



Manufacturers of Stainless Steel,
Alloy Steel, Fasteners, Bolts, Nuts,
Studs, Threaded Bars &
Allied Products



Ratnesh
Metal Industries Pvt. Ltd.

An ISO 9001-2008 Company

327-A, Akshar Arcade, Opp. Memnagar Fire Station, Navrangpura,
Ahmedabad-380 009, Gujarat, India. Ph : +91-79-26401487/88/89/97,
Fax : +91-79-2640 0722,
Email : rsanghvi@ratneshmetal.com, sales@ratneshmetal.com
Web : www.ratneshmetal.com



Ratnesh
Metal Industries Pvt. Ltd.

RMI



Introduction of the Company

What we are

We Ratnesh Metal Industries Pvt. Ltd. are a stainless steel plant established in 1999. It was a part of Parent group having a experience of producing various products in stainless steel industry since 1970. The company specializes in manufacturing of stainless steel hot rolled black bars and bright bars in round, hexagon, squares, angles, flats and various other sections. The manufacturing unit spread in the area of 1,20,000 - 200,000 sqmtr, with the production capacity of 50000 mt per annum, possesses in house production facilities like melting furnace, furnace, bright bar unit. We are an ISO 9001-2000 certified company. We have achieved a position of repute in domestic as well as international market and come a long way, building worldwide clientele.

Vision, Philosophy & Mission

What we stand for

We at Ratnesh strive for the delivery of quality and reliable products on time as per customer requirement at competitive prices.

The team at Ratnesh shares the noble vision of leading the world stainless steel industry by producing products of the best quality, at the best prices, satisfying our customers worldwide and ensuring timely delivery.

Our core values are

- Improvement of our products and processes
- The best quality products
- Competitive pricing of products
- Ensuring timely delivery
- Creating and maintaining a world class team of professionals
- Minimizing the environmental impact of production
- Providing a challenging working environment for employees
- Updating our employees from time to time by arranging training programs
- Ensuring employee satisfaction and safety at various levels





Products Range

The company's product range includes high tensile hex bolts, screws, studs, threaded bars, socket head cap screws, low head socket screws, countersunk socket and slotted screws, high strength friction grip bolts, foundation bolts, wheel bolts, hex nuts, square nuts, castle nuts, prevailing torque nuts, fasteners suitable for earth moving equipments, special fasteners etc., confirming to national/international standards such as ISO, IS, BS, DIN, ASTM, ANSI, SAE, etc.,

RMI fasteners are made of high grade alloy steel, various grades of stainless steel, heat resistant steels, corrosion resisting steels, and in nickel alloys like inconel, monel etc.

The company's continuous effort to invest in research and development, quality and trained manpower, acquiring of latest technologies has given an edge over the competition to manufacture not only regular products but also fasteners as per customer specification.

Grades :

ISO /IS/DIN Grades 4.6, 5.6, 6.8, 8.8, 10.9, 12.9, 14.9, B.S. Std-Grade S, Grade V, SAE Grade 5 & Grade 8, ASTM A193/A 194/ASTM A320/ A 325/ A 450 grade or as per specific requirement.

Installed Capacity :

2000 MT/annum.





Hexagonal Head Bolts and Screws

- Diameter- M16 to M 64 and length up to 750 mm.
- Forged head, Uniform fillet radius, Better grain flow makes product more stronger.
- Rolled threads, Uniform Contour, Perfect root radius runout, imparts high fatigue strength.
- Dimensions, Threads conform to national / international standards or as per customer specification.
- Material of construction and Mechanical properties strictly conform to respective standards.
- Surface finish, Phosphate coated, Plated (Zinc, Cadmium) hot dip galvanized or Xylan coated as per requirement.
- We Manufacture suitable high/low temperature application.



Socket Head Cap Screws

- Diameter- M16 to M 48. Length up to 500 mm.
- Head and Socket forged, Elliptical fillet radius, Better grain flow makes product more stronger.
- Uniform Contour, Perfect root radius runout, imparts high fatigue strength.
- Dimensions, Threads conform to national / international standards or as per customer specification.
- Material of construction and Mechanical properties strictly conform to respective standards.
- Surface finish generally supplied in black oxide coated other types are on specific requirement.
- Product range Includes low head cap screws as per DIN standards.
- Products generally available in 12:9 grade. Other grade can be supplied against specific request.





Fully Threaded & Double Ended Studs

- Dimensions-As per national / international standard such as ASTM A 193 or ASTM 320 etc. with Standard threads or Special threads.
- Studs as per customer specifications.
- Diameter- Up to 64 mm. Length up to 3 meters.
- Supplied with Suitable grade Nuts and Washers.



Fasteners for Marine Fenders

- As per customer's drawing & specification.



High Strength Structural Fasteners

- As per DIN, ASTM 325, ASTM 450 or as per IS/ISO standard.
- Products of 8.8 grade/ ASTM325 grade can be supplied in hot dip galvanized finish
- Generally available in black finish.



Hex.nuts, Lock Nuts And Special Nuts

- Product range covers Standard Hex nuts, Castle nuts, Doom nuts, Cap nuts, Flanged nuts, Square nuts, etc.
- Dimensions, Threads conforms to national / international standards or as per customer specification. Material of construction and Mechanical properties strictly conforms to respective standards.



Special Fasteners

- T head bolt, Bi hexagonal head bolts, Square head bolts, Collar bolts etc.
- Manufactured in Alloy steels, Stainless steels, Heat resistant steels or as per customer requirement.





Testing Facilities

- Spectroscope
- Hardness Tester
- Universe Tensile Testing Machine
- Impact Testing Machine
- Shear Testing Machine
- Microscope
- Torque Testing
- Profile Projector to verify thread form
- Intra grannular Corrosion Testing
- Salt Spray Testing
- Ultrasonic Testing
- Magnetic Particle inspection
- Liquid Penetration Test
- Jominy hardenability Test

Application

Our product range has application in various diversified industries such as

- Heavy Engineering Industries.
- Earth Moving Equipment Manufacturers.
- Indian Railways.
- Locomotive Manufacturers.
- Petro-Chemical Industries.
- Fertilizers Plants.
- Power Generation units, Nuclear, Hydro, or thermal
- Ship Building Industries.
- Steel Plants.
- Civil Construction Industries.
- Mining Industries.
- Elevators Manufacturers.
- Oil Exploration Project.
- Defence Organizations
- Pre Engineered Buildings and other application.

Packaging

Packaging as per standard practice of packing or as per customer specification.

Manufacturing Facilities

The company's state of the art manufacturing plant is equipped with in-house bright bar unit, forging plant, Mechanical Testing Lab, Thread Rolling, Heat Treatment Plant. We produce steel as per specific requirements and roll it to the required dimensions to reduce the wastage and thus make products available at competitive rates.

