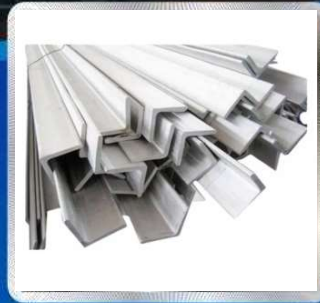
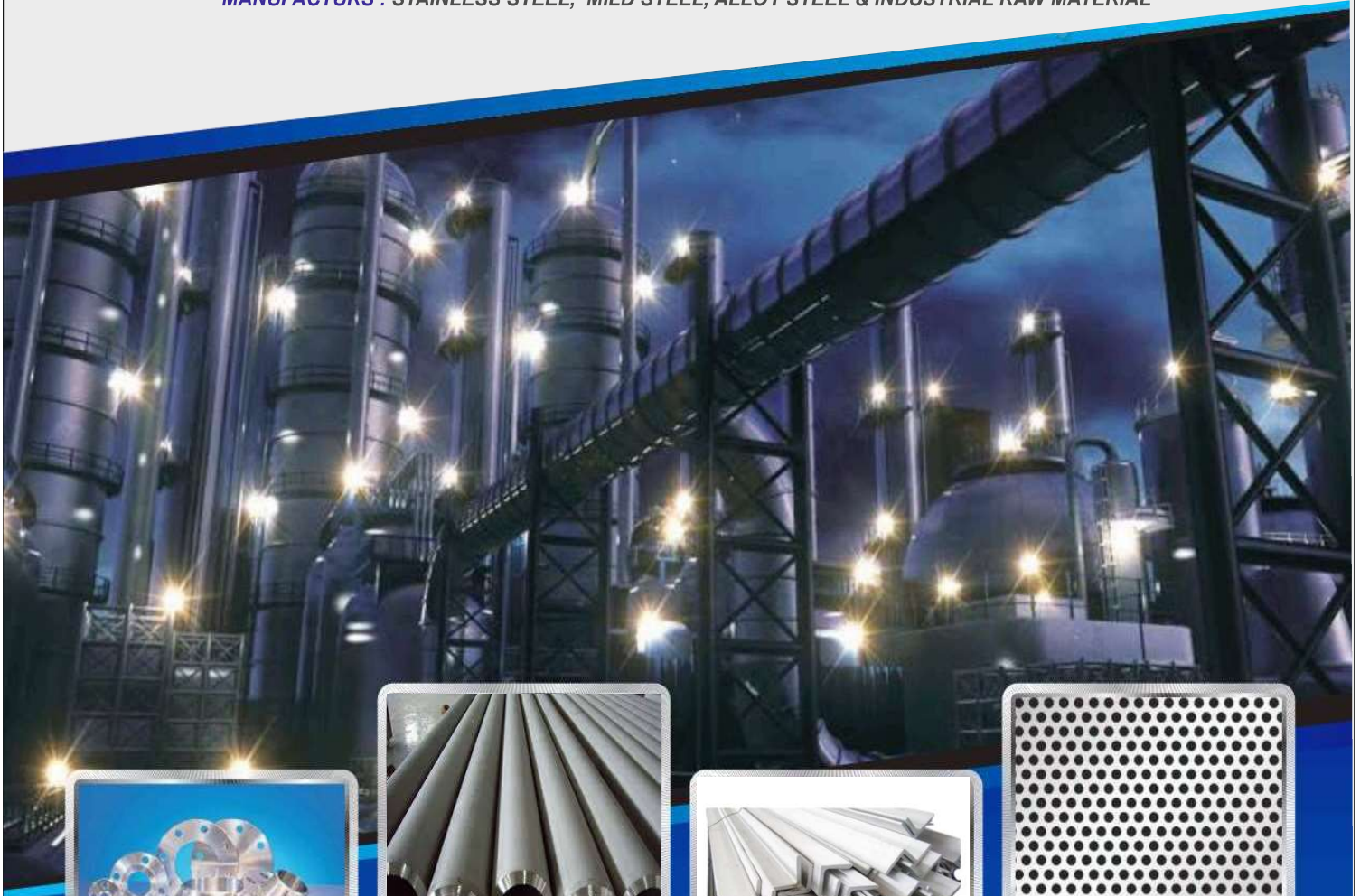




