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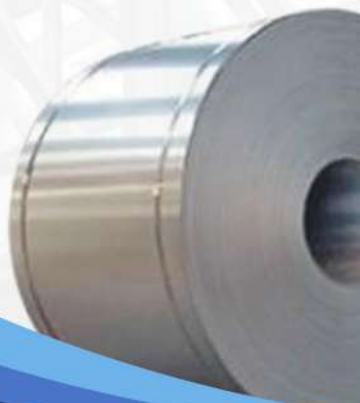


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Matrix Metal & Engg Industry

Matrix Metal & Engg Industry is known as the most competitive group in the world of Stainless Steel, High Nickel Alloys and Carbon Steel having its headquarters in Mumbai - India.





COMPANY PROFILE

Matrix Metal & Engg Industry is known as the most competitive group in the world of Stainless Steel, High Nickel Alloys and Carbon Steel having its **headquarters in Mumbai – India.**

The Group was incorporated in the year 2016 & since last 4 years, from the journey of Trader to Manufacturer, the group has achieved excellence in every business and is dedicated in providing **“Quality with low Cost Production”** and thus led to **“Customer Satisfaction and Long term Business relationship with all its esteem Customers”.**

The Group has drawn together under the one roof of the total spectrum of Trading, Stockholding & Processing activities in Stainless Steel, Carbon Steel, High Nickel Alloy, Brass, Aluminum in the shape of Pipes, Tubes, Rods, Sheets, Plates, Wires, Angles, Coils, Strips