacy and a remarkable journey. From its humble beginning as a small company that was into hardware trading business to a leader in the manufacturing of fasteners, Raj Industries is all about dedication for commitment, family values, and technological advancement.

All image source: Raj Industries

Being part of the fasteners industry and deeply connected to a legacy spanning more than a hundred years, Raj Industries was described by Dhruv Khandelwal, Managing Director, Raj Industries. He elaborated, "The journey of Raj Industries began in 1915 when my great-grandfather, Musaddi Lal, established 'Prem Sukh Dass Jawahar Lal', a hardware trading business that imported parts from Europe."

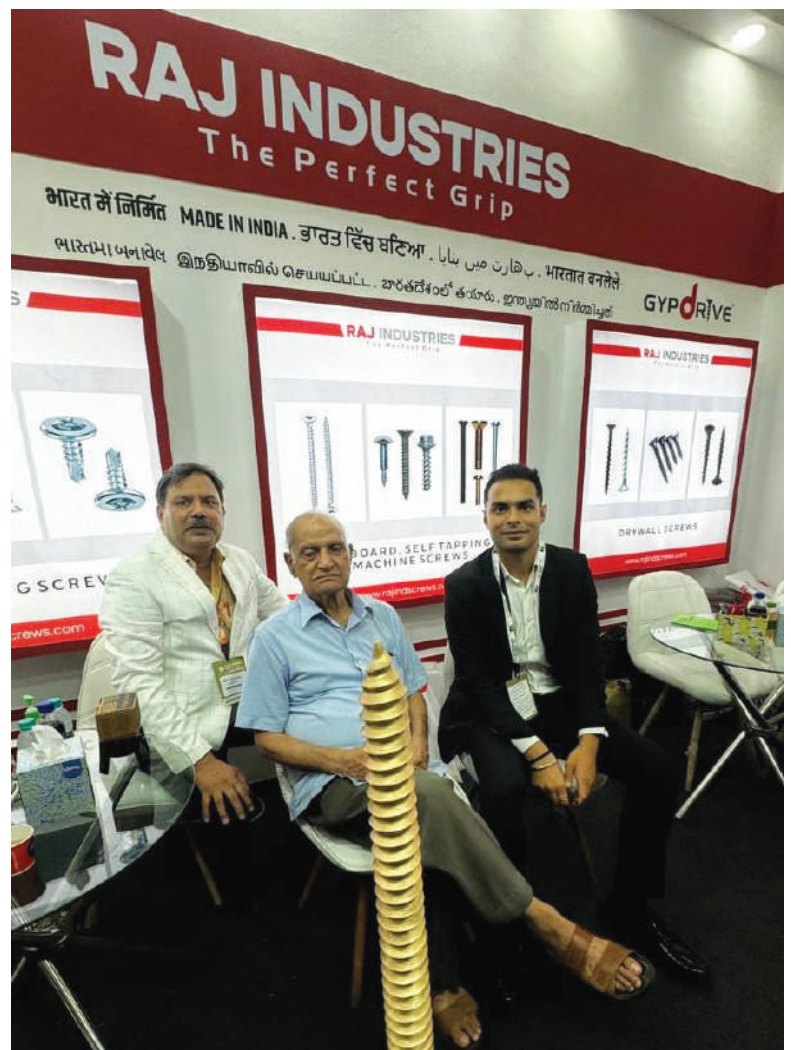
This marked the inception of the family's legacy in the industry. He continued, "In 1968, my grandfather, Raj Nath Gupta, carried this legacy forward by founding 'Raj Nath Gupta and Sons' in Chawri Bazar, New Delhi, establishing a strong reputation in the fasteners market—a role he continues to contribute to today." Next, a new era began, with 'Empire Fasteners' founded in the 1990s by Mukesh Khandelwal and his brother, which has now grown into a vast enterprise with four factories spread across two states. Currently, 'Raj Industries', under the leadership of Mukesh and the next generation, including Dhruv, continues to lead the industry with unmatched quality and continuous innovation, ensuring the family's legacy thrives into the future.



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Tightening Standards, Securing Trust

Raj Industries operates a



Left (Mukesh Khandelwal), Center (Raj Nath Gupta) & Right (Dhruv Khandelwal)

55,000 sq mt state-of-the-art factory that produces 1.5 crore fasteners every day. It holds a diversified product portfolio, including screws such as self-tapping, self-drilling, drywall, chipboard, and machine screws, and nuts such

as hex, nylock, flange, and dome nuts. "We manufacture products ranging in diameters from M1.2 to M12 and lengths up to 200 mm, adhering to global standards like DIN, JIS, ASTM, ISO, and GB," said Dhruv.

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Our mission is to deliver affordable, reliable, and high-quality fasteners while fostering a sustainable and thriving community.”

Dhruv Khandelwal
Managing Director
Raj Industries



Plant aerial view 55,000 sq mt

The company is ISO 9001, ISO 14001, and ZED Bronze Certified and also boasts of a fully integrated manufacturing process, ensuring complete quality control from raw material sourcing to plating. In addition, advanced technology like imported continuous heat treatment furnaces (1,200 kg/hr) helps maintain and promote the production of high-quality fasteners.

Eco-Fasteners, Eco-Future
Raj Industries strikes an effective

balance between industrialization and environmental responsibility. The eco-friendly practices include adoption of renewable energy and recycling of waste. It also maintains a 5-acre farm and rears 11 cows, showing its concern for the welfare of the community and sustainability.

Fastening India’s Future

Catering to the domestic market, Raj Industries provides fasteners to customers across India. Products like self-tapping

screws are the most sought and remain in continuous demand owing to its versatility, efficiency, and applications across multiple industries. “Our products support industries such as infrastructure, construction, furniture, electronics, and appliances, meeting diverse application needs and serving clients nationwide,” added Dhruv. In the future, the company plans to invest INR 20 crore in modernizing its manufacturing processes for enhanced quality and competitiveness, diversifying product lines with specialized fasteners and premium finishes, and aligning with global practices for sustainability. This investment is aimed at maintaining market leadership in fasteners by streamlining processes, developing more capabilities, and being on par with the best in the world.



Imported Continuous Heat treatment furnaces (1,200kg/hr)



Thread Rolling Line



Cold Forging Line



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Heritage Meets Foresight

Today, Raj Industries remains a company with a great past combined with a vision of further development. Equipped with state-of-the-art facilities, high-end sustainable approaches, and a focus on innovation, the firm is poised to lead the fastener industry in the future. As Dhruv puts it, “Our mission is to deliver affordable, reliable, and high-quality fasteners while fostering a sustainable and thriving community.” 

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ENCOURAGING DIVERSITY & EMPOWERING PEOPLE

From a small-scale manufacturing firm which started its operations back in 1988 to now, Kiran Fastners, is recognized worldwide as a leader in fastener manufacturing and surface treatment solutions. Its success over time involves innovation and commitment to excellence in producing cold-forming parts and a wide range of fasteners. Beyond industrial success, it has embraced gender inclusivity, integrating women into both technical and managerial responsibilities.