TRIDENT METAL AND ALLOYS

STOCKISTS • SUPPLIERS IN FERROUS • NON FERROUS METAL • ALLOY STEEL
MANUFACTURERS : STAINLESS STEEL, MILD STEEL, ALLOY STEEL & INDUSTRIAL RAW MATERIAL





COMPANY PROFILE



Introduction

We take pride in introduction ourselves as one of the leading importers, manufacturers, stockists and suppliers of a comprehensive range of premium quality Stainless Steel and Ferrous and Non-Ferrous metal items which are required by your company in all aspects of projects implementation, maintenance, modernization etc. Our offering include stainless steel pipes / tubes, plates, coils, sheets, rods, strips, nuts and bolts. *Trident Metal And Alloys* products are known for their high performance, durability and effectiveness.

Established in 1990, the company has always achieved a good growth rate and success, a direct result of our efficient service to trade and industry. We are a proprietorship firm, working under the capable guidance who has vast experience and extensive knowledge of this industry. *Trident Metal And Alloys* was established with the objective of always putting customer interest first; that is what we did and what we are still doing today.

Our Product Line :

Stainless Steel : Pipes & Tubes (Seamless / Welded / Fabricated), Sheets, Plates, Rods, Wires, Pipes Fittings and components in AISI 304, 304L, 309, 310, 316, 316L, 317L, 321, 321, 41, 420 & 431 Grades etc. in all dimensions in indigenous and imported make.

Alloys Steel / Carbon Steel :

Pipes and Tubes (ERW & W / Seamless) as per ASTM A335, P5, P11, P12, P22 and ASTM A 106, Gr. B, SA 179, BS-3059 Part I & II, IS-1269

SS/CS/AS Fittings :

Butt-welded / Stock-Welded / Forged and compression type with Ferrules as per ASTM A403, WPS, A182, A105, A234, WPB, WP5, WP11, WP12, WP22, etc. as per project requirements.

We also stock Monel, Nickel, Hastalloy, Inconel 600 / 800, Copper, Brass, Aluminium, Lead, Tin, Zinc and other minor metals in various sizes and shapes.

Over the years, we have gained sufficient experience in this field and received substantial business from reputed concerns in the chemical industry : petrochemical corporations, oil refineries, pharmaceutical companies, pulp and paper mills, cement plants and fertilizer plants. We have also been suppliers to dairies, breweries, sugar mills, nuclear and thermal power stations, engineering concerns as well as projects of national importance. Many of our clients place orders with us on a repeated basis, which speaks volumes of the quality of our products and service.



TRIDENT METAL AND ALLOYS



PRODUCT RANGE



S.S. ERW PIPES



SEAMLESS PIPE



S.S. PERFORATED
SHEET

OUR SPECIALIST STAINLESS STEEL PRODUCT



S.S. FLANGES



S.S. FERRULE
FITTINGS



S.S. ELECTRO
POLISH PIPES



PRODUCT RANGE



PIPES & TUBES

Stainless Steel : ASTM A312 TP 304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L etc.
Carbon Steel : ASTM A53 GR. B/ A106 GR. B/ API 5L GRADE B/ API 5L GR.X42/46/52/56/60/65/70/
Low Temperature, Carbon Steel: A333 Gr.3/Gr.6 etc.
Alloy Steel : ASTM A335 GR. P1/ P5/ P9/ P11/ P22/ P91 etc.
Nickel Alloys : Monel, Nickel, Inconel, Hastalloy, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, 904L, Alloy 20
Duplex & Super Duplex Steel : UNS S31803, UNS S32750, UNS S32760,
Non Ferrous Metal : Copper, Brass, Bronze, Zinc, Lead etc. Types : Round , Square, Rectangular.
Size : 1/2" to 24" NB. (Seamless & Welded)
Wall Thickness : Sch. 5S to Sch. XXS



