



S.P. ENTERPRISE

Your One-Stop Fastening Solution

COMPANY PROFILE

ABOUT US

S.P. Enterprise is your comprehensive solution for supplying essential components across diverse industries. Our offerings extend to sectors such as automotive, construction, electronics and telecommunication, electrical, and renewable energy, among many others. We pride ourselves on our extensive experience.

Our commitment to quality and reliability is reflected by the strong legacy we have built over the decades, alongside our expansive and satisfied customer base across India. Each product we offer is a testament to our dedication to meeting the unique needs of our clients, ensuring that they receive the best possible components to enhance their operations and projects. With S.P. Enterprise, you can trust that you are working with a partner that values excellence and customer satisfaction at every step.



At S.P. Enterprise, we see our role as more than just supplying components; we are committed to supporting the growth and success of every client we serve.

In today's rapidly changing industries, we recognize that our clients need more than just products, they need reliable partners. That's why we continuously strive to enhance our offerings, ensuring that every component we deliver meets the highest standards. Our diverse range of products serves a variety of industries, including automotive, construction, and renewable energy, allowing us to contribute to the success of critical projects nationwide.

I take great pride in the significant impact we have made and the strong relationships we have built over the years. I am committed to supporting your projects with the same excellence and dedication that is the hallmark of S.P. Enterprise.

Best regards,

Partha Roy
Proprietor
S.P. Enterprise

OUR CORE PRINCIPLES



COMPREHENSIVE PRODUCT RANGE

Our diverse and extensive product portfolio allows us to meet the unique needs of various industries. We offer specialized fasteners and versatile components, providing reliable solutions for all your fastening requirements.



COMMITMENT TO QUALITY

We leverage the power of technology coupled with deep industry expertise and rigorous testing at every stage of the process to deliver high-performance, long-lasting products with exceptional finishes.



TIMELY DELIVERY SOLUTIONS

Efficient processes, an equipped stock management system, and a well-managed vendor network permit us to operate at high capacities to deliver your customized products ahead of the stipulated time.



RELIABLE CUSTOMER SUPPORT

Our dedicated team is committed to exceptional service, open communication, and customer satisfaction. These values deepen our partnerships and enhance our reliability.

OUR PRODUCTS

BOLTS



Hex Bolt



Flange Bolt



Allen Bolt



Carriage Bolt



Square Head Bolt



HSFG Bolt



Track Shoe Bolt



Plow Bolt



J Bolt



T-Head Bolt



U Bolt



Nib Bolt



Eye Bolt



Coupling Bolt



Elevator Bolt

SOCKET HEAD BOLTS



Socket Head Cap Screw



CSK Allen Bolt



Button Head Allen Bolt



Grub Screw



Socket Key Set "MM" & "Inch"



