Connecting India Fasteners

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INSIGHTS ISSU

special issue on



11-13 July 2025

Chennai Trade Centre, Chennai

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EDITOR'S NOTE

India Fastener Show 2025 - Chennai

Exclusive press updates from the nation's premier fastener event.

FEATURE ARTICLE

ROOF FASTENERS: The Ascendancy of Plastic Fasteners in Modern Construction

BLOG SPOTLIGHT

HIGH TENSION FASTENERS

Exploring applications and market demand.

MARKET NEWS

STEEL FASTENERS:

Characteristics & **Current Market Trends**

INNOVATION LAUNCH

Tata BlueScope:

Where Innovation Meets Steel Discover cutting-edge developments from the industry leader.

INDUSTRY FOCUS

The Steel of India: Jindal

A closer look at a name shaping India's fastener future.

PRESS RELEASE

BLECH INDIA & FASTENER FAIR 2025

COMING UP NEXT 2025-26:-











As the Indian Fastener Show returns to Chennai from 11th to 13th July 2025, we at Mumbai Fastener Digital Magazine are proud to present this special issue, dedicated to the event that stands as a powerful symbol of innovation, collaboration, and growth within the Indian and global fastener industry.

Chennai—India's gateway to the South—has always played a crucial role in the nation's industrial journey. This year's show is set to bring together **manufacturers, distributors, suppliers, buyers, and technology leaders** under one roof, transforming the city into a vibrant hub of opportunity and insight.

The 2025 edition promises not only an exhibition of cutting-edge fasteners, tools, and machinery but also a deeper dive into **new-age solutions** such as **automation, robotics, sustainable materials, and precision engineering**—highlighting how the industry is rapidly evolving with digital transformation at its core.

EDITORS NOTE

As we walk through the stalls, listen to keynote sessions, and network with passionate professionals, one thing becomes clear: the **Indian fastener** industry is no longer just supporting infrastructure—it is becoming the backbone of innovation. This special issue captures that spirit. From exclusive interviews to product highlights, business insights, and a detailed exhibitor guide, this edition is your perfect companion to navigate the event.

To our readers, partners, and contributors—thank you for your continued support. As always, our aim remains to **connect, inform, and elevate** the fastener community. Whether you're a seasoned player or a first-time exhibitor, this is the moment to forge stronger bonds—both literally and metaphorically.

See you in Chennai!
Warm regards,
Sachin Rajapurkar
Mumbai Fastener Digital Magazine
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About Us

MUMBAI FASTENERS GROUP

Mumbai Fasteners Group is a dynamic and dedicated community committed to uniting and empowering the Indian fastener industry, Based in Mumbai, our group serves as a vibrant platform where manufacturers, traders, suppliers, and professionand from the fastener sector come together to share knowledge, explore opportunities, and grow collectively.



Our Mission:

To connect the entire fastener ecosystem of India and provide valuable support in branding, networking, and business development through both digital and physical platforms.



What We Offer:

- Mumbai Fastener Digital Magazine India's only dedicated digital magazine for the fastener Industry
- Special Exhibition Issues Coverage and promotion at India's leading fastener expos
- Advertising Opportunities Affordable and targeted brand promotion for members
- Networking Community An active group of industry professionals across India



Our Vision:

To be the voice of the Indian fastener industry and play a pivotal role in its modernization and global recognition.

Biggest Industrial Exhibition for Manufacturing, Engineering, Fastener & Eamp; Automotive

Chennai, India—The highly anticipated India Fastener Show is all set to return from 11–13 July 2025 at Chennai

Trade Centre, positioning itself as southern India's leading industrial trade show for fasteners, fixings, fastening

and allied solutions suitable for OEMs and manufacturing sectors. Get ready to bulksource 10,000+ industrial and

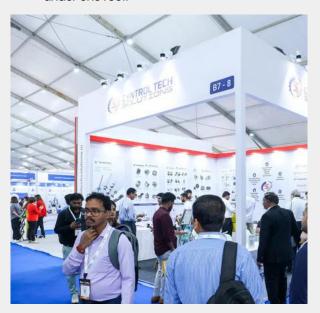
specialty fasteners for automotive, engineering, construction, and various sectors.

India Fastener Show will feature 180 exhibitors, CEO Roundtable, Auto Leadership Conference and Open House

Sessions. Co-located with Auto Components Show and Auto Aftermarket Show—this year's edition covers 3X the

exhibition space compared to previous years, offering a front-row seat to the future of fastening, component

manufacturing and automotive innovation and industries to connect, collaborate and grow—all under one roof.





Auto Leadership Conference: Driving Strategic Dialogue

A key highlight of the event will be the Auto Leadership Conference, bringing together senior executives, OEMs,

Tier 1 and Tier 2 suppliers, and thought leaders from across the automotive, ancillary, and aftermarket sectors.

The conference will address key industry themes including localization, digital transformation, sustainable

manufacturing, and innovations in mobility and electrification. It aims to foster high-level dialogue, share insights,

and chart a roadmap for a resilient and future-ready automotive ecosystem.

Anuj Mathur, Managing Director of Future Market Events, commented: " With Chennai's strong industrial

foundation and seamless connectivity, India Fastener Show 2025 is poised to be a hub for innovation,

collaboration, and business growth. As the demand for efficient, high-quality fastening solutions grows across

sectors, this event will act as a vital catalyst for industry advancement. The co-located shows and the Auto

Leadership Conference will further expand the scope for partnerships, knowledge-sharing, and supply chain development."

