

Stockists & Suppliers Stainless Steel Ferrous & Non Ferrous Metal

Behind **OMEGA STAINLESS** growth and success there is years of experience working in steel industry & closely monitoring our customer's demands. Exclusive technology, certified products, high quality standards and perfect customer's services: this is **OMEGA STAINLESS** a true performer in the global market and a reliable partner for its customers.

Any size any grade any quality at a competitive price in all forms: pipes, tubes, plates, flanges, fittings, bars & customized forgings, demonstrates our flexibility. Adherence to customer's delivery needs and complex technical specification demonstrates our total quality.

The unrivalled product portfolio is our core strength, with a strategic location in Mumbai; we seek to create a close long-term relationship with our clients. At the outset we aim to facilitate a smooth delivery. It is this overview of the whole process that creates reassurance, & more importantly, offers peace of mind.

And with continual enhancement programme, the company strives to maintain a market leading position through its research, investment & innovation.

Through our extensive experience in engineering, our aim is not only to meet client's needs but also to exceed their expectations and to totally delight them with our product and service quality.

Our Commitment: We are committed to:

Providing our clients with a full range of high quality products and services in various fields. Carrying out all aspects of our work to high level of professionalism and excellence. Providing qualitative workmanship.

Our Vision

We aspire to become the Indian Stainless Steel Pipe Industry's Benchmark by Delivering Superior Value Products to our Customers, through innovation and leadership in operational excellence.

Our Mission

Consistent with the vision and values of our founders, We strive to strengthen India's Industrial base through effective utilisation of staff and materials. The means envisaged to achieve this are cutting-edge technology, high productivity, being consistent with modern management practices, OMEGA STAINLESS recognises that honesty and integrity are essential ingredients of a strong and stable enterprise, profitability provides the main spark for economic activity.

Certification





Certification





We are dedicatedly to continuous offering an extensive range of superior quality Stainless Sheet, Coils. Our ranges of stainless sheet coils are known for their corrosion resistance, dimensional accuracy, and longer service life. Our entire products are widely appreciated among our clients for their superior quality and excellent performance. Our range is thoroughly checked by the experts in order to ensure that this product is safe to use and perform without



Supply Conditions

Grades : Austenitic, Duplex, Martensitic and ferritic.

Surface: No.1 Finish, 2B Finish, No.2 Finish, No.3 Finish, BA Finish.

Thickness:

- HOT ROLLED 1.4 mm to 12.00 mm
- COLD ROLLED 0.3 mm to 5.00 mm

Width:

- HOT ROLLED 1280 mm To 1650 mm
- COLD ROLLED 1000 mm To 1600 mm

Length: COIL, FORM (As Per Customer Requirement)

Plates

Our organization offers a comprehensive range of Stainless steel plates available in these specification 300 series, 400 series, 200 series, duplex and super duplex which is known for excellent strength and durability. Our range of stainless steel plates are extensively used in various sector.



Supply Conditions

Grades: 300 series, 400 series, 200 series,

duplex & super-duplex

Surface: No.1 Finished

Thickness: 3 mm to 132 mm

Width: 1270 mm to 1650 mm

Length: As per Customer Requirement

All Grades: Austenitic, Duplex, Martensitic

Stainless Steel Plates Prime Materials - ASTM A240/ASME SA 240, NACE MR 01 - 75, EN 10204 3.1 Coil, Sheet and Plate dimensions (in mm)







Applications:

Bright Bars, Wires, Fasteners, Chains, Threaded Rods, Cutlery, Welding Products

Grades 303, 304, 304L, 316, 316L, 410, 416, 420, 430F, 430L

Diameter (Size) 5.5 mm to 23 mm (0.217" to 0.905")

Tolerance +/-0.3 mm (+/-0.011")

Surface Defect 1% of Diameter
Coil Weight 500 - 1000 kgs

Packing HDPE Wrapped coils 500 to 1000 kgs

Heat Treatment Solution Annealing for Austenitic Grades, Normal Annealing for Martenisitic Grades

Surface Treatment Hot Rolled or Hot Rolled Annealed and Pickled (with or without coating)

Duplex & Super Duplex Bars

Duplex Steel bars have enormous hardness making them the first choice for applications that need strength:

Duplex Stainless Steels are Called "Duplex" because they have a two-phase microstructure consisting of grains of ferritic and austenitic stainless steel. This structure provides a unique set of benefits them for pump shaft, bolts and valve components.



Strength

Duplex stainless steels are about twice as strong as regular austenitic or ferritic stainless steel.

Corrosion resistance

As with all stainless steels, corrosion resistance depends mostly on the composition of the stainless steel. The composition of this makes it better at resisting corrosion.

Toughness and ductility

Duplex stainless steels has significantly better toughness and ductility than ferritic grades.





for applications that need the properties of stainless steel without the cold finishing or bright supply condition:

Hot rolled round bars are generally used in the applications like construction, where finish and precise dimensions aren't a priority. They go through various heat treatment processes such as soft annealing, solution annealing in fabrication, manufacturing and repair.



Supply Conditions

Size range: 16mm - 300mm

Length up: to 7 meters

Hot rolled (black) surface

100% Ultrasonically tested

Spot grinded

Cold sawable

100 % material identity tested through handled spectrometer

Free from radioactive elements, mercury and lead contamination

Heat treatment Soft Annealing, Solution Annealing, Spheroidized Annealing, Oil & Water Quenching, Tempered & Normalized

Grade confirmation through PMI testing with handheld spectrometer

Bright Bars

Stainless steel bright bars that have the uncompromising quality standards of Omega Stainless

Our stainless steel bright bars are crafted with high finishing for superior quality and they are massively used in producing mechanical parts, owing to their paramount mechanical properties. Popular applications are found in the manufacturing of machine tools, parts of heavy machines, electric pumps, electric motors, railway engines, coaches, arms, ammunition, automobile parts and many more.



Supply Conditions

Size range 5mm - 5mm to 300mm

Length up: to 6.5 meters

- Tolerance h7, h8, h9, h10, h11, k12, k13
- Surface finish RA upto 0.2 mm (8.7 RMS)
- Straightness Up to 0.5 mm per meter TIR
- Grit polish K240, K320 or as per customer's requirement

Heat treatment Soft annealing, solution annealing, Oil & Water quenching tempering & normalizing Bars end finish Chamfered ends, 300, 450 & 600 plain ends without burrs or sharp edges Specifications As per EN, DIN, JIS, ASTM, BS, ASME, GHOST, AISI / Nace MR0175





Stainless Steel hexagon bars that are the first choice for machining parts:

Corrosion resistance quality of hexagonal bright bars makes them suitable for the manufacturing of surgical equipment and high precision



Supply conditions

Length: Up to 6 meters Tolerances: h11, k12, k13

Grit polish: As per customer's request

Heat treatment: Solution annealed, oil & water quenched / tempered,

soft annealing

Bars end finish Chamfered ends, plain, plain ends without burrs or sharp edges Specifications As per EN, DIN, JIS, ASTM, BS, ASME, AISI, etc. Grade confirmation through PMI testing with handheld spectrometer. Free from radioactive elements, mercury & lead contamination.

Our Products



Pipe & Tubes



Buttweld Fittings



Forged Fittings



Tube Fitting & Fasteners











S S Instrument Fittings

Flanges

Angle / Channel / Flat Bar

Round Bar



Omega Stainless

Rajkot

New Delhi Ahmedabad

Pune

Bangalore

Coimbatore

Chennai

Third Party Inspection





















Application Industries











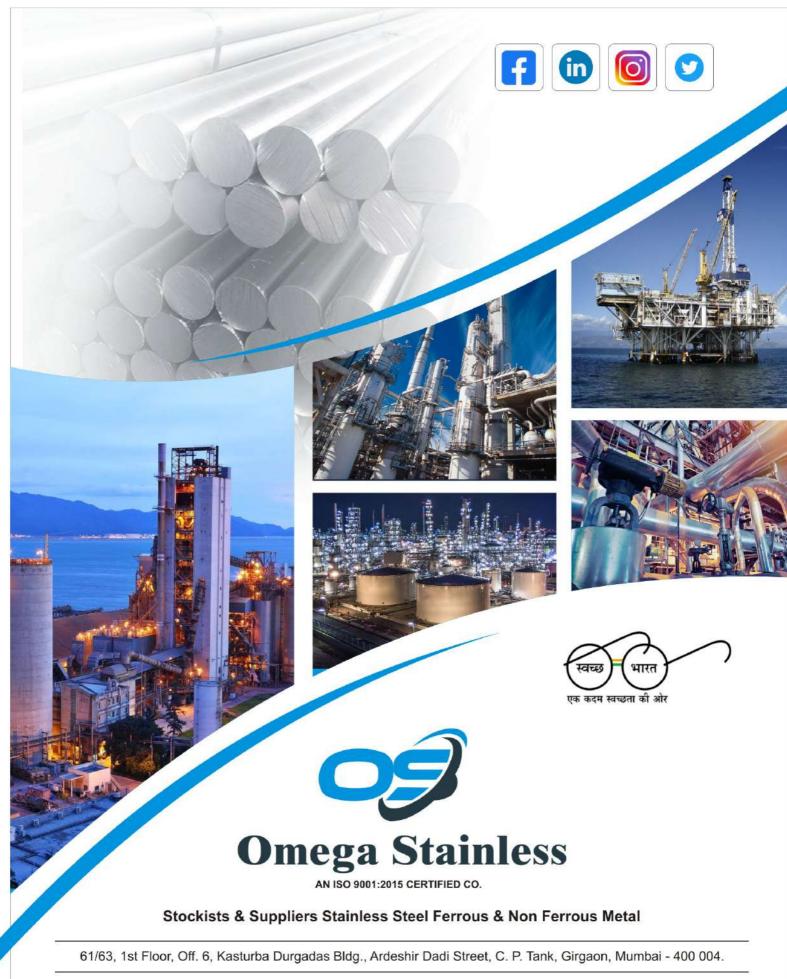








- Ship Building
- Paper & Pulp Industries
- Sugar Industry
- Engineering
- Petro-Chemical
- Cement Industries
- Chemical & Pharmaceutical
- Food Industries
- Oil & Gas Industries
- **Nuclear Power**
- Railway
- Water Piping System



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