All image source: Kiran Fastners

Founded more than three decades ago, Kiran Fastners was created with the consideration of precision, quality, and satisfaction of the customer. Today, the company has several manufacturing units and sister plants at Bhayander, Pune, and Vasai, delivering high-quality fasteners across Europe and beyond covering automotive, engineering, construction, and aerospace industries. The company's most consumable products are Bolts, one of the most versatile and widely used types of fasteners, and Screws, on the other hand, feature a more tapered shaft

and are designed to be driven directly into materials.

"Innovation is at the heart of staying competitive," quotes Gagandeep Gill, Managing Director, Kiran Fastners, while highlighting that the technology is constantly evolving in the fastener industry in addition to rapidly shifting customer expectations. "Our product development team is always working to incorporate the latest technological advances into our products."

From Diversity to Dynamism

The company's leadership is also known for its policies associated with gender

diversity—one of the defining values of the company. With a majority of women in management positions, the initiatives focus on building decision-making confidence, presentation skills, customer and vendor interactions, cost analysis, fund management, material handling, and self-belief. Employees are encouraged to develop new skills and present innovative ideas, creating a safe and empowering work environment. Guided by the vision of the late Sardar Gурpal Singh, Gill, right after completing formal education, started working in administrative positions



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later on, taking on leadership roles. Sharing her experience, Gill recounts, "Initially, we worked in regular administrative departments, but gradually, we challenged traditional gender roles."

Breaking Traditions, Building Leaders

Kiran Fastners has developed a series of initiatives aimed at empowering women's advancement and greater gender inclusivity in the workplace. "We are deeply committed to promoting gender diversity, particularly with our management and manufacturing teams," reiterates Gill. "We offer career development programs specially for women to grow and succeed." This includes training for women in threading operations,



We are deeply committed to promoting gender diversity, particularly with our management and manufacturing teams. We offer career development programs specially for women to grow and succeed."

Gagandeep Gill
Managing Director
Kiran Fastners

instrument handling, parts measurement, and technical know-how, generally dominated by men. Management programs, such as the 5S Program and Decision-Making Program, and Fund Manage-

ment further equip women with skills in analytical thinking, helping them take more challenging jobs.

Women Driving Innovation

In its course of functioning, the company has relied on the contributions of dedicated women, particularly during pivotal moments such as the company's transition from ISO to IATF certification. This challenging process required innovations in every aspect of production, changing from the traditional method to the latest method. "At this point, we identified our need to involve women in every process, recognizing their sincerity and consistency in performance," she shares.

"We identified gaps and provided training; however, involving women in this area was not an easy task as the reserved mindset of society and personal reservations were few of the challenges we had to overcome." Donning dual roles as a mentor and a mother—as per Gill—under the mentorship of Kuljit Kaur, women took on roles in inspection, fund allocation, and cost management, playing an essential part in achieving IATF certification and securing the company's reputation for quality.



Where Balance Meets Success

The company takes pride in supporting its female employees with work-life balance options and professional growth opportunities. Flexible working hours, remote work options, and a safe work environment are just some of the measures in place. "We celebrate Women's Day and other traditional festivals, creating an inclusive atmosphere that supports our female employees to work safely and stress-free," notes Gill. Open dialogues are encouraged to foster a sense of community, and mentorship programs emphasize self-respect, dignity, and skill-building.

Driving Quality and Excellence

The women professionals at Kiran Fastners have also made significant contributions to quality control and certification processes, notably under the IATF 16949 and ISO 9001 standards. Through skill development programs in areas such as defect identification, tool management, and material handling, women have played a vital role in minimizing in-house and customer rejections. Their contributions have enhanced quality



standards and improved customer satisfaction. "Understanding customer requirements, feedback, issues, and training provided by customers are our tools to meet dynamic market demands and expectations," notes Gill. "Analyzing these factors drives decision-making and paves the way for a customer-centric approach aligned with the company's vision."

Growth, Innovation, Sustainability


Citing the future as 'unpredictable', Gill mentions, "However, study of our target market, combined with over three decades of experience and growth, has led us to our

strategic plans for investment and expansion in the coming years, focusing on growth, scaling, and key areas to ensure success."

In terms of operational efficiency, the company identifying as 'a key focus' is working on refining internal operations, reducing costs, and improving productivity. On sustainability, the Managing Director added, "One of our key long-term goals is to make our business more sustainable. This means looking at how we can improve supply chain transparency and offer more environmentally friendly products."

Kiran Fastners, while balancing short-term needs with a long-term vision, is well-positioned for further growth while maintaining financial stability. Such plans in particular reflect a commitment to sustainable growth and its continuing belief in the importance of innovation.

Leading with Diversity

Kiran Fastners is a story of resilience, innovation, and inclusiveness all woven together. Aglow with a vision of equality and excellence, it continues to evolve powered by the values instituted by its leaders and its crux—the dedicated team members. 



FAI DIGITAL TRANSFORMATION INITIATIVE

The Indian Fastener industry plays a critical role in the nation's Manufacturing sector, serving as the foundation for various industrial applications. As the world increasingly embraces digital transformation, the Fastener industry stands to benefit from the opportunities that digitalization presents.

Source: Magic Wand Media



The introduction of digital technologies is revolutionizing the way manufacturers operate. By adopting advanced digital tools, companies in the Fastener industry can streamline key processes such as supply chain management, inventory control, and customer relationship management (CRM). These technologies allow for real-time data tracking, predictive analytics, and automated workflows, leading to better decision-making, reduced operational costs, and more efficient production.

For example, data-driven insights enable manufacturers to fine-tune production schedules, minimize downtime, and optimize resource allocation. Additionally, real-time monitoring of inventory and supplier stock levels ensures businesses can manage resources more effectively, avoiding costly stockouts or excess inventory.

The Role of the FAI

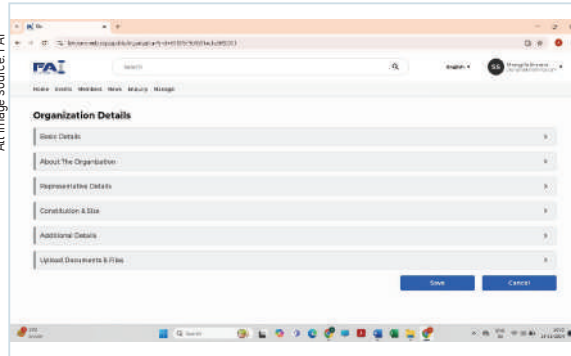
To support these digital advancements, the Fasteners Association of India (FAI) is playing an instrumental role in driving growth and development within the industry. Through initiatives like strategic partnerships and the introduction of cutting-edge digital platforms, FAI is working to create an ecosystem that facilitates innovation, collaboration, and global competitiveness for Indian fastener manufacturers.

One such collaboration is with Sambuq.com, a B2B enabler company, to launch a new and improved platform tailored specifically for the Fastener industry. This platform is designed to address the unique needs of fastener manufacturers, suppliers, and stakeholders, offering a comprehensive suite of digital tools that support a wide range of operational and strategic functions.