South India's Leading Industrial Trade Show for Manufacturing

Exhibitor Line-Up and Product Showcase

Attendees will connect with top manufacturers such as Aswin Cold Forge, Cobra Fasteners, Delhi Cutlery Mart,

Effco Finishes, Fittech Steel, Furnatemp Metatek, Hitech Fasteners, Kant Fasteners, Landmark Crafts, Mita

Fasteners, Pelican Engitech, Ridvan Fasteners, S.J.V. Tools, T.T. Millwala & Sons, U Queen Micro Forming

Machines, Viraj Profiles, and more. The product range includes bolts, screws, nuts, washers, rivets, auto

components, spare parts, aftermarket accessories, fastener manufacturing machinery, and tools catering to OEMs and industrial buyers.

Live Demos and Future-Ready Solutions

The show floor will come alive with dynamic demonstrations showcasing the latest in fastening tools, machinery

and technologies for automotive, aerospace, defense, industrial and construction sectors.



Register Now – Shape the Future of the Fastener and Automotive Industries

Join us from 11–13 July 2025 at Chennai Trade Centre and be part of South India's premier industrial event.

Discover breakthrough products, network with industry leaders and gain valuable insights that will shape the

future of fasteners, tools, and automotive technologies.

Visit www.indiafastenershow.com to register today.







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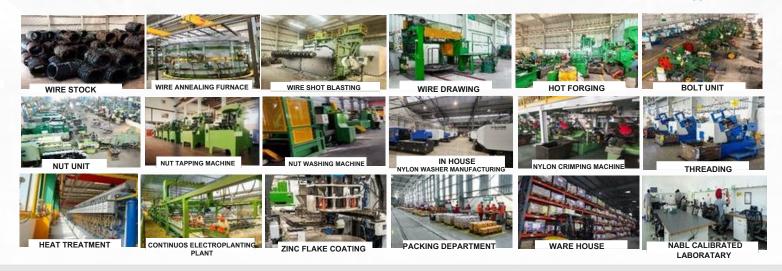
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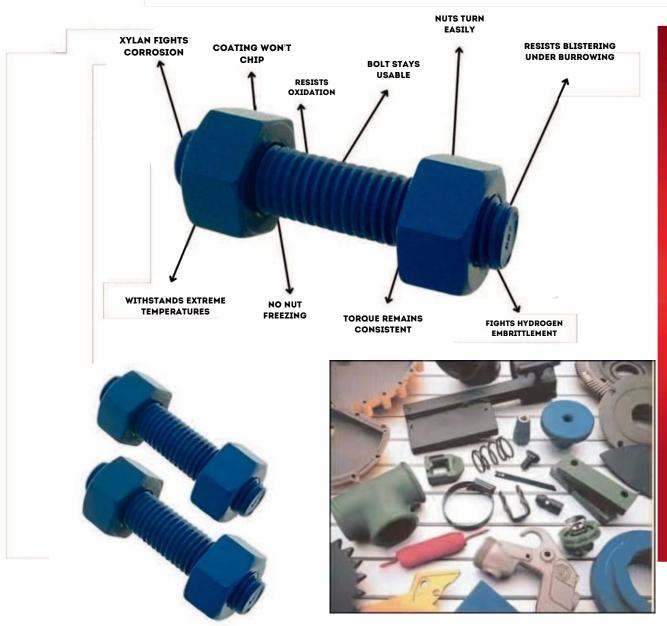




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FASTENERS ARTICLE JULY-SEP 2025

ROOF FASTENERS

Roof Fasteners: Essential Components for Strong and Secure Roofing:

In the world of construction, when it comes to building a structure that stands the test of time, every small detail counts. Among these crucial details, *roof fasteners* are often overlooked, yet they play a vital role in ensuring the safety, durability, and stability of roofing systems. Whether it's a commercial building, residential home, or industrial facility, the importance of strong, reliable fasteners cannot be overstated.

As we witness innovations in building materials and construction techniques, fasteners—particularly **roof fasteners**—are evolving to meet the demands of modern architecture and environmental considerations.

What Are Roof Fasteners?

Roof fasteners are specialized fastening devices used to attach roofing materials (such as metal sheets, tiles, or shingles) securely to the underlying structure of a building. These fasteners ensure that the roof stays in place under various environmental conditions—wind, rain, snow, and even seismic activity.

Roof fasteners typically include screws, bolts, rivets, and clips, made from materials designed to resist corrosion, wear, and tear. Their primary role is to provide a secure connection that withstands external pressures, preventing leaks, and protecting the building's interior.



THE IMPORTANCE OF ROOF FASTENERS IN CONSTRUCTION

- 1. Stability and Safety: Roofs are subjected to various forces—wind, rain, snow, and even extreme temperatures. The role of roof fasteners is to ensure that the roofing materials are securely attached, preventing them from loosening or flying off. In areas prone to extreme weather, strong fasteners are essential for preventing structural damage and ensuring the safety of the building's occupants.
- 2. Preventing Leaks: One of the primary concerns with roofing systems is water infiltration. A properly secured roof will prevent water from penetrating the structure. Roof fasteners help create a tight seal that minimizes the risk of leaks, protecting the building's interior and preventing costly repairs.
- 3. Long-Term Durability: Roofs are designed to last for decades, but this is only possible when the roofing materials are properly fastened and maintained. Fasteners made of **corrosion-resistant materials* like *stainless steel* or *galvanized steel* can ensure that the roof remains intact over time, even in harsh environmental conditions.