"T" Type Socket Key



Low Head Allen Bolt

NUTS



Hex Nut



Nylock Nut



Flange Nut



Dome Nut



Rivet Nut



D Nut



T Nut



Cage Nut



Weld Nut



Square Nut



Wing Nut



Barrel Nut



U Nut



Profile T Nut



Clinch Nut



Coupling Nut



Spring Channel Nut



Castle/Slotted Nut



Wheel Nut

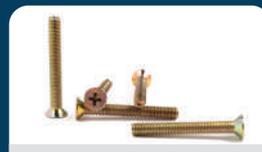
SCREWS



Self Tapping Screw



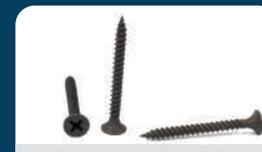
Self Drilling Screw



Machine Screw



Chip Board Screw



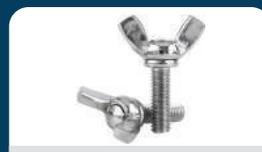
Gypsum Screw



Coach Screw



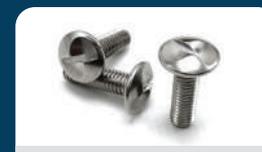
Sem Screw



Wing Screw



Socket Head Self Tapping Screw



Security Screw

WASHERS & CIRCLIPS



Plain Washer



Spring Washer



Machined Washer



Star Washer



Conical Washer



Taper Washer



Beveled Washer



Sealing Washer



Shoulder Washer



Tab Washer



Square Hole Washer



Square Washer



Internal Circlip



External Circlip



E Circlip

ANCHOR FASTENERS



Rawl Bolt Fastener



Rawl Hook Fastener



Wedge Anchor Fastener



Pin Type Fastener



Bullet Fastener



Sleeve Fastener



Nylon Frame Fixing Fastener



Fischer Chemical Fastener



Chemical Fastener



Cavity Wall Anchor Fastener



Foundation Bolt

RIVETS & PINS



Pop Rivet



Solid Rivet



Tubular/Semi-Tubular Rivet



Rivet Gun



Split Pin



Clevis Pin



Dowel Pin

SELF CLINCHING FASTENERS



Standoff



Clinch Stud



Clinch Nut



Rivet Nut



Weld Stud

STUDS



Full Threaded Stud



Double Ended Stud



Oversized Stud



Thread Rod

TOOLS



Spanner & Wrench



Welding Machine



Pressure Jack



Power Tools



Hand Tools



Hand Riveting Machine



Pneumatic Riveting Machine



Electric Stapler

TECHNICAL SPECIFICATIONS

MATERIAL GRADE

CARBON STEEL:

Carbon steel provides strength, affordability, and versatility, making it ideal for construction, automotive, and general-purpose fasteners that require moderate durability.

Grades offered: 4.6 & 5.6

ALLOY STEEL:

Alloy steel enhances toughness, strength, and wear resistance, making it ideal for heavy-duty machinery, construction, and industrial applications.

Grades offered: 8.8, 10.9 & 12.9

STAINLESS STEEL:

Stainless steel is resistant to corrosion and highly durable, making it ideal for outdoor, marine, and high-moisture environments, such as the medical and food processing industries.

Grades offered: A2-70 (304), A4-70 (316), A4-80 (316), SS - 310

COATING

Coating is an essential process that enhances durability, corrosion resistance and performance. Below are the types we offer:

1. Electroplating: In this process, a metallic coating is deposited onto fasteners, enhancing corrosion resistance, durability, and aesthetic appeal.

- Zinc Plating - this method provides corrosion resistance and a smooth finish, ideal for fasteners used in automotive and construction industries.
- Cadmium Plating - this enhances durability and appearance, commonly used in decorative and industrial applications.
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CADMIUM PLATING



ZINC PLATING

2. **Hot-Dip Galvanizing:** In this process, a thick zinc coating is applied for superior corrosion protection, making it suitable for outdoor and heavy-duty applications.



HOT-DIP GALVANIZING

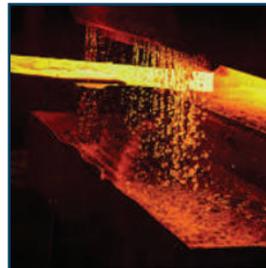
HEAT TREATMENT

Heat treatment is a controlled process that enhances fasteners' strength, hardness, and durability through precise heating and cooling.

Quenching & Tempering: Quenching cools heated metal to harden it, while tempering reduces brittleness and enhances toughness, improving overall strength.

Case Hardening: Case hardening strengthens a metal's outer surface while preserving a softer, ductile core to enhance wear resistance and toughness.

Annealing: Annealing is the process of heating metal and then allowing it to cool slowly. This technique softens the metal, improves its machinability, and relieves internal stresses.



QUENCHING & TEMPERING



CASE HARDENING



ANNEALING

INDUSTRIES WE SERVE



AUTOMOTIVE

Fasteners are essential components in the automotive industry. They play a crucial role in connecting various parts of vehicles and ensuring their safety, performance, and structural integrity.

They are designed to endure vibrations, thermal expansion, and mechanical stress, which promotes long-term reliability, enhances fuel efficiency, and complies with safety standards.

The automotive sector utilizes a wide variety of fasteners, including bolts, nuts, washers, screws, and rivets, made from durable materials such as stainless steel, aluminum, and carbon steel. These carefully engineered fasteners offer exceptional strength, resistance to corrosion and vibration, and overall durability, ensuring secure connections in critical components like engines, suspensions, and braking systems. Their consistent performance guarantees that vehicles are not only reliable but also safe and efficient for drivers and passengers alike.