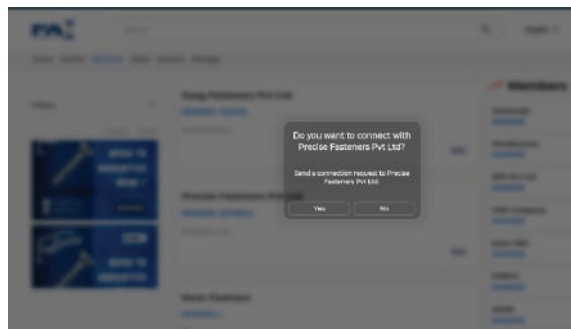
Article source: FAI

Key Features of the New Digital Platform

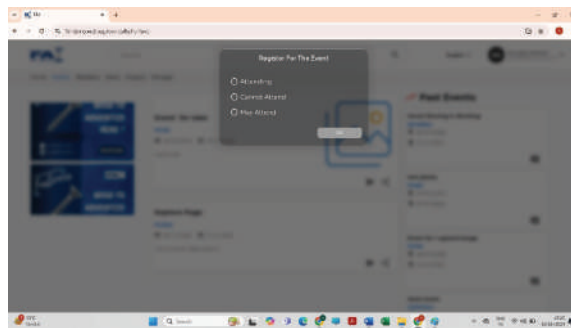
- o **Organizational Profile Management:** Companies can create and update detailed profiles to enhance visibility and presence in the industry, ensuring they are easily discoverable by potential customers and partners.



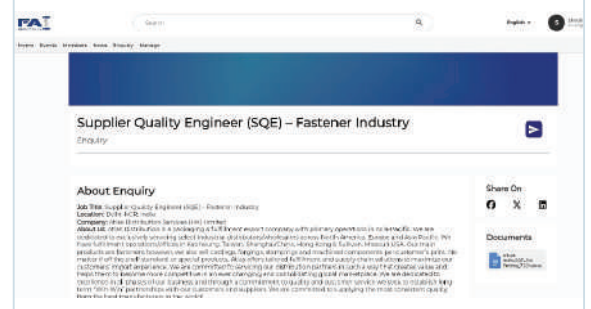
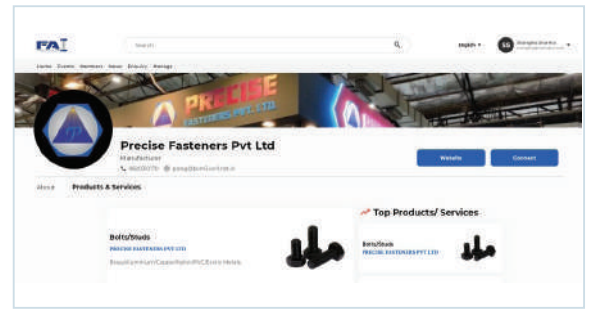
- o **Industry Relationship Management:** The platform provides tools to foster and manage relationships with industry peers, customers, and suppliers, enabling smoother communication and collaboration.



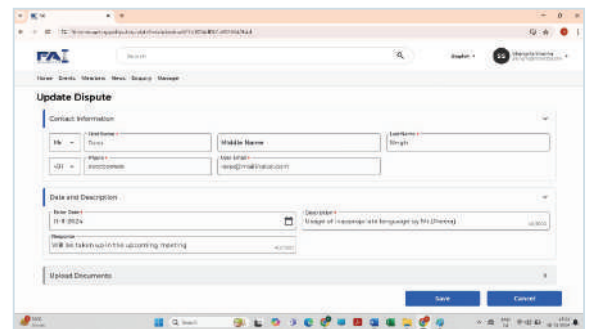
- o **Event Management and Networking:** Users can register for FAI-hosted events, conferences, and exhibitions to expand their professional network, gain exposure, and stay up-to-date with the latest trends.



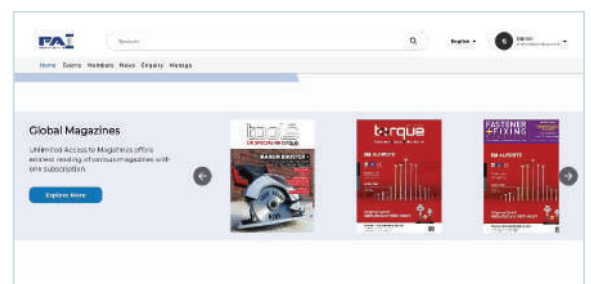
- o **Real-Time Supplier Data and Enquiry Management:** The platform allows users to float and manage product inquiries, while also accessing real-time stock data from suppliers, improving decision-making and procurement efficiency.

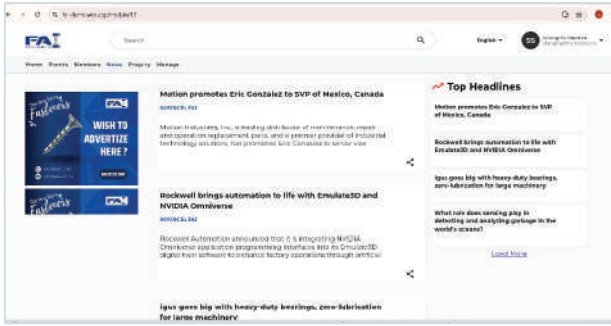


- o **Smart Data Management:** Fast access to organized, insightful data is critical for business decisions even more today. Adoption of digital technologies enable better management and derivation of such data.
- o **Dispute Resolution:** The platform offers built-in features to help resolve disputes effectively and fairly, ensuring transparency and safeguarding the interests of all stakeholders involved.



- o **Access to Industry Insights and Global Publications:** Users can stay informed with timely updates from the Fastener industry, as well as access to international trade magazines and publications that provide valuable market insights.





- **Privilege-Based Access and Security Features:** To protect sensitive information, the platform offers advanced security measures, including privilege-based access and comprehensive website management capabilities.

Strategic Benefits for Industry Players

By leveraging this platform, businesses in the Fastener industry can unlock a range of strategic advantages, including:

- **Enhanced Visibility and Brand Recognition:** Companies can elevate their profile within the industry and build a stronger presence in both domestic and international markets.
- **Improved Networking and Collaboration:** The platform opens up numerous opportunities for businesses to connect with industry leaders, potential customers, and partners for joint ventures, supply chain collaborations, and more.
- **Lead Generation and Customer Insights:** With built-in tools to analyze customer behavior and preferences, the platform helps manufacturers generate high-quality leads and fine-tune their marketing efforts for better conversion rates.
- **Operational Efficiency and Cost Reduction:** By streamlining operations, manufacturers can lower production costs, improve quality control, and optimize workflows, ultimately boosting profitability.
- **Data-Driven Decision Making:** The platform's analytics capabilities provide actionable insights that support informed decision-making, from procurement to production to sales strategies.

Empowering Growth and Global Competitiveness

Through digitalization, the Indian Fastener sector can become more competitive on the global stage, attracting foreign investment and expanding its reach into new markets. By adopting cutting-edge technologies and leveraging the tools provided by FAI's new platform, manufacturers can position themselves for long-term success.

Ultimately, digital transformation is not just about adopting new tools; it's about fostering a culture of continuous innovation and collaboration. The partnership between FAI and Sambuq.com reflects this vision, empowering businesses to make smarter decisions, build stronger relationships, and drive growth in an increasingly interconnected world.