Butt Weld Fittings

Stainless Steel : ASTM A403 WP 304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L etc.
Carbon Steel : ASTM A234 WPB/ A420 WPL3/ A420 WPL6/ MSS-SP-75 WPHY 42/46/52/ 56/60/65/70
Alloy Steel : ASTM A234 WP1/ WP5/ WP9/ WP11/ WP22/ WP91 etc.
Duplex & Super Duplex Steel : UNS S31803, UNS S32750, UNS S32760,
Others : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, 904L, Alloy 20 etc.
Types : Elbow, Tee, Reducer, Return Bends, Stub-Ends, Cap, Collar, Cross, Insert etc.
Size : 1/4" NB TO 32" NB. (Seamless & Welded)
Wall Thickness : Sch. 5S To Sch. XXS.



Forged Socket Weld & Screwed Fittings

Stainless Steel : ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L etc.
Carbon Steel : ASTM A105/ A694 F42/46/ 52/56/ 60/ 65/70 / A350 LF3/ A350 LF2.
Alloy Steel : ASTM A182 F1/ F5/ F9/ F11/ F22/ F91 etc.
Others : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.
Types : Elbow, Tee, Union, Cross, Coupling, Cap, Bushing , Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parallel Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet, etc.
Size : 1/4" NB TO 4" NB. (Socket weld & Threaded)
Class : 3000#, 6000#, 9000#.



Flanges

Stainless Steel : ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L etc.
Carbon Steel : ASTM A105/ A694 F42/46/ 52/56/ 60/ 65/70/ A350 LF3/ A350 LF2, etc.
Alloy Steel : ASTM A182 F1/ F5/ F9/ F11/ F22/ F91 etc.
Duplex & Super Duplex Steel : UNS S31803, UNS S32750, UNS S32760, 904L, Alloy 20
Others : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.
Types : Weldneck, Slipon, Blind, Socket Weld, Lap Joint, Spectacles, Ring Joint, Oriface, Long Weldneck, Deck Flange, RTJ, Flange
Size : 1/2" NB TO 24" NB.
Class : 150#, 300#, 400#, 600#, 900#, 1500# & 2500#.



Ferrule Fittings

Stainless Steel : ASTM A182 F304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L etc.
Carbon Steel : ASTM A105/ A694 F42/46/ 52/56/ 60/ 65/70/ A350 LF3/ A350 LF2.
Alloy Steel : ASTM A182 F1/ F5/ F9/ F11/ F22/ F91 etc.
Duplex & Super Duplex Steel : UNS S31803, UNS S32750, UNS S32760, 904L, Alloy 20
Other : Stainless Steel, Nickel Alloys, Carbon Steel, Alloy Steel, Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, Etc.
Types : Nipples, Adaptors, Crosses, Union Ball Joints, Reducing Bushing, Reducers, Pipe Caps, Couplings, Pipe Plug, Hollow Hex Plug, Elbow, Reducing Union, 90 Deg. Union Elbow, Reducing 90 Deg. Union Elbow Etc. Extender Leg 90 Deg. Union Elbow, 45 Deg. Union Elbow, Union Tee, Female Connector, Male Connector, Manifold Tee, Locator Union, Extended Run Leg Union Tee, Reducing Tee, Tribow, ATW Weld Ring, Tube Socket weld To Pipe Butt Weld, Tube Butt Weld To Tube Socket Weld, Port Connector, Etc.



PRODUCT RANGE



SHEET, PLATE & COIL

Stainless Steel Coils, Sheets & Plates as per ASTM A 240 Gr. TP 304, 304L, 304LN, 309, 309S, 309H, 310S, 310H, 316, 316L, 316H, 316LN, 316TI, 317, 317L, 321, 321H, 347, 347H, 348, 348H, 409, 410, 420, 430 etc.

