



SUDHIR FASTENERS



Sudhir Fasteners (SF) stands tall as a well-established manufacturer of quality metal fasteners.

We maintain the promise of a well-structured plan of in-house designing and precisely executed production with skilled engineers, specially trained operators, and quality-achieving professionals.

Our company is recognised as an IATF 16949:2016 certified establishment and caters to a large variety of requirements vastly spread across industries ranging right from automobile to defense and everything in between.

50

personnel workforce

38

years of existence

20,000

sq. feet spread of functionality





MISSION

Sudhir Fasteners strives to delight customers by providing the best in class customer experience by leveraging functional, systematic, and technological expertise to meet all Fastening-related requirements and providing perfectly engineered components that serve as a vital part of the manufacturing industry.

VISION

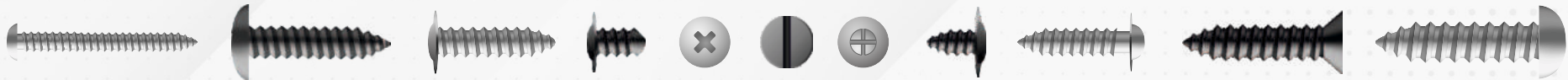
To revolutionize the manufacturing and distribution system of metal fasteners to sectors that demand it, into a smooth and efficient process. To work towards becoming the beacon of a new and improved standard of professionalism in our industry.



OUR PRODUCTS

SELF TAPPING FASTENERS

These fasteners typically drill its own hole as it drives in to the material. They are best suited for cosmetic applications on account of nut-less fastening design and smaller sizes.

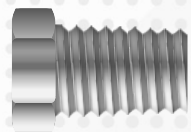


APPLICATION

- Automotive trims
- Automotive external body parts
- Fabrication
- Audio systems
- Braking systems
- Electrical subsystem

SPECIAL PRODUCTS

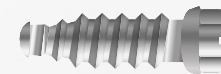
We work with mild steel, aluminum, brass and high carbon steel to transform machined components into engineered products and cold forged requirements, thereby creating value for our esteemed customers.



- NPTF Screw



- Aluminium Inserts



- Hose Clamp Screw





FACILITIES

When it comes to production and quality assurance, we offer our customers the best service, account management capabilities, and precisely engineered products extensively sought out in the industry. Currently, our facilities and services fall in accordance with the following specifications

- **FORGING CAPACITY:**

1200 METRIC TONNES PER MONTH

- **PRODUCT RANGE:**

**M3 TO M16 FASTENERS & SPECIAL
ENGINEERED COMPONENTS**

- **SPECIAL PROCESS:**

**1.HEAT TREATMENT: HARDENING,
TEMPERING, AND CARBURIZING
FURNACE (in-house)**

**2.PLATING: ALKALINE PLATING PLANT
(in-house)**

We are constantly looking to push the bar of performance and efficiency in fields of cold forming, heat treatment, plating, and engineering program management services.



CAPABILITY

PRODUCTS

- **Bolts and Screw**
 - Machine Screw
 - Self Tapping Screw
 - Hex Bolt
 - Flange Bolt
 - Half Thread Bolt
 - Rivets
 - Clevis Pin
 - Socket Head Screw
 - Countersunk Screw
 - Slotted Screw
- **Special Products**
 - Aluminum Insert for Electronics
 - Hose Clamp Screw
 - Dry/Wet Seal Screw

MATERIAL

- **Mild Steel** (Low Carbon)
- **High Tensile** (High Carbon)
- **Brass**
- **Aluminium**
- **Inconel**

FINISH & COLOURS

- **Zinc Alkaline Plating**
 - ●
- **Copper Nickel Plating**
 -
- **Acid Zinc Plating**
 - ● ● ●
- **Phosphate - oiled rust preventative**
 -
- **Zinc Aluminum Flake Coating**
 - ●
- **Zinc Nickel Plating**
 - ●
- **Loctite applications**
 - ●



QUALITY EQUIPMENTS

We, at Sudhir Fasteners, believe in delivering only the best to our clientele, following which we perform quality checks to maintain the traits of our products. All of our products go through the below mentioned two core quality check points during the production process:

HARDNESS (HEAT TREAT PROCESS OUTPUT)

Microscope for microstructure

Cutting, moulding and polishing machine

Vickers and Rockwell hardness testing equipment

Eddy Current Tester

SURFACE FINISH (PLATING PROCESS OUTPUT)

Salt spray testing chamber

Dry Film Thickness (DFT) meter

XRF

GEOMETRY (DIMENSIONAL OUTPUT)

Shadowgraph

QUALITY MANAGEMENT SYSTEM

Our company is also backed with the latest ERP system.

This technological advancement helps assure:

- ✦ Quality assurance records for posterity & in process & supply chain
- ✦ Compliance with norms of automation of data collection
- ✦ Reduced scope of human error
- ✦ Systematic traceability of production
- ✦ Enhance customer experience
- ✦ Swift and reliable post-distribution queries management
- ✦ Assured superior quality of products
- ✦ Transparency in production processes
- ✦ Guaranteed uniform and consistent records
- ✦ Lower learning curves and better knowledge sharing across departments



QUALITY CERTIFICATIONS



INDUSTRY INSIGHT

COLD FORMING PROCESS

This energy-efficient process improves the material integrity. There are 2 core processes we use for this purpose:

COLD HEADING

This metal working process generally produces extremely precise results and is incorporated for forging, extruding, and upsetting processes.



THREAD ROLLING

This manufacturing process conforms to ASTM, JIS, DIN, ISO standards and is used in the creation of threads in screws, bolts, and nuts.



INDUSTRY INSIGHT

HEAT TREATMENT PROCESS

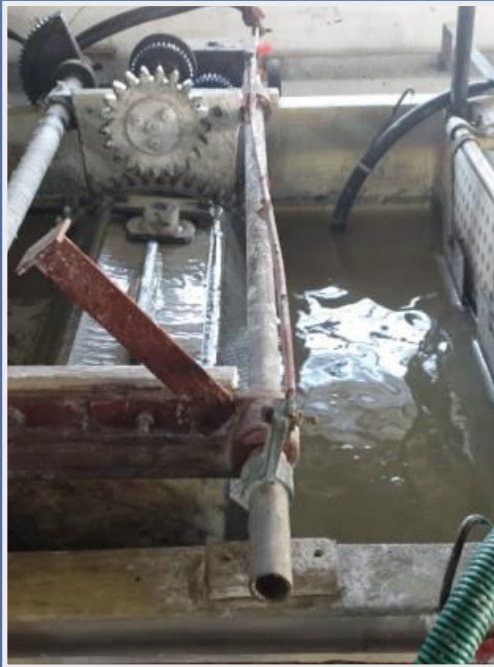
This is one of the oldest, most reliable and an irreplaceable tool that exploits the true versatility of metal by altering its hardness, toughness, or base structure. We run heat treatment processes with the use of a shaker hearth furnace for hardening, tempering, and carburizing.



INDUSTRY INSIGHT

PLATING PROCESS

This process of finishing extensively, works around the plating process, wherein the finished product is coated with a layer of anti-corrosion agents. Our Alkaline plating process has been tested to withstand the salt spray test life upto 1000 hrs.





CSR INSIGHT

Realising the impact that the manufacturing sector has on the environment, we do our bit as part of our CSR by:

- Following the responsible protocol for disposal of chemical waste.
- Reusing 95% of waste water post purification.
- Disposal of remaining waste through government-sanctioned systems.
- Maintaining mini gardens and plantations in the campus.





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