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TRUST THE LEADER IN SURFACE FINISHING

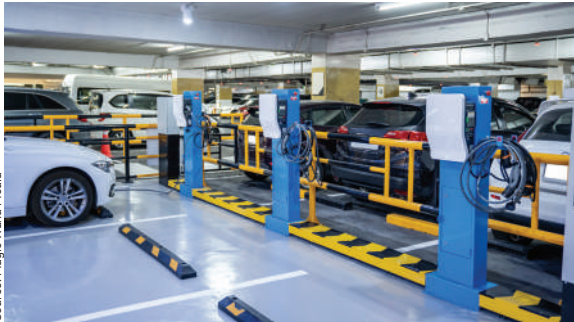
Sterling, GLVAC Partner for India's EV Growth

Sterling Tools Ltd, India's second-largest automotive fastener manufacturer, has partnered with China-based Kunshan GLVAC Yuantong New Energy Technology Co., Ltd. (GLVAC YT) to boost India's electric vehicle (EV) industry. Through its subsidiary, Sterling Tech-Mobility

Ltd, the company aims to establish local production of key High Voltage Direct Current (HVDC) contactors and relays that regulate current flow in electric and hybrid vehicles.

Sterling Tools plans to invest around INR 40 crore in a new manufacturing facility in Bengaluru. This plant will produce HVDC contactors and relays, helping the company capture INR 250 crore in revenue by FY30 through import substitution. The initiative supports the Indian government's 'Atmanirbhar Bharat' and 'Make in India' policies by reducing import dependency and strengthening India's EV supply chain.

Anish Agarwal, Director, Sterling Tools, highlighted EV safety as a key focus, noting that the Bengaluru facility will make critical components more affordable for India's OEMs and Tier 1 suppliers. Li Qinghua, General Manager, GLVAC YT, remarked that the partnership aligns with India's EV growth, combining GLVAC's technical expertise with Sterling's production capabilities to support sustainable progress in electric mobility. **FAT**



Source: Magic Wand Media



Sundram Fasteners Limited

Sundram Fasteners Posts Record Profit

Sundram Fasteners Ltd, an arm of the TVS Group, announced its highest-ever consolidated net profit for the quarter ended in September at INR 143.84 crore, up 8 percent from INR 133 crore in the same period the previous year. It marks a milestone achievement for the auto parts firm.

Consolidated earnings per share (EPS) grew to INR 6.78 from INR 6.28 in the corresponding quarter of last year. Consolidated revenue from operations during the quarter was up, reaching INR 1,486 crore in comparison to last year's figure of INR 1,422 crore.

In the first half of the current fiscal, Sundram Fasteners entered with consolidated revenues of INR 2,984 crore. That is INR 2,833 crore in comparison to the same period last fiscal year. The company has added half-year net profit of INR 287 crore in comparison to INR 262 crore previously.

The board of the firm has announced an interim dividend of INR 3 per share, which translates to 300 percent for the fiscal 2024-25. **FAT**

Gala Precision Surges on Market Debut

Gala Precision Engineering, a manufacturer of precision components, made a ringing debut and saw the stock listing at a significant premium, bringing delight to the investors. The Thane-based company listed on the Bombay Stock Exchange (BSE) at INR 750 after a strong rise of 41.78 percent over its issue price per equity share of INR 529. On the National Stock Exchange (NSE), the stock opened at INR 721.10, which marks it at a premium of about 36.31 percent.

Ahead of its listing, the shares of Gala traded at a premium of INR 245-250 in the gray market, which promises a debut. Investors saw nearly a 50 percent listing gain at one point, with high pre-listing demand underscoring initial public offering (IPO) popularity.

The IPO for Gala Precision started from September 2-4, wherein the shares were priced in the range of INR 503-529, with a lot size of 28 shares. Altogether, raising INR 167.93 crore, including INR 135.34 crore, through the issue of new shares and selling up to 6.16 lakh shares through an offer-for-sale (OFS).

The IPO saw phenomenal interest, as the issue was subscribed 201.41 times. Qualified institutional bidders (QIBs) subscribed 232.54 times; non-institutional investors bid 414.62 times; retail investors and employees showed good support, subscribing at 91.95 times and 259 times, respectively. **FAT**




Source: Magic Wand Media

Tembo Global's IPO Targets Expansion

Tembo Global Industries Ltd, a Mumbai-based company and market leader in India's industrial fasteners and pipe support systems, hogged the headlines with its much-awaited Initial Public Offering (IPO). The IPO for the purpose of raising funds for enhancement of existing production capacity and development of new technology attracted not only domestic investors in India but overseas ones who are in awe of the up-surging manufacturing sector in India.

Founded in 1995, Tembo Global has developed a name for itself for engineered high-quality steel products across sectors such as HVAC, plumbing, and industrial piping. This wide customer base shows that the company is capable of adapting to various industries, making it an attractive investment option.

Proceeds from the IPO will help boost the company's manufacturing capacity, beef up research and development, and enhance the product offerings. This plan reflects Tembo's commitment toward retaining competitiveness globally—an effort that has fueled investor interest and confidence.

Tembo's IPO also captures the rising excitement over India's manufacturing sector, which promises great growth potential. As it grows, the company will likely provide employment opportunities, foster innovation, and spur economic development—strengthening India's position as a global manufacturing leader. 



Source: Magic Wand Media


New BIS Rules for Fasteners

The Indian Government, in a push for higher quality in industrial fasteners, has introduced the Cross Recessed Screws (Quality Control) Order, 2024, under the Bureau of Indian Standards (BIS) Act, 2016. This order would require all screws and fasteners to comply with Indian Standards, which shall bear the Standard Mark, and are certified for conformity assessed under the BIS Conformity Assessment Regulations, 2018.

The order avers exemptions for items manufactured domestically for export, imported goods as parts of finished products or components, and certain micro and small units, which are granted time-bound compliance relief. Screws and fasteners without BIS certification cannot be allowed to import or sale within India.

Original Equipment Manufacturers (OEMs) will also be excluded from the order for importing up to 200 kg of the same products for research purposes. Such imports, however, shall not be sold commercially and tracked

in case of review by the authorities. BIS will be the certification and enforcement authority for this purpose. In case of non-compliance, it will attract penalties.

This newly introduced order covers a variety of fasteners, including panhead, countersunk, and hexagon washer head screws. Some of the Indian Standard with respective titles are Fasteners - Cross Recessed Drilling Screws with Tapping Screw Thread Part 1 Pan Head—18471 (Part 1) : 2023 / ISO 15481:1999; Fasteners - Hexagon Washer Head Drilling Screws with Tapping Screw Thread—18476 : 2023 / ISO 15480:2019; Cross Recessed Tapping Screws: Part 1 PanHead—18480 (Part 1) : 2023 / ISO 7049:2011; and more. 



Source: Magic Wand Media

Field Bolsters Reach with Cascade



Field Fastener, a leading provider of fastening solutions, from Rockford, IL, USA, announces the acquisition of Cascade Nut and Bolt, a fastener distributor located in Salem,

OR, USA. This strategic acquisition will enhance Field's ability to serve a broader range of industries and expand the company's geographical footprint to service current and prospective customers.