FASTENERS ARTICLE JULY-SEP 2025

TYPES OF ROOF FASTENERS

There are several types of roof fasteners, each designed for specific applications. Understanding the different types can help builders and contractors choose the best fastener for their project. Below are some of the most commonly used roof fasteners:

- 1. *Self-Drilling Screws: These fasteners are designed to drill their own hole in the roofing material as they are installed. Self-drilling screws are ideal for metal roofs and can be installed quickly and securely without the need for pre-drilled holes. Their **sharp points* and *thread designs* help them penetrate the roofing material efficiently, creating a secure connection.
- 2. *Rivets: Rivets are permanent fasteners that are used to secure metal roofing systems. They are especially useful in situations where access to both sides of the roofing material is limited. Rivets are known for their **strength* and *reliability*, and they ensure that the roof stays securely attached under various stress conditions.
- 3. *Roofing Nails*: Roofing nails are often used with shingles and other light roofing materials. They have large, flat heads that help hold roofing materials in place. While not as secure as screws or rivets, they are still widely used in certain applications.
- 4. *Clips and Clamps*: These fasteners are commonly used in standing seam metal roofing systems. They are designed to hold the metal panels in place while allowing for expansion and contraction due to temperature changes. Clips and clamps are an essential part of ensuring the long-term performance of metal roofing systems.

Materials Used in Roof Fasteners*

The materials used for roof fasteners are crucial to their effectiveness. The right material can enhance the durability of the roof and provide protection against

environmental wear and tear. Some of the most commonly used materials include:

- * *Galvanized Steel*: Coated with zinc, galvanized steel fasteners are resistant to rust and corrosion, making them ideal for roofing systems exposed to the elements. They are commonly used in both residential and commercial applications.
- * *Stainless Steel*: Stainless steel fasteners offer excellent corrosion resistance, particularly in coastal or humid environments where saltwater exposure is common. Stainless steel is also known for its strength and longevity, making it a premium choice for long-lasting roofs.
- * *Aluminum*: Lightweight and resistant to corrosion, aluminum fasteners are often used in lightweight roofing systems, such as residential homes and commercial buildings. Aluminum is cost-effective and durable, though not as strong as steel.
- * *Copper*: Copper fasteners are highly resistant to corrosion and offer a unique aesthetic appeal. They are often used in highend construction projects and historical buildings where both function and appearance are important.

Why Roof Fasteners Are Essential for Modern Construction*

In today's fast-paced construction industry, roofing systems must meet higher standards than ever before. With advancements in building materials and an increasing focus on energy efficiency, the role of *roof fasteners* has evolved. Modern roofs are not just about protecting buildings from the elements—they must also be designed to enhance energy efficiency, manage stormwater, and reduce environmental impact.

Fasteners are the backbone of roofing systems, ensuring that materials stay intact



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FASTENERS ARTICLE JULY-SEP 2025

FUTURE TRENDS IN ROOF FASTENERS

Future Trends in Roof Fasteners*

Looking ahead, the future of roof fasteners lies in innovation. As construction materials evolve, roof fasteners will need to adapt to new types of roofing systems and materials. We can expect to see:

- * *Smart Fasteners*: These fasteners will include sensors that can monitor the structural integrity of the roof, alerting building owners to potential issues before they become costly problems.
- * *Sustainable Materials: The construction industry is shifting towards more sustainable practices, and roof fasteners made from **recycled* or *bio-based materials* will become more common.
- * *Faster Installation*: As technology improves, the installation of roof fasteners will become even more efficient, reducing labor costs and time spent on each project.

Conclusion*

Roof fasteners are often the unsung heroes of the construction industry, holding roofs firmly in place and ensuring the safety and longevity of buildings. Whether residential, commercial, or industrial buildings, *roof fasteners* are an essential part of any well-built structure. With the right materials, innovation, and techniques, roof fasteners continue to play a vital role in modern construction.

As we move toward more sustainable and technologically advanced building practices, the role of *roof fasteners* will only continue to grow in importance. By focusing on quality and performance, we ensure that the roofs of tomorrow will remain strong, secure, and reliable for years to come.



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The Rise of Plastic Fasteners in Modern Industry

F asteners have been integral to the world of engineering, construction, automotive

manufacturing, and many other industries. They have always been considered essential tools in maintaining the integrity and functionality of various applications. fasteners Traditionally, predominantly made from metals, like steel, iron, and aluminum, which offered strength and durability. However, as industries evolve and innovation takes its course, plastic fasteners are emerging as a key player in many applications.

Types of Plastic Fasteners

Plastic fasteners come in various forms, including screws, nuts, bolts, clips, washers, and rivets. Some of the most common types of plastics used in fastener manufacturing include:

Nylon: Known for its high strength, durability, and resistance to wear, nylon is one of the most popular materials for plastic fasteners. It's also highly resistant to impact and chemicals, making it ideal for use in challenging environments.

Polypropylene (PP): This thermoplastic is known for its excellent chemical resistance and low moisture absorption, making it ideal for industries like food processing or pharmaceutical applications where hygiene and resistance to harsh environments are crucial.



Polycarbonate: Known for its transparency and high impact resistance, polycarbonate fasteners are widely used in applications that properties, making them require clear visibility or those exposed to high-impact stress.

Acetal (POM): Acetal fasteners are known for their low friction properties and high dimensional stability. They're widely used in industries where precision is key, such as electrical and automotive manufacturing.

Advantages of Plastic Fasteners

1. Corrosion Resistance: Plastic is naturally resistant to many chemicals, moisture, and environmental factors. This makes plastic fasteners ideal for use in environments where metal fasteners would typically rust or corrode.

- 2. Electrical Insulation: Plastics like nylon and polycarbonate offer electrical insulation crucial in electrical and electronic industries where short circuits and electrical interference are a concern.
- 3. Cost Efficiency: Compared to their metal counterparts, plastic fasteners are often less expensive to manufacture, especially when molded in large quantities. This helps keep production costs low and offers a more affordable solution for companies.
- 4. Flexibility and Versatility: Plastic fasteners can be molded into a wide variety of shapes and sizes. This flexibility makes them suitable for custom designs in a range of industries.



