



# **Gatiman Steel Works**

Fastening the future together.

# PRODUCT CATALOGUE

**We provide high-quality, precision-engineered fasteners to a wide range of industries, including automotive, construction, and industrial sectors.**





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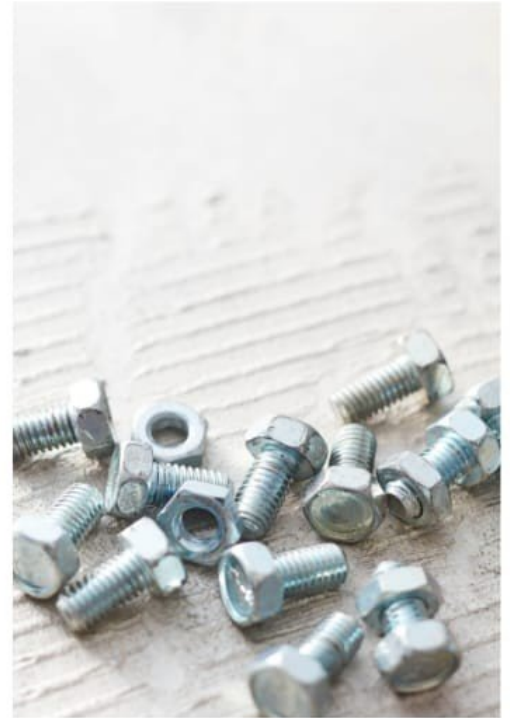
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## ABOUT US

ADITYA PATIDAR

OWNER OF GATIMAN STEEL WORKS

The cornerstone of my illustrious career in the nut and bolt manufacturing industry. In 2024, armed with a vision and a strong work ethic, I founded Gatiman Steel Works.



The company started small, operating out of a modest facility, but its unwavering commitment to quality and precision set it apart from the competition.

. Under my leadership, GSW focused on producing high-quality, reliable nuts and bolts that met stringent industry standards.





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## OUR GOALS



### Mission

Our mission is to be a global leader in manufacturing fasteners, steel wires, and cold forged components



### Vision

The Vision for GSW includes embracing advanced technologies, such as automation and smart manufacturing, to enhance efficiency and meet the growing demands of the global market.







## PRODUCT OVERVIEW

**Nut and bolt manufacturing is a critical industry that produces essential fasteners used in a multitude of applications, from construction and automotive to aerospace and electronics.**



**The manufacturing process begins with selecting high-quality raw materials such as steel, stainless steel, brass, or aluminum. These materials undergo precise cutting, forging, and threading processes to create durable and reliable nuts and bolts.**

**Surface treatments like galvanizing or black oxide coating provide additional protection and aesthetic appeal.**

**Quality control measures, including rigorous testing for tensile strength and durability, ensure that each fastener meets industry standards.**



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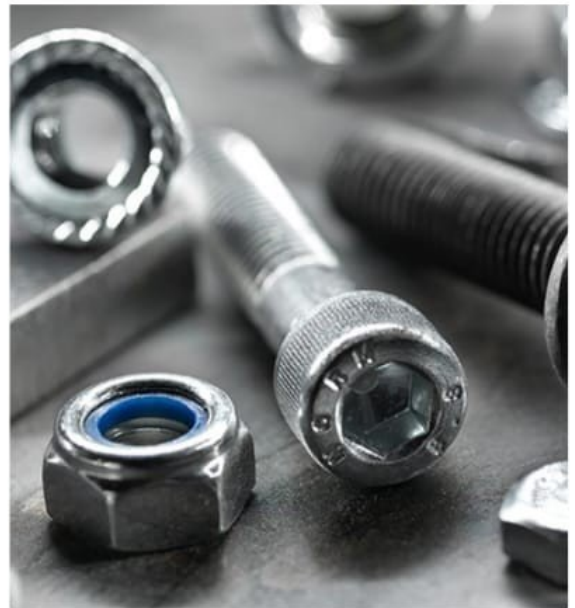
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Studs.



## OUR PRODUCT

Allen cap.



We provide high-quality fasteners like Nuts,Bolts,Screws, Stud,Allen cap bolt,Washers. Surface treatments like galvanizing or black oxide coating provide additional protection and aesthetic appeal.

*All types of fasteners are available.*







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## Bolts.

We provide all types of bolts and various types of grade in the bolts provide a cleaner and more compact assembly, making them ideal for use in tight spaces.



## Nuts.

We provide various types of nuts like, Square nut, Dome nut, Nyloc nut, Flange nut, Hex nut. This nuts provide reliable fastening solutions across construction, automotive, machinery, and manufacturing industries.



## Screws.

we provide all various types of screws. Some screws are coated for corrosion resistance or designed for specific purposes, like wood, metal, or drywall.





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## Black oxidizing process



Blackodized, Black oxide, Gun barrel blue and blackening are all names for chemical black coating fasteners. They are produced by placing the fastener in a bath of sodium hydroxide, nitrates and nitrites at  $140^{\circ}\text{C}$  this converts the surface of the steel bolt into magnetite.

Blackodised fasteners retain their original dimensions as the coating adds minimal thickness, making it a cost-effective option compared to other finishing methods like electroplating. These fasteners are commonly used in industries such as automotive, aerospace, and general hardware, where both functionality and appearance are important.







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## Hot-Dip Galvanised



Hot-dip galvanizing (HDG) is a process that coats steel nuts and bolts with zinc to protect them from corrosion. The zinc coating is durable and low maintenance, and can last for 50–70 years in most environments.

## Benefits

### 1-Corrosion protection.

Zinc corrodes at a much slower rate than steel, so the zinc coating protects the steel for a long time.

### 2-Durable.

Hot-dip galvanized nuts and bolts are durable and require little maintenance.

### 3-Alternative to stainless steel.

Hot-dip galvanized nuts and bolts are an alternative to stainless steel fasteners.





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# GET IN TOUCH



**+91-8319402756**



**Support@gatimansteelworks.com**



**gatimansteelworks@gmail.com**



**<https://www.gatimansteelworks.com/>**



**937, Ramdevra mandir Datoda Road  
Harsola Mhow,district-Indore.**