The company has grown on average 18 percent per year since 1990 and attributes that growth to its special culture and helping customers save money through its world-class VMI programs and engineering support. The culture is people-focused and places a high value on team members, customers, and suppliers.

Cascade specializes in supporting the structural market and industrial OEMs in the Pacific Northwest. Tom Boline, President, Cascade, stays on as Sales Leader to grow the structure of Field's footprint and the Northwest industrial market. **FAI**

Rotor Clip Unveils Patented Wave Spring

Source: Rotor Clip



Rotor Clip, Somerset, NJ, USA, launched its new, patented InterShim™ Wave Spring design. Engineered for high-acceleration electric motor applications, this design features alternating turns between inactive (flat) and active (waved) turns to ensure reliable performance under torsional loads and precise rotational movement. The introduction of the InterShim Wave Spring reflects.

Rotor Clip's commitment to advancing product technology and meeting market needs. InterShim Wave Spring benefits are:

- Engineered to meet the demands of applications requiring high torsional loads and precise rotational control.
- Increased efficiency by eliminating the need for multiple elements within the assembly line.
- Floating ends and bent ends can help prevent damage to the mating surface.
- Allows for higher preload or softer spring rates to meet specific customer requirements.
- Highly customizable in the number of waves, number of turns, arrangement of shims/troughs, and a variety of specialty alloys. **FAI**

TurnaSure Joins Wrought Washer Family



Source: Magic Wand Media

Wrought Washer Manufacturing, Milwaukee, WI, USA, a leader in the production of high-quality washers and fasteners, announced the acquisition of TurnaSure, a renowned manufacturer of direct tension indicator (DTI) washers. This strategic acquisition will bolster Wrought Washer Manufacturing's product portfolio and further enhance its commitment to providing innovative solutions to the construction and manufacturing industries. With this acquisition, Wrought Washer Manufacturing will integrate TurnaSure's advanced technology products into its existing product line.

"We are thrilled to welcome TurnaSure into the Wrought Washer family," said Jeff Liter, CEO, Wrought Washer Manufacturing. "The addition of TurnaSure's direct tension indicator washers will not only expand our offerings but align perfectly with our existing markets. While direct tension indicators are most known in the structural space, we see the opportunity to use the patented product to solve existing bolting issues in the manufacturing sector."

As part of the acquisition, Wrought Washer Manufacturing will retain the TurnaSure brand while leveraging its expertise to expand distribution channels and enhance customer support. The company is committed to maintaining the quality and standards that TurnaSure's customers have come to expect. "Joining forces with Wrought Washer Manufacturing opens up new opportunities for growth and innovation," said Jonathan Turner, President, TurnaSure. **FAI**

Fastener Hall of Fame Inductees



Source: IFE

Carmen Vertullo, Carver Labs



Jake Glaser, Sherex Fastening Solutions

International Fastener Expo (IFE) 2024 unveiled the latest inductee into the Fastener Hall of Fame and the 2024 recipient of the Young Fastener Professional of the Year award on September 10, 2024, in Las Vegas, NV, USA.

The 2024 Fastener Hall of Fame inductee, Carmen Vertullo, has made extensive contributions to the fastener industry as an engineer, consultant, teacher, and mentor. He has been a fastener consultant and trainer for over 30 years and is the founder of Carver Labs and the Carver FACT2 Center. His expertise covers the areas of Fastener Quality, Fastener Failure Investigation, Expert Witness Work, Hydrogen Embrittlement, Structural Bolting, Bolted Joint Analysis, and Fastener Design.

Vertullo is also a founding presenter of the Fastener Training Institute's (FTI) Certified Fastener Specialist Training Program (CFS) and the 2023 recipient of the NFDA's Fastener Professional of the Year Award.

The recipient of the Young Fastener Professional of the Year winner, Jake Glaser, currently works with Sherex Fastening Solutions. His first role at Sherex was as a Customer Service Representative, handling national and international accounts. In 2015, he was promoted to Strategic Account Representative, which led him to relocate from Buffalo, NY, USA, to Sacramento, CA, USA, to support the company's West Coast customers. By 2016, he took on the role of Technical Sales Representative, focusing on growth in the Pacific Northwest and specializing in the Heavy Truck Market. In 2017, he became the Regional Sales Manager for the Western Territories, where he manages territory growth and key national and international accounts. Glaser joined Young Fastener Professionals in 2017 and served as its President from 2019 to 2022. He is excited to continue supporting the industry as a current NFDA Board of Directors member since 2022. 

3M Sells 300M Friction Shims

3M™ Friction Shims are small, thin steel shims that can increase maximum load and peak torque in bolted connections without additional fasteners or redesigns. 3M announces that it has now made and sold more than 300 million Friction Shims worldwide. 3M Friction Shims increase friction coefficients in torsional and static joints, particularly in demanding automotive applications. Nickel-coated steel shims contain partially embedded diamond particles that resist breakage. When applied with pressure between two mating surfaces, the diamonds 'bite' into each surface to create a microform fit.

"This is a significant milestone for us because we know 3M Friction Shims help our customers improve their design," said Amy McLaughlin, President - Advanced Materials Division, 3M. "We are very proud that we've now made and sold more than 300 million worldwide. 3M Friction Shims are a simple solution for stronger and more stable bolted connections." 



Source: 3M

Source: American Fastener News Report

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Mike McNulty
VP & Editor
Fastener Technology International

EU Probes Chinese Screw Imports




Source: Magic Wand Media

The European Commission has given notice of the initiation of an anti-dumping proceeding concerning imports of screws without heads, originating in the People's Republic of China. Published on October 17, 2024, the product subject to this investigation is screws and bolts, with or without their nuts and washers, without heads, of iron or steel other than stainless steel, regardless of tensile strength—excluding coach screws and other woodscrews, screw hooks and screw rings, self-tapping screws, as well as screws and bolts for fixing railway track construction material.

The notice reports: "The European Commission has received a complaint pursuant to Article 5 of Regulation (EU) 2016/1036

of the European Parliament and of the Council of June 8, 2016, on protection against dumped imports from countries not members of the European Union, alleging that imports of screws without heads, originating in the People's Republic of China, are being dumped and are thereby causing injury to the Union industry."

"The product allegedly being dumped is the product under investigation, originating in the People's Republic of China, currently classified under CN codes 7318 15 42 and 7318 15 48. The CN code is given for information only and without prejudice to a subsequent change in the tariff classification."

"The investigation of dumping and injury will cover the period from July 1, 2023, to June 30, 2024 ('the investigation period'). The examination of trends relevant for the assessment of injury will cover the period from January 1, 2021, to the end of the investigation period ('the period considered')." 

LISI Group Gains Amid Mixed Signals




Source: Magic Wand Media

LISI Group achieved sales of €1.323 billion for the first nine months of 2024, up 8.6 percent compared to 2023, with LISI AEROSPACE up 20.7 percent in the same period and LISI AUTOMOTIVE and LISI MEDICAL finishing down 4.6 percent and 0.6 percent, respectively. LISI AEROSPACE sales totaled €742.2 million in the first nine months of 2024. The 'Fasteners' segment continued to benefit from the ramp up in single aisle aircraft production rates and from strong demand for maintenance services linked to the sustained traffic in the commercial aircraft fleet. Third quarter sales rose by 26.8 percent

in Europe and 22 percent in the United States, despite an unfavorable currency effect.