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The Future of Plastic Fasteners

A s demand for more efficient, lightweight, and cost-effective materials continues to grow,

plastic fasteners are poised to see even greater adoption across industries. Advancements in material science are opening up new possibilities, making plastic fasteners even more durable, versatile, and eco-friendly.

In the future, we might see bio-based plastics or recycled plastic fasteners taking center stage, aligning with the global push toward sustainability. These environmentally conscious alternatives not only reduce the dependency on fossil fuels but also promote a circular economy by encouraging reuse and recycling.

Applications Across Industries
Automotive Industry: The use of
plastic fasteners in vehicles is
growing, especially with the push
towards more fuel-efficient cars.
Plastic fasteners are used in interior
and exterior parts of vehicles, from
dashboards to door panels.

Electronics: In consumer electronics, plastic fasteners are used in mobile phones, computers, and televisions. They help reduce weight while providing insulation and preventing electrical issues.



Aerospace and Aviation: Reducing weight is crucial in the aerospace industry, and plastic fasteners have been integral in improving the performance and efficiency of aircraft. They're used in interior panels, wiring, and various other components.

Construction and Home
Appliances: Plastic fasteners are becoming common in construction, particularly in plumbing and HVAC systems, where corrosion resistance is important. They are also used in appliances like refrigerators, air conditioners, and washing machines.

Conclusion
While metal fasteners are
unlikely to disappear entirely,
plastic fasteners are carving out
a niche for themselves in various
industries due to their versatility,
cost-effectiveness.

and environmental benefits. Their increasing adoption is a testament to how innovation in materials and manufacturing processes is reshaping the fastener industry.

With the rise of new materials, such as biodegradable plastics and eco-friendly composites, plastic fasteners are not only changing how industries approach fastener technology but also leading the way toward a greener and more sustainable future.



HIGH TENSION FASTENERS

Blog

Understanding High Tension Fasteners: The Backbone of Structural Integrity

In modern engineering and construction, where reliability and performance are non-negotiable, high tension fasteners play a vital role.

These specially designed bolts and nuts are engineered to withstand immense tensile stress, making them indispensable in industries like construction, automotive, heavy machinery, railways, and energy infrastructure.



How Do They Work?

WHAT ARE HIGH TENSION FASTENERS?

High tension fasteners are bolts, nuts, and washers made from high-grade alloy steel, designed to bear *very high loads and tension* without deformation or failure. These fasteners are typically used in *structural assemblies* where the safety and strength of the entire system depend on the holding power of the joint.

They are usually:

- * Heat-treated for added strength
- * Surface-coated(e.g., zinc plated or hot-dip galvanized) for corrosion resistance
- * Manufactured with tight dimensional tolerances*

High tension bolts are tightened to a specific *preload* using torque-controlled or tension-controlled methods. This preload clamps the joint securely, so that external loads are distributed across the assembly rather than being absorbed solely by the fastener. This helps prevent:

16

* Bolt loosening under vibration

Issue 1 - July-Sep 2025

- * Fatigue failure
- * Structural instability



HIGH TENSION FASTENERS

Blog

KEY APPLICATIONS OF HIGH TENSION FASTENERS

1. *Bridges & Flyovers*

Used in steel girder joints and cablestayed structures, high tension bolts ensure stability under dynamic loads and vibrations.



2. *Steel Structures & Buildings*

From skyscrapers to industrial sheds, these fasteners hold critical beam and column assemblies together, especially in earthquake-prone zones.

3. *Railway Tracks & Metro Projects*

Used in rail fastening systems and signaling equipment that must endure continuous vibration and weather exposure.





4. *Wind & Solar Energy*

High tension fasteners anchor massive wind turbines and solar panel structures, ensuring they withstand strong winds and environmental conditions



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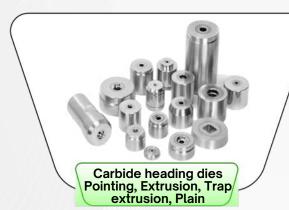


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HIGH TENSION FASTENERS

Blog

MATERIALS & STANDARDS

Common materials:

- * *Grade 8.8, 10.9, 12.9 alloy steel*
- * *Carbon steel with heat treatment*
- * *Stainless steel (in special applications)*

Standards often followed:

- * *IS 3757 / IS 4000* (India)
- * *DIN 6914, ISO 898-1, EN 14399* (Europe)
- * *ASTM A325, A490* (USA)

Certifications may include:

- * *ISO 898-1 (mechanical properties)*
- * *EN 14399 (preload bolt assemblies)*
- * *CE Marking for European use*

Benefits of Using High Tension Fasteners

- Exceptional load-bearing capacity
- High resistance to loosening from vibration
- Long-term structural stability
- ✓ Reliable performance under extreme weather and stress
- Reusable in many applications (if properly handled)

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HIGH TENSION FASTENERS

Blog

INDIAN MANUFACTURERS & SUPPLIERS

India has a strong ecosystem for manufacturing high tension fasteners, especially in industrial hubs like

- Micron precision screws MPS.
- NBZ Fasteners
- KALOTI
- AVIGHAN A.B.STEELS
- Unbrako (ITW Group)
- TVS Sundram Fasteners
- Caparo India
- Deepak Fasteners
- PSM Fasteners
- Kova Fasteners

These companies export globally and comply with ISO, ASTM, and EN standards.