CONSTRUCTION

Fasteners are often overlooked in the construction industry; however, they play a crucial role in connecting foundational elements and ensuring structures' stability, durability, and safety.

Designed to withstand heavy loads, environmental stresses, and corrosion, fasteners are essential for assembling everything from framing and foundations to roofing and finishing.

The construction industry relies on a wide variety of fasteners, including nails, screws, bolts, anchors, and rivets, made from durable materials like stainless steel, carbon steel, and galvanized metals. These fasteners are designed for precision and offer exceptional strength, weather resistance, and durability. They securely hold crucial components such as beams, walls, and floors. Their reliable performance ensures that buildings and structures are sturdy, weather-resistant, safe, and resilient for usage.

ELECTRICAL

Fasteners are essential components in the electrical industry. They ensure the secure and stable assembly of critical parts while prioritizing safety, functionality, and reliability. They are designed to endure electrical currents, heat, and environmental exposure, playing a vital role in assembling and mounting electrical panels, transformers, wiring systems, and various equipment.

The electrical industry utilizes a range of specialized fasteners, including screws, bolts, clamps, and anchors, which are typically made from non-corrosive materials such as stainless steel, brass, and coated metals. These fasteners are precision-engineered for optimal conductivity and insulation, offering exceptional stability, corrosion resistance, and durability, thereby protecting



critical electrical connections. Their reliable performance is crucial to ensure that electrical systems remain secure, efficient, and safe for residential and industrial applications.

ELECTRONICS & TELECOMMUNICATION

Fasteners are vital in the electronics and telecommunications industries, securing sensitive components and ensuring stability. Precision-engineered to fit compact designs, they withstand vibrations and thermal fluctuations, playing a pivotal role in circuit boards and telecom equipment.

Standard fasteners include screws, standoffs, spacers, and clips made from stainless steel, aluminum, and plastic, which provide insulation, conductivity, and corrosion resistance. These specialized fasteners enable reliable connections and consistent performance in demanding environments, which is essential for effective communication and technology operation.





FURNITURE

Fasteners play a crucial role in the furniture industry by providing stability, durability, and ease of assembly for various pieces. Whether it's tables, chairs, cabinets, or shelving units,

high-quality fasteners are essential for holding key components together, enhancing functionality and aesthetic appeal.

The industry employs a wide range of fasteners, including screws, bolts, dowels, and brackets, typically made from materials such as steel, brass, and wood-friendly coatings. These fasteners are designed for strength and easy assembly, ensuring secure and long-lasting joints in furniture. Their reliable performance keeps furniture sturdy and resilient, capable of withstanding everyday use, thereby adding value and longevity to each piece.



MEDICAL

In the medical industry, fasteners play a crucial role in assembling and stabilizing essential equipment, devices, and furniture used in healthcare settings.

From hospital beds and surgical instruments to imaging machines and diagnostic tools, medical-grade fasteners ensure safe and precise connections that adhere to strict hygiene and safety standards.

These fasteners are made from high-quality, corrosion-resistant materials like stainless steel and titanium, allowing them to withstand regular sterilization and extensive use. Engineered for durability and biocompatibility, they facilitate easy maintenance, helping healthcare providers deliver reliable care and maintain vital equipment for patient safety and comfort.

RAILWAY

In the railway industry, fasteners are essential for maintaining the safety and durability of rail infrastructure and rolling stock. They secure railway tracks and assemble carriages and locomotives designed to withstand heavy loads, vibrations, and harsh conditions.

Specialized fasteners like bolts, clamps, clips, and screws are typically made from high-strength, corrosion-resistant materials such as stainless steel and alloy steel. These robust fasteners ensure reliable connections and track alignment, which are crucial for the safe operation of trains, ultimately supporting efficient and secure transportation.



RENEWABLE ENERGY

Fasteners are essential in the renewable energy industry for securely assembling solar panels, wind turbines, and hydroelectric systems. Designed to endure extreme weather, high winds, and temperature fluctuations, they ensure the longevity and efficiency of installations.

Specialized fasteners such as bolts, clamps, screws, and anchors are made from corrosion-resistant materials like stainless steel and galvanized metals. These durable fasteners provide reliable connections that support sustainable energy generation, promoting a cleaner, greener future while upholding safety and performance standards.



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