The resilience of the global commercial aeronautics market is reflected in high order levels, particularly at Airbus. Nevertheless, production rate increase ambitions have been postponed due to tensions throughout the aeronautical supply chain. The strike at Boeing since early September has halted assembly of the B737 MAX—around 38 aircraft per month. Although this stoppage has not yet had a significant impact on LISI AEROSPACE in the third quarter, it will weigh on general demand.

LISI AUTOMOTIVE division sales came to €447.2 million in the first nine months of 2024, down 4.6 percent on the same period in 2023. This takes into account the accelerated decline in sales in the third quarter, down 9.1 percent compared with the same period last year, particularly noticeable among OEMs. LISI MEDICAL division sales came to €134.3 million in the first nine months of 2024. They were virtually stable, down 0.6 percent compared with the same period in 2023.

Furthermore, LISI AEROSPACE has appointed Equity Energies to deliver bespoke energy management and decarbonization solutions to further advance its net zero progress in the UK. Through its consultancy offer and proprietary technology, Equity Energies will develop and deliver a tailored energy management strategy and net zero pathway, helping the business meet the growing demand for emissions reductions while accelerating its decarbonization through energy efficiency and waste reduction. 

Bulten Shares Q3 Results




Source: Bulten Group

Bulten Group has reported net sales amounted to SEK 1.33 billion (€1.3 billion) for the third quarter of 2024, a decrease of 3.3 percent on the same period the previous year. Adjusted operating earnings totaled SEK 91 million (€7.8 million), equating to an adjusted operating margin of 6.8 percent. Christina Hallin, Interim President and CEO, highlights, "The reported operating earnings for the third quarter are an improvement on the corresponding quarter of 2023 and on the previous quarter this year. This is a clear sign that our efforts over the past year to stabilize and streamline production, combined with a focus on reducing our costs, are paying off. The operating margin has improved during Q3, which is generally a weaker quarter as there are fewer days of production. The margin has been positively impacted by non-recurring items, including insurance compensation relating to

machinery in Poland. Our long-term ambition to have an operating margin of 8 percent remains, although this will be difficult to achieve for 2024 as a whole."

She continues, "There has been a slight decline in demand for fasteners from vehicle manufacturers in all markets during the quarter. The falling demand is largely due to a decrease in vehicle sales, but also to the fact that some of our larger customers are shifting platforms, thus affecting their Q3 2024 net sales production volumes in the short term."

"In addition, there are other disruptions in OEM supply chains, which impact our sales volumes. Although the market is not growing at the same rate as before, we now have an operation that is more stable and flexible, which is able to handle large fluctuations. The fall in demand gives us the opportunity to review our customer base and focus on customers and segments where we see better margins. It also enables us to review our customer contracts and phase out any unprofitable ones, something we have been doing during the quarter. We have also begun to reduce working hours in a couple of factories, and we are working on a number of minor structural issues, including a review of some of our joint ventures. We cannot rule out additional structural changes moving forward if they are necessary to further improve profitability levels," concludes Hallin. 

Berardi Expands with Fixi Deal



Berardi Group, a portfolio company of H.I.G. Capital has completed the acquisition of Italian-based Fixi Srl—a distributor of fastening systems offering a wide range of products such as rivets, threaded inserts, self-clinching fasteners, welding studs, and related professional equipment.

With depots in Veneto, Emilia Romagna, Marche, and Abruzzo, Fixi serves over 2,000 industrial customers in Italy and across Europe. The transaction represents a significant step in Berardi's growth strategy, aiming to enrich the range of

products and services offered to its customers through strategic acquisitions of distributors specialized in high-potential product categories. The acquisition will strengthen Berardi's position as a national leader in the fastening systems category, a segment with strong growth for its customers. It will also improve the geographic coverage and service in Italy and throughout Europe, to the benefit of its customers.

"The partnership with Fixi is a step of enormous importance in the growth path that we have outlined for our Group, which will enable us to have a greater geographical presence and to provide our customers with a product portfolio and a range of services suited to their every need," underlines Giovanni Berardi, Chairman, Berardi, and Mauro Pasini, CEO, Berardi Group.

Maurizio and Alessandro Mora, majority shareholders and CEOs of Fixi, added, "We are excited about our new partnership with Berardi, the undisputed leader in the distribution of industrial components in Italy. Our history and shared culture of excellence, innovation and maximum attention to our customers and employees enables us to fully leverage our specialist skills in fastening systems and seize new growth opportunities that will enable us to accelerate the development of the business." 

Nord-Lock Establishes Malaysia Office



Source: Magic Wand Media

Nord-Lock south-east Asia and Taiwan, part of the Nord-Lock Group, the world's leading provider of advanced bolting and engineering solutions, has announced the inauguration of its regional office in Q Sentral, located at the heart of the capital's transportation hub, Kuala Lumpur Sentral. Nord-Lock Group's move to relocate its regional office from Singapore to Kuala Lumpur underscores the market leader's commitment to expand its presence, and it will serve as a hub for its operations in the Asia-Pacific region to better serve its customers and partners.

Norbert Hentschel, Head - Asia-Pacific, Nord-Lock Group, explains, "Nord-Lock Group's investment in this new regional office underscores our long-term vision for growth in Malaysia. Over the years, Malaysia has emerged as a key market for us, offering a skilled workforce, strategic location, as well as a conducive business environment. This relocation strengthens our presence in the region and marks the start of an exciting chapter in Nord-Lock Group's journey to establish closer relationships with our distributors, strengthen our global presence, and deliver excellence to our customers regionally."

Robert Lejon, Deputy Head of Mission of the Embassy of Sweden to Malaysia, who was at the inauguration event, agreed with Norbert Hentschel. "Through safe bolted connections, Nord-Lock Group provides a critical component that holds modern society together, and through its decision to expand and invest, it is also bringing Sweden and Malaysia closer together," says Lejon. "This will open more doors for growth in business and cooperation between our nations, providing more job opportunities in both our countries, respectively. We are excited about the opportunities this move will bring and look forward to mutual success."

The Malaysian office will be helmed by Kang Tzee Chang, General Manager, Nord-Lock south-east Asia and Taiwan. Chang comments, "Our new office in Kuala Lumpur represents a significant milestone for Nord-Lock as we continue to expand our footprint in south-east Asia. We are committed to investing in Malaysia, fostering local talent, and contributing to the country's economic development. This move is a testament to our belief in the immense potential of the Malaysian market."

Nord-Lock takes a long-term view of its presence in Malaysia with plans to continue investing in its operations as well as establishing a regional distribution center by the end of the year. Chang continues, "Our Malaysian office is staffed by a dynamic and professional workforce with in-depth expertise; our plan is to further expand this established and experienced team." 