The Future: Smart & Sustainable Fastening

With growing demand for *smart infrastructure*, high tension fasteners are evolving. Future trends include:

IoT-enabled bolts (for real-time stress monitoring)

Corrosion-resistant composite materials Green coatings to reduce environmental impact

Customized solutions for EVs, offshore rigs, and nuclear plants

THE FUTURE: SMART & SUSTAINABLE FASTENING

With growing demand for smart infrastructure, high tension fasteners are evolving. Future trends include: IoT-enabled bolts (for real-time stress monitoring)

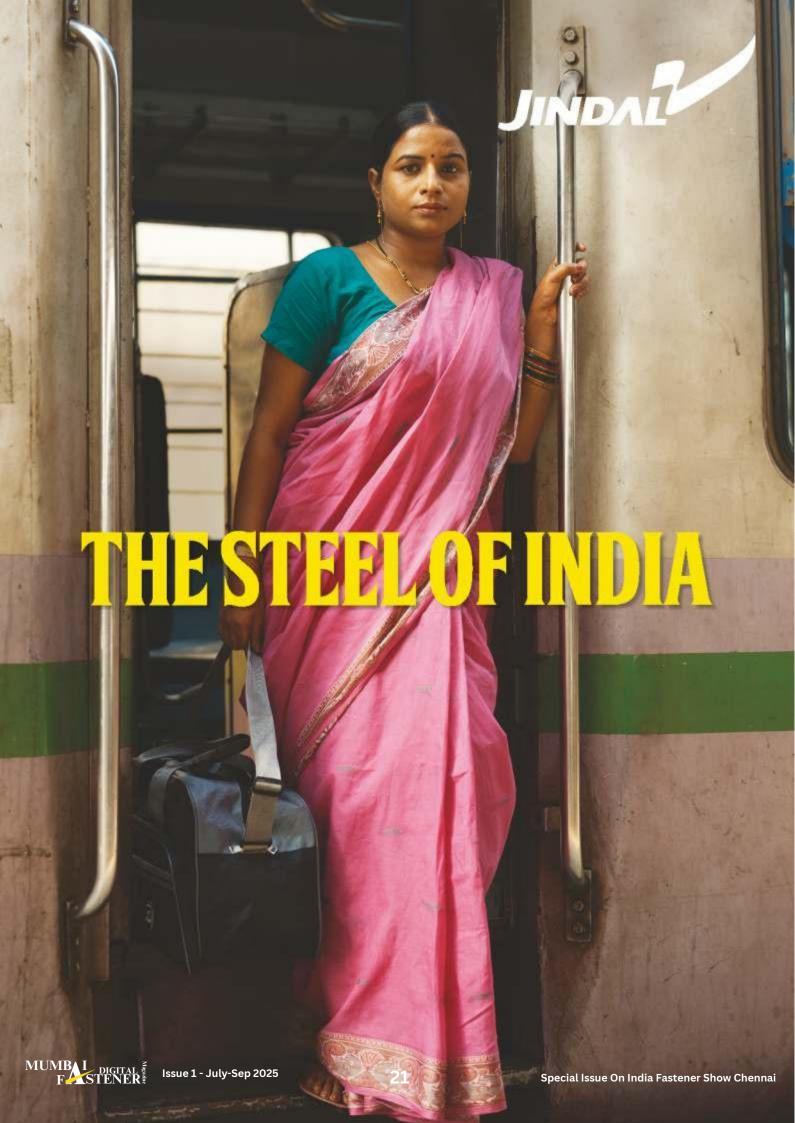
Corrosion-resistant composite materials

Green coatings to reduce
environmental impact
Customized solutions* for EVs, offshore
rigs, and nuclear plant

Final Word

High tension fasteners might be small in size, but their role in *holding the world together*—quite literally—is massive. Whether it's a metro bridge in Mumbai or a wind farm in Gujarat, their strength and precision are key to India's industrial and infrastructural growth.

If you're an OEM, contractor, or engineer working in heavy-load or highrisk projects, investing in *certified, high-performance high tension fasteners* isn't just good practice—it's essential.



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BLECH INDIA & FASTENER FAIR INDIA 2025, A GRAND SUCCESS FOR SHEET METALWORKING & FASTENER MANUFACTURERS IN INDIA









BLECH INDIA & FASTENER FAIR INDIA 2025

-The international exhibition attracted over twenty-thousand trade visitors from across the globe including US, China, Italy, Taiwan, Israel, Germany, South Korea -More than 371 international and domestic exhibitors participated over the three day event at Mumbai.

Mumbai, May 12, 2025 - BLECH India, the international exhibition for sheet metal working, and Fastener Fair India, the international exhibition for fastener and fixing technology, successfully concluded the 3-day event at the Bombay Exhibition Centre, Mumbai. The BLECH India and Fastener Fair India were inaugurated by esteemed industry leaders, including Mr.Neeraj Seth (Durma India), Mr.Rakesh Agarwal (Laser Technologies), Mr.Sardar Dagli (Bogaziqi), Mr.Rohit Shah (Bhavya Machine), Mscut, Mr.Sudhir Jain (Sudhir Automotive), Mr.Manish Aggarwal (Pooja Forge), Mr.Jawahar Thakkar (MK Thakkar), Mr. Varun Aggarwal (Aggarwal Fasteners), Abhijeet Sangvi (FAI), and Kadami. The events successfully showcased the latest manufacturing machines, testing technologies and finished products in metalworking and fasteners and their applications across industries.

Organized by RX India, this combined exhibition marked the 12th edition of Fastener Fair India and the 8th edition of BLECH India, returning after a gap of five years. The event spanned an expansive 18,000+ sqm exhibition space and featured exhibitors from various countries, including the US, China, Italy, Taiwan, Israel, Germany, India, and South Korea.

The three-day event provided a dynamic platform for industry professionals to source cutting-edge technologies, forge new business connections, explore distribution opportunities, and close on-spot business deals. Industry leading companies from key sectors like Railways, automotive, electronics, shipbuilding, aerospace, construction fixing, renewables and industrial manufacturing, showcased their latest innovations, machinery, and solutions that enable buyers to reduce their manufacturing costs and enhance quality of their products at par with global standards.