Alloy Steel Plates as per ASTM A 387 Gr. 2, 5, 9, 11, 12 & 22 in class 1 & 2, ASTM A 204, Gr. A & B, DIN 17175 Gr. 15Mo3 & 16Mo3 with IBR Test Certificate.

Carbon Steel / Boiler Quality Plates as per IS 2062 Gr. A, B & C, IS 2002 Gr. 1 & 2, ASTM A 516 Gr. 60 & 70 ASTM A 515 Gr. 70.

High Nickel Alloy : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Brass, Titanium, Tantalum, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

Duplex & Super Duplex Steel : UNS S31803, UNS S32750, UNS 532760, 904L, Alloy 20

Types : Sheet, Plates, Strips, etc.



Fasteners & Nut Bolts

Stainless Steel : AISI 302, 304, 304L, 316, 316L, 310, 317, 321, 347, 410 420, 904L etc.

Alloy Steel : 4.6, 5.6, 6.6, 8.8, 10.9 & 12.9 'R', 'S', 'T' Conditions.

Carbon Steel : Bare Condition, Galvanized, Phosphetised, Cadmium Plated, Hot Deep Galvanized, Bloodied, Nickel Chrome Plated etc.

Non-Ferrous Metal : Copper, Brass, Aluminium, Titanium, Nichrome, Al-Bronze, Phosphorous Bronze etc.

Type : Bolts, Nuts, Washers, Anchor, Fastners, Stud Bolts, Eye Bolt, Stud, Threaded Rod, Cotter Pin, Socket, Screw, Fine Fasteners & Spares, Foundation Fasteners etc.



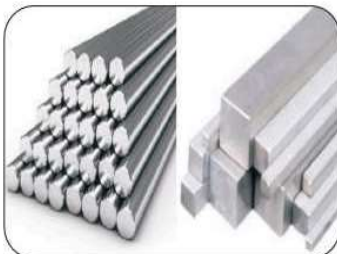
Valve

Stainless Steel : AISI 304, 304L, 316, 316L, 310, 317, 317L, 321, 347, 904L etc.

Carbon Steel : A105, A216, Gr. WCB, Cadmium Plated, Nickel, chrome Plated etc.

Non-Ferrous Metal : Copper, Brass, Titanium, Phosphorous Bronze etc.

Type : Ball Valve, Gate Valve, Check Valve, Needle, Valve, Mini Valve, Gauge Rott Valve, Globe Valve, Manifolds (2 Way, 3 Way, 5 Way)



Round, Square & Hex Bar

Stainless Steel : As per ASTM A 276 & A 479 Grade 202 / 304 / 304L / 316 / 316L / 316Ti / 317 / 317L / 321 / 310 / 347 / 410 / 420 / 904 / 303 / 17-4PH, 15-5 PH etc.

Nickel Alloys : Monel, Inconel, Hastelloy, Nickel, Titanium, Alloy 20

Duplex & Super Duplex : UNS 32205, 31803, 32750, 32760,

Types : Round, Square, Rectangular.