Will Lowry
Editor
Fastener + Fixing Magazine

Source: Fastener + Fixing Magazine

**FASTENER
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MAGAZINE**

Böllhoff's 60 Years in Jundiaí



Source: Böllhoff Group



Böllhoff Brasil has been headquartered in Jundiaí, since 1964. The name of Jundiaí, a town in São Paulo State, comes from the Tupi-Guarani language, spoken by ancient indigenous peoples of South America, and is often referred to as the 'catfish river'. While Böllhoff Group is still a few years away from celebrating the impressive milestone of 150 years since its founding in 1877, the company marked a significant turning point as 'a rehearsal' for its big celebration in 2027. On October 4, 2024, it celebrated the 60th anniversary of its subsidiary in Brazil. The Brazilian unit manufactures a wide range of mechanical fastening elements and is a leading provider of fasteners,

with strong ties to customers in the automotive sector.

The celebration was dedicated to local employees and executives and was attended by distinguished guests from the founding period. It also saw the participation of Global Directors, Thomas Pixa (CFO) and Wilhelm Böllhoff. The latter, who speaks Portuguese fluently, is a well-liked figure within the company, as confirmed by Flavio Silva, local CEO, and corroborated by the team. **FAI**

Primat Curtis Acquires Prosdac



Source: Primat Curtis

Prosdac, a Brazilian company specializing in anti-corrosive coating services, took a significant step forward in 2022 with its acquisition by Primat Curtis, a leading Italian surface treatment group.

Founded 30 years ago and located in Jundiaí, São Paulo State, Prosdac has since received substantial investment from Primat Curtis. The company recently purchased an adjacent

warehouse, expanding its total facility space to 10,000 m². Investments have also included the installation of a new painting line with an overhead conveyor, two new finishing lines featuring a state-of-the-art oven, and training initiatives. English has been introduced into daily operations, especially since the arrival of the new Director of Operations for Brazil, Danny Thompson, 46, from the US.



"I've spent nearly 23 years working in Tier 1 automotive companies, gaining experience across various divisions, from interior and exterior components to stamping, injection molding, blow molding, paint systems, and full assembly, including headliners, consoles, door panels, glove boxes, and digital instrument panels. I'm what you can call a turn-around man excellence," said Thompson. **FAI**

Fontana's Decade of Growth in Brazil



Source: Fontana Gruppo



Fontana Gruppo, a leading global player in the fastener manufacturing industry with over 70 years of experience, has consolidated its presence in Brazil back in 2014. It further solidified its presence by acquiring eleven Acument industrial units located in the USA, Mexico, and Brazil. Since then, all operations, including the two facilities of Acument Brasil, have been fully integrated under the Italian Group's control. Founded in 1943 in São Paulo, originally under the name Mapri, the company has built a reputation for adhering to the highest quality standards in the supply of fastening systems, particularly for the Brazilian automotive sector, covering cars, trucks, buses, agricultural and road machinery, and motorcycles. Under Fontana's leadership, the company has further cemented its position by expanding its industrial park. Recent investments include state-of-the-art multi-stage presses, thread rolling machines, and upgrades in laboratories, inspection systems, and

heat treatments, enhancing various aspects of 'Made in Brazil' production.

On September 11, 2024, Fontana Gruppo marked its 10-year anniversary in Brazil at its industrial facility in Atibaia, a town 50 km from São Paulo City, opened in 2011. With local winter temperatures unusually exceeding 30°C, the event gathered several guests, including Atibaia officials, representatives from Sindipeças (the national auto parts industry union), and customers from automotive sectors where Fontana-Acument has a 15 percent market share in Brazil. The company has a production capacity of 2,500 tons of fasteners per month and over 300 direct employees. Fabrizio Fontana and Salvatore De Giorgi (Board Member and COO of Fontana Gruppo, respectively) traveled from Italy to take part in the celebration. They opened the ceremony with brief speeches, followed by remarks from Fernanda Bueno (Interim Development Secretary of Atibaia). Presentations by Nei Teodoro (Latam General Director) and Hailton Alcantara (Commercial Director) concluded the formal part of the event, which was coordinated by Rachel Curado (Executive Assistant & Marketing). The event wrapped up on a high note with a tour of the factory, a cocktail party, and a special gift for all the guests—a commemorative book celebrating the Group's 70th anniversary. [FAI](#)



Source: Revista do Parafuso
(The Fastener Brazil Magazine)

REVISTA DO PARAFUSO



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TSLG Defines Excellence in Fastener Pre-Coating



Source: TSLG

TSLG is the world's leading manufacturer of pre-coating technology for fasteners. With the mission of 'committed to fastener pre-coating application and innovation & achieving product safety and peace of mind for life' and the spirit of 'concentration and dedication', TSLG provides a complete range of highly effective pre-coating services such as anti-loosening, anti-leakage, anti-weld spatters, anti-locking, conductive, and potential corrosion prevention, and has become a 'Value Solution Provider' of functional pre-coating application technology.

"TSLG has been established for 40 years this year. Over the past 40 years, our Group has not only accelerated the improvement in pre-coating technology and engineering application integrated capabilities, but also combined the world's well-known brands of fastener pre-coating, including U.S. NYLOK®, German PRECOTE®, and LOCTITE®, etc. Our products have also been certified by NAS (U.S. Aerospace Industry Standards), U.S. Military Specifications, IFI (Interna-

tional Fasteners Institute), DIN (German standards), and North American GM/FORD and other vehicle manufacturers product certification and passed the relevant international environmental protection and quality project certification, which are adopted by the world's leading brands such as Tesla, Apple, Dell, HP, Acer, ASUS, Giant, and Amazon, etc. By pre-coating the threads of fasteners with precise coating technology, we not only improve the efficiency of customers' assembly but also achieve the functions of anti-loosening, anti-leakage, and other applications, greatly enhancing the quality, reliability, safety, and value of customers' products," said Jack Chung, CEO, TSLG.

Robert Hsiao, President, Nylok Taiwan Self-Locking Fasteners Industry Co., Ltd, pointed out that "after 40 years of hard work, the team members have braved the difficulties and challenges, and have made TSLG the world's largest and most complete fastener pre-coating products group, which has successively set up a total of 9 production bases and service operations in Taiwan and China. Based on the global layout and development

strategy, TSLG set up a factory in Vietnam in 2023 and will activate the new factory project in Thailand in 2024. Thus far, we've selected a site for the factory and are working on the construction of the factory, equipment, and systems, which are scheduled to begin mass production by the end of 2025 to provide more complete and timely services for the industry's global layout and regional development." **FAI**



Joker Industrial's Green Fastener Solutions

Joker Industrial is one of the world's leading developers and designers of concrete screws, anchor plugs, and rivet nuts, providing total solutions covering order taking to design and manufacturing, as well as laboratory test figures.

Highlights of Joker Industrial

- **Concrete screw:** ETA and seismic C1/C2 certified. Certified 120-minute fire resistance test. Exceptional carbon reduction performance against industry counterparts, powered by a golden ratio by design which calculates 'total carbon emission volume versus performance' per individual screw, lowering the total carbon emission of clients' fasteners while complying with certification and construction safety standards.
- **Hollow Wall Anchor:** Combined with metric screws and designed specifically for base materials such as gypsum board or plywood. Users can pre-position and install it using Joker Industrial's installation tools. It can perfectly align with base materials during installation and will not be damaged when installed beyond limit.
- **Jack Nut:** Used for automotive parts, certified to IATF16949, applicable to thin, soft, or brittle materials, and suitable for installing automotive iron plates and decorative panels without damaging the base material. Available in carbon steel and stainless steel.
- **A4 316 Stainless Steel Bi-Metal Anchor:** More rust-proof. Patent triple-thread design giving high pull-out strength. Special slots on the anchor's front end to save efforts for users.

Joker Industrial's Hacks to Achieve Carbon Reduction

- Installing solar panels to the factory to save electricity and reduce reliance on conventional energy sources.
- Rolling out lightweight concrete screws. Carbon emission volume is proportional



Source: Joker Industrial

to weight, so they reduce product weight to lower carbon emissions. In addition, starting this year, their outgoing anchor products will no longer contain fiber washers in support for net-zero carbon emissions.

- Promoting DESIGNiX software, which supports 15 languages and can be used with concrete screws. Clients only have to download the installation file from Joker Industrial to set the required tensile force, shear force, and other parameters and calculate the number of concrete screws required for construction projects based on the EOTA TR045 seismic module designed for earthquake loads. The design parameters are in accordance with international standards, making it easier for clients to design projects in advance that save time, effort, and construction steps and achieve the ultimate goal of low carbon emissions.

Joker Industrial has more than 40 years of experience in production, OEM/ODM, quality, flexible delivery, and communication. With digital transformation in place, the service they provide will definitely reach higher levels. **FAT**

Sheh Fung Screws Sees Strong Q2 Gains

Sheh Fung Screws announced on August 2, 2024, that its consolidated revenue in Q2 2024 reached NTD 605 million and its after-tax net income reached NTD 58 million, an increase of 17 percent and 4.26 percent, respectively, over the same period last year. The company stated that it benefited from increased orders from European and American customers, coupled with properly controlled operating costs and expenses.



The EPS in Q2 was NTD 1.01, which was still stable compared with the same period last year. In Q2 2024, the company's do-it-yourself home repair and construction market revenue proportions were 25.94 percent and 74.06 percent, respectively. The group is actively investing in the R&D of diversified screw products. In addition, the new factory in Vietnam delivered products for small batch orders in Q2, and it will help boost Sheh Fung Screws's overall business performance. **FAT**


Taiwan CSC, TIFI Discuss Fastener Industry



order value from January to July this year increased by 2.7 percent compared with the same period last year. The IMF, Taiwan Institute of Economic Research, and other institutions predict that Taiwan's GDP growth rate in 2024 will exceed 3 percent (and up to as high as 3.9 percent).

In the first seven months of 2024, Taiwan CSC imported 277,000 tons of wire rods from around the world, an increase of 34 percent from 206,000 tons over the same period last year. Among them, 33 percent of wire rod imports were from Indonesia, 21 percent from South Korea, 12 percent from India, 11 percent from China, 8 percent from Japan, and 7 percent from Vietnam. The materials of imported wire rods were mainly low-carbon steel (accounting for 50 percent) and alloy steel (42 percent).

According to statistics from Taiwan Industrial Fasteners Institute, the export weight of fastener products in the first seven months of 2024 was 740,100 tons, a year-on-year decrease of 2.77 percent. The average export unit price was US\$ 3.5, an annual decrease of 8.05 percent. Although Taiwan's fastener export weight to Germany dropped by 13.31 percent, the export weight to the US, Japan, and Canada increased by 1.83 percent, 0.40 percent, and 22.17 percent, respectively. As of the second quarter of 2024, Taiwan's fastener export weight to the world achieved a quarterly increase of 1.6 percent.

Yung-Yu said after the briefing that the Taiwan fastener industry has survived the storms of the past three years, and its most important key competitiveness is still intact. That key is a unique and complete supply chain, which is an advantage unseen in other countries. Therefore, even when the world is facing political and economic turmoil as well as cost and price challenges, he is looking forward to the future development of Taiwan's fastener industry and is confident that the industry can usher in the next glorious decade through continuous optimization of production lines and corporate systems. 

At Taiwan fastener business owners on September 3, 2024, the main representatives of Taiwan CSC, together with Yung-Yu Tsai, the new chairman of Taiwan Industrial Fasteners Institute (TIFI), as well as Tu-Chin Tsai, the former chairman, provided the briefing. They deliberated the status of the global economy and Taiwan fastener industry in front of more than a hundred business owners and professionals working in the fastener, wire rod, surface treatment, and machinery industries.

According to the briefing, the National Development Council of Taiwan announced that Taiwan's leading indicators and concurrent indicators continued to rise, indicating that the domestic economy maintains a growth trend. As of July, Taiwan's purchasing managers' index has exceeded the boom-bust line for three consecutive months and remains in an expansion state. Export orders have achieved positive growth for five consecutive months. The cumulative export

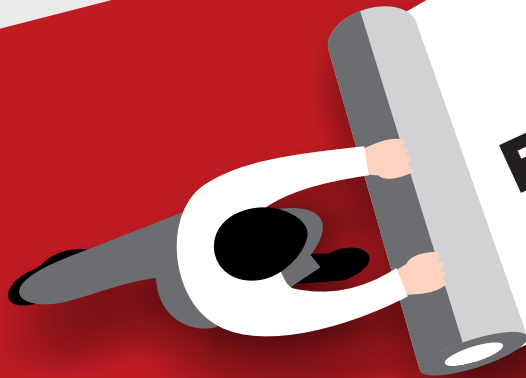


Source: Fasteners World Inc.

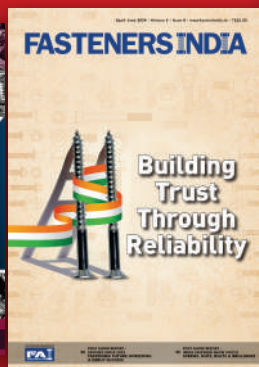
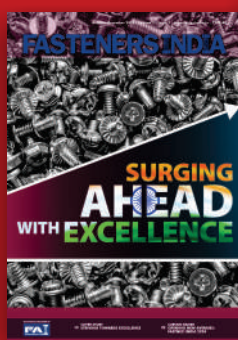
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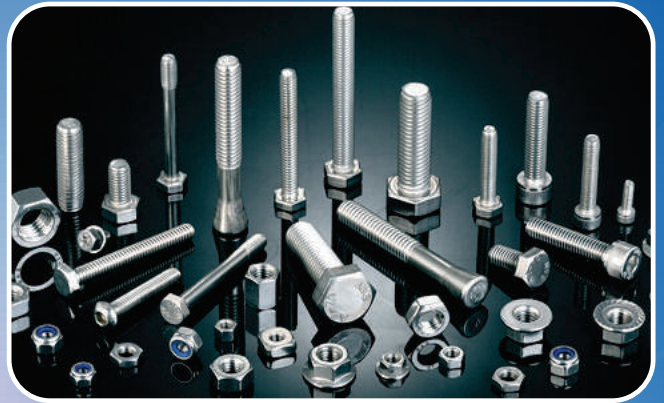


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