BLECH INDIA & FASTENER FAIR INDIA 2025, A GRAND SUCCESS FOR SHEET METALWORKING & FASTENER MANUFACTURERS IN INDIA

BLECH India and Fastener Fair India demonstrated the comprehensive progress within industrial sectors by covering both sheet metal working and fastening technologies under one roof. Participants were able to explore innovations across the entire value chain, gaining valuable insights into the latest trends and advancements.

Reflecting on the success of the event, Mr. Umang Gupta, Country Head of RX India, said, "We are delighted with the overwhelming response to BLECH India and Fastener Fair India 2025. The events not only highlighted the latest technologies coming out of Indian manufacturing, but have been immensely successful in enabling our exhibitors and visitors to have solid business deals and meaningful connections. BLECH India and Fastener Fair India have once again proven to be the most comprehensive sourcing events for the sector The enthusiastic participation reaffirms our commitment to providing a world-class platform for the Indian metals & fasteners industries."

We thank all our sponsors, partners for BLECH India, namely Durma India, Laser Technologies and Kundan Industries for Fastener Fair India.

About RX Global:

RX is a global leader in events and exhibitions, leveraging industry expertise, data, and technology to build businesses for individuals, communities, and organizations. With a presence in 25 countries across 42 industry sectors, RX hosts approximately 350 events annually. RX empowers businesses to thrive by leveraging data-driven insights and digital solutions. RX is part of RELX, a global provider of information-based analytics and decision tools for professional and business customers. For more information, visit www.rxglobal.com







About RX India:

RX India is a leading organizer of B2B trade exhibitions and events in India, serving as a catalyst for business growth, networking, and expansion opportunities. With a portfolio comprising events covering warehousing and logistics, printing, packaging, metal cutting & forming, automation, robotics, retail, and real estate, RX India provides unparalleled opportunities for businesses to connect, stay abreast of market trends, and access the latest products and technologies. Headquartered in Gurgaon, the company offers comprehensive event coverage and tailored support with qualified teams across India. Since its inception in 2008, RX India has been committed to creating efficient B2B platforms, supporting local economies, and fostering diverse and sustainable businesses. Leveraging digital transformation strategies and a wealth of talent and intelligence, RX India extends its reach to a broader audience, covering a diverse range of industries and markets. With an impressive global outreach spanning 22 countries, RX India attracts both domestic and international participants, facilitating collaborations and market expansion. As a major player in the B2B event business, RX India continually expands its event portfolios, penetrates new industrial sectors, and emphasizes technology to provide customers with more interactive experiences. Through innovation and customer-centric approaches, RX India aims to set the standard in the Indian exhibition industry and beyond, driving industry growth and business success.





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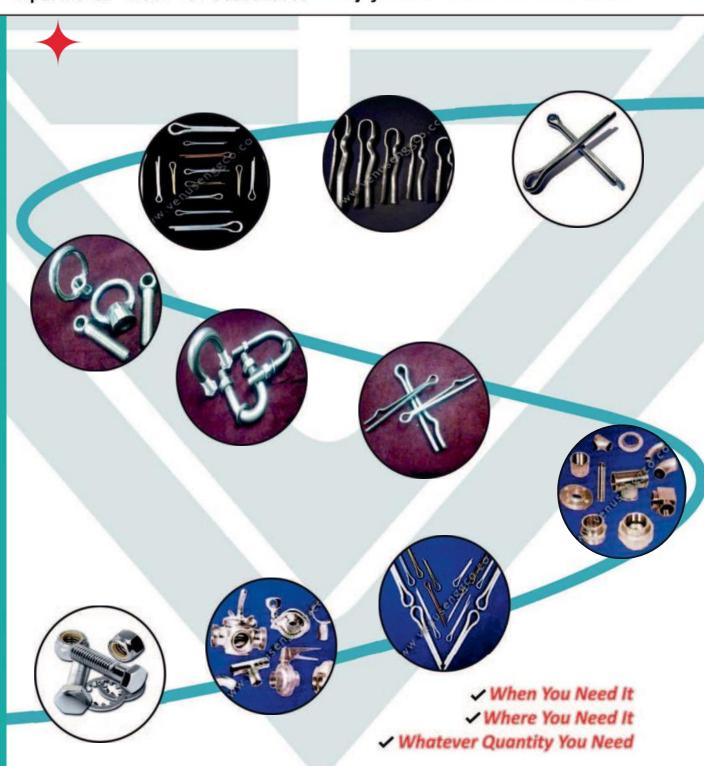




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Feature



Where Innovation Meets Steel

In thehighlycompetitive and quality-driven worldof steelmaking, the final product is more than just output-it is a reflection of your company's commitment to excellence. At Concast (India), we understand that delivering top-tier steel products demands machinery that operates at the intersection of technological innovation, mechanical durability, and metallurgical precision. That's why we offer highperformance Continuous Casting Machines (CCMs) that are engineered to empower our customers with consistency, efficiency, and superior quality in every cast.

Our CCMs are designed to produce a diverse range of products including TMT bars, wire rods, flats, bars, strips, and plates. Each unit isbuilt with a focusonlongterm operational stability, high dimensional accuracy, and enhanced surface quality. Leveraging the latest advancements in continuous casting technology, Concast machines ensure a uniform



and precise shape, smooth finish, and minimized deviations—enabling steelmakers to achieve not only superior product quality but also higher production yieldsand reduced operational waste.

What truly sets Concast apart in this domain is our customer-centric approach. We believe that no two plants are the same, and therefore, each machine we deliver is custom-engineered to align with the specific layout, capacity, and process requirements of the client's production line. This ensures optimal integration and performance from day one, leading to fewer breakdowns, enhanced reliability, and better alignment with quality targets. Whether the goal is to modernize existing lines or install a new production system, Concast (India) works closely with its clients from design to commissioning and beyond. Our commitment goes beyond machines—it extends

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Feature



At Concast (India), our promise is simple: "Trust Concast, and we will make it worthwhile." We continue to support our customers in their journey toward operational excellence, and we do so with a deep sense of purpose, responsibility, and engineering brilliance.

to the core values we uphold. At Concast, innovation, engineering precision, and customer success are more than ideals-they are the foundation of every project we undertake. Our engineering and metallurgical teams continuously push the boundaries of design to improve casting techniques, reduce energy consumption, and improve the overall efficiency of steel production. Each CCM reflects decades of expertise and an unwavering drive to help our customers achieve world-class results.

Over the years, Concast (India) has earned the trust of leading steel producers across India and the globe. These producers rely on us not just for equipment, but for performance-enhancing solutions that help them meet evolving market demands and stay competitive. With each

successful
installation, we
reinforce our
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Tata BlueScope Launches ArchiNature



Tata BlueScope Steel, a leader in coated steel solutions, has introduced the debut edition of its corporate magazine, ArchiNature. This quarterly publication, launched during the company's recent Sustainability Townhall, is dedicated to fostering meaningful conversations around architecture that balances human ingenuity with nature. The event also featured renowned architect Mr. Rahul Sathe, Executive Director at CCBA Designs. More than just a magazine, ArchiNature is an extension of Tata BlueScope Steel's purpose-led mission of #ShelterForAll, championing design that is inclusive, community-driven, and rooted in sustainability. It's designed as a platform for knowledge exchange, collaborative innovation, and thoughtful dialogue drawing together a

community of architects, designers, engineers, students, and educators.

The inaugural issue brings to life inspiring stories of architecture with impact:

- Pune Metro: A seamless blend of heritage aesthetics and modern infrastructure.
- Rajiv Gandhi Indoor Stadium, Guwahati: A powerful example of architectural revival and energy efficiency.
- Shirodkar Preci Components, Nashik: A bold reimagining of industrial design through form and façade.

It also spotlights Tata
BlueScope Steel's CSR
efforts, celebrates young
talent via the IDEA Architect
Design Awards 2024, and
shares insightful interviews
with industry thought leaders
like Sriprakash Shastry and
Ajay Rattan, who discuss

future-forward topics like sustainable materials and human-centric design.

Mr. Anoop Kumar Trivedi,
Managing Director, described
ArchiNature as more than a
publication — it's a mindset
shift. "Trust is our
foundation, and this
magazine reflects our longterm commitment to
responsible design, creativity,
and building for future
generations."

Guest of Honor Mr. Rahul Sathe emphasized the magazine's relevance, calling it "a much-needed platform for unified, sustainable, and conscious design thinking." With curated essays, expert insights, and powerful visuals, ArchiNature is poised to become a key knowledge hub for the industry. Editor and CMO, Ms. Priya Rajesh, summed it up beautifully: "This magazine captures the belief that innovation isn't just about new materials, but about sparking new conversations."

Through ArchiNature, Tata BlueScope Steel is not just launching a magazine — it's igniting a movement. A movement that redefines construction with creativity, conscience, and collaboration at its core — one project, one idea, one conversation at a time.

News Update

Jindal Stainless Urges Import Duties to Protect MSMEs



Atthe Global Stainless Steel Summit in Mumbai, Ratan Jindal, Chairman of Jindal Stainless, appealed to the Indian government to impose import duties

to protect domestic industries, especially micro, small, and medium enterprises (MSMEs), from a surge of cheap stainless steel imports from countries like China and Vietnam.

Jindal noted that many exporting nations offload their surplus stainless steel into India via countries that have Free Trade Agreements (FTAs), such as Vietnam, which harms Indian MSMEs by undercutting their prices. Despite India having an installed stainless steel capacity of 7.5 million tonnes, only 60% is currently utilized, signaling untapped growth potential if fair trade conditions are established.

To address dumping concerns, the Indian Stainless Steel Development Association (ISSDA) is preparing to submit a request to the Directorate General of Trade Remedies (DGTR) for an investigation into unfair imports. In FY25, India imported 1.73 million tonnes of stainless steel, mainly from China, Indonesia, Vietnam, and South Korea. Jindal also called for a dedicated policy framework for the stainless steel sector to support the 'Make in India' initiative and strengthen domestic manufacturing, ensuring India can compete globally and protect local enterprises from unfair competition.

India's Rapid Growth Under NDA: Srinivasa Varma



Union Minister of State for Heavy Industries and Steel, Bhupathiraju Srinivasa Varma, highlighted India's remarkable progress during the

11 years of NDA rule under Prime Minister Narendra Modi. Speaking at a BJP-organised workshop in Vijayawada on Wednesday, he credited this leadership with elevating India to the world's fourth-largest economy, up from the 11th position in 2014.

Mr. Varma expressed confidence that India is on track to become a developed nation by 2047 and will soon claim the position of the third-largest economy. He also noted that India remained resilient during the COVID-19 pandemic, unlike many developed nations. Over the past decade, key welfare and infrastructure programs—such

as housing, clean drinking water, and transportation—have played a crucial role in the country's economic rise. Focusing on Andhra Pradesh, he said ₹2,500 crore was allocated in 2014-15 for building the new capital Amaravati, along with funds for enhancing rail connectivity. He emphasized that A.P.'s development has been closely supported by the Centre, citing the ₹12,000 crore sanctioned for the Polavaram irrigation project and financial assistance for the revival of the Visakhapatnam Steel Plant. He added that proposals from the State are being cleared promptly by the Central government. Other prominent BJP leaders present at the event included Shiv Prakash, Somu Veerraju, Kamineni Srinivas, C. Adinarayana Reddy, V. Parthasarathi, N. Eshwar Rao, and State general secretaries Garapati Seetharamanjaneya Chowdary and Sannapureddy Dayakar Reddy.

India May Raise Steel Import Safeguard Duty to 24%

The Indian government is considering increasing the safeguard duty on steel imports from the current 12% to 24%, following complaints about Chinese exporters attempting to bypass the existing measures, according to The Times of India.

A government source revealed that Chinese manufacturers are reportedly trying to circumvent the safeguard duty to avoid its impact. In response, Indian authorities are exploring different options to address this issue.

With Chinese steel facing restrictions in markets like the US, concerns about trade diversion to India have grown. India is perceived as a potential destination for dumped or subsidized steel products. Meanwhile, smaller domestic players are worried about higher costs caused by increased prices from local producers due to these safeguard duties. The government aims to strike a balance between protecting local manufacturers and safeguarding consumer interests.

Currently, India has imposed a temporary 12% safeguard duty on select steel imports, effective from April 21, 2025, for 200 days, unless amended or revoked earlier. These measures are designed to support Indian steel producers. Additionally, India has prioritized the use of locally produced steel in government projects. New regulations mandate that all steel used in government-funded works must be "smelted and cast" domestically, ensuring the steel is manufactured from raw materials within India.





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News Update

India Eyes Trade Resolution Amid Tariff Setback



The U.S. government has imposed a steep 50% tariff on steel and aluminum imports from India, sparking concern among Indian exporters and industry experts. While officials like Steel Minister H.D. Kumaraswamy argue that

the impact will be limited due to India's relatively small share in U.S. steel imports, many industry analysts believe otherwise. They warn that the U.S. has become a key market for Indian steel and aluminum, and these new duties could severely hurt India's competitiveness, especially in sectors like automotive components, construction, and industrial goods. Exporters estimate potential annual losses of up to \$2 billion if demand from the U.S. drops significantly.

This move further complicates the already sensitive trade talks between India and the U.S., which were ongoing. Indian trade bodies have criticized the unilateral imposition of tariffs, particularly as countries like the UK have received exemptions. Industry associations, including the Aluminum Association of India and the Federation of Indian Export Organizations, have highlighted that Indian producers will now struggle to maintain their pricing edge in the U.S. market. The Global Trade Research Initiative (GTRI) suggests that instead of retaliating, India should use its free trade negotiations with the U.S. to push for a mutually beneficial resolution—perhaps trading lower tariffs for greater market access in other sectors.

US Tariff Hike May Spark Steel Challenges for India



On June 4, the United States doubled its import tariffs on steel and aluminium from 25% to 50%, a move intended to strengthen its domestic manufacturing and metal sectors. While the UK has been exempted due to a standing trade agreement, other nations including India

will feel the ripple effects—though experts say the direct impact on India will be limited due to its smaller export share to the US.

Indian companies with production units in the US may be somewhat shielded, but industry watchers are more concerned about indirect consequences. The biggest risk is that steel exporters like China, now restricted from accessing the US market, may divert their excess steel to other countries such as India. This could lead to a supply

glut, driving down prices and hurting domestic manufacturers. India has already imposed a 12% safeguard duty in April 2025 to prevent such a scenario, which helped cut April imports by over 11% and pushed steel prices up by ₹2,000 per tonne.

While this benefits local producers, rising prices could strain consumers. Some experts have called for raising the safeguard duty to 24%, but warn that continued reliance on import protection could hinder India's ambition to become a global steel manufacturing hub. Union Minister HD Kumaraswamy admitted a "minor impact" due to existing shipments arriving post-June 4 that may now face the steep tariff. Economists urge a balanced strategy that strengthens domestic capacity while remaining globally competitive.

US Tariff Hike Triggers Concerns for Indian Steel Industry



The United States has raised import tariffs on steel and aluminium from 25% to 50% as of June 4, aiming to boost its local industry. While the UK is exempt due to a trade agreement, other countries like India could face indirect challenges. Though India's direct steel exports to the US are relatively small, experts warn of broader consequences.

Indian companies operating within the US might avoid the full impact, but the bigger concern is global trade shifts. With China likely to redirect its surplus steel to markets like India, domestic producers could be hit by a flood of cheaper imports. To prevent this, India had already imposed a 12% safeguard duty in April 2025, which helped reduce steel imports by over 11% and led to a ₹2,000 per tonne rise in domestic steel prices. While these measures help Indian manufacturers, higher prices could burden local consumers. Some experts suggest raising the duty further to 24%, but caution that excessive protectionism may hurt India's long-term goal of becoming a global steel leader. Union Minister HD Kumaraswamy acknowledged a limited impact on India, especially for shipments arriving after June 4 that now fall under the new tariff. Experts recommend a balanced trade policy that supports both industry growth and competitiveness.

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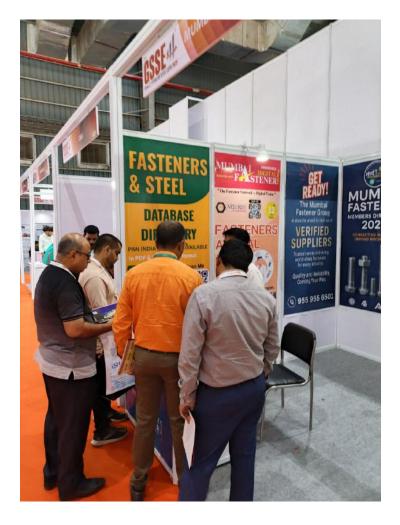




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