Size : 3mm - 75 mm dia ready stock with Mill Test Certificate

Process : Cold Drawn, Annealed, Export Bright & Black

Tolerance : H9, H11

BRANDS We Deal in





APPLICATION INDUSTRIES



Power House



Steel Plant



Offshore Platform



Chemical Industries



Petrochemical Industries

FORMULA OF CALCULATING WEIGHT

- 1) **WEIGHT OF S. S. PIPE**
 $\text{O.D. (mm) - W. Thick (mm) X W. Thick (mm) x 0.0248 = Wt. Per Mtr.}$
 $\text{O.D. (mm) - W. Thick (mm) X W. Thick (mm) x 0.00756 = Wt. Per Feet}$
- 2) **WEIGHT OF S. S. ROUND BAR**
 $\text{DIA (mm) x DIA (mm) x 0.00623 = Wt. Per Mtr.}$
 $\text{DIA (mm) x DIA (mm) x 0.0019 = Wt. Per Feet}$
- 3) **WEIGHT OF S. S. SQUARE BAR**
 $\text{DIA (mm) x DIA (mm) x 0.00788 = Wt. Per Mtr.}$
 $\text{DIA (mm) x DIA (mm) x 0.0024 = Wt. Per Feet}$
- 4) **WEIGHT OF S. S. HEXAGONAL BAR**
 $\text{DIA (mm) x DIA (mm) x 0.00680 = Wt. Per Mtr.}$
 $\text{DIA (mm) x DIA (mm) x 0.002072 = Wt. Per Feet}$
- 5) **WEIGHT OF S. S. FLAT BAR**
 $\text{Width (mm) x Thick (mm) x 0.00798 = Wt. Per Mtr.}$
 $\text{Width (mm) x Thick (mm) x 0.00243 = Wt. Per Feet}$
- 6) **WEIGHT OF S. S. SHEETS & PLATES**
 $\text{Length (Mtrs) x Width (Mtrs) x Thick (mm) x 8 = Wt. Per PC}$
 $\text{Length (Fit) x Width (Fit) x Thick (mm) x 3/4 = Wt. Per PC}$
- 7) **WEIGHT OF S. S. CIRCLE**
 $\text{DIA (mm) x DIA (mm) x Thick (mm) \div 160 = Gms. PC}$
 $\text{DIA (mm) x DIA (mm) x Thick (mm) x 0.0000063 = Kg. Per PC}$
- 8) **WEIGHT OF BRASS PIPE / COPPER PIPE**
 $\text{O.D. (mm) - Thick (mm) x 0.0260 = Wt. Per Mtr.}$
- 9) **WEIGHT OF LEAD PIPE**
 $\text{O. D. (mm) - Wt. (mm) x Wt. (mm) x 0.0345 = Wt. Per Mtr.}$
- 10) **WEIGHT OF ALUMINIUM PIPE**
 $\text{O. D. (mm) - Thick (mm) x Thick (mm) x 0.0083 = Wt. Per Mtr.}$
- 11) **WEIGHT OF ALUMINIUM SHEET**
 $\text{Length (Mtr.) x Width (Mtr.) x Thick (mm) x 2.69 = Wt. Per PC}$
- 12) **WEIGHT OF CONVERSION OF MTR. TO FEET**
 $\text{Wt. of Mtr. \div 3.2808 = Wt. Per Feet.}$



Flange CNC Machine



Fertilizer Plants



Refinery Petrochemical Plant



Port Trusts



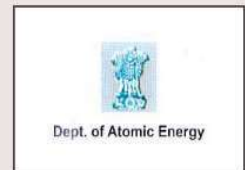
Navy Submarine



APPLICATION INDUSTRIES

- Oil & Gas Industries
- Steel Plant & Rolling Mills Mfg.
- Automobile & Heavy Mobile Vehicle
- Material Handling Stores
- Agriculture Machinery Equipments
- Refineries
- Analyzer-lab & Testing Equipments
- Paint Industries
- Car Care Systems
- Life Sciences
- Super Market Storage & Rack System
- Automation Machinery
- Multi Parking Systems
- Military
- Power Generations Systems
- Cement Industry Machinery
- Motion & Control Tech. Equipment
- Hydrostatic Drive Systems
- Hydrostatic Press & Power Packs
- Cooling & Heating Systems
- Packaging Equipments
- Engines & Railways
- Pulp Paper Machinery
- Fuel Cells Components
- Machine Tool Application
- Industrial Mining Equipments
- Food & Beverage Equipments
- Marine Project
- Oil Mill Plants
- Aerospace & Aircraft System
- Pollution Control Equipments
- Offshore Engineering
- Plastic / Rubber Processing Machines
- Chemical Machinery

THIRD PARTY INSPECTION



Vimal Desai
Mo.: 9619966304
9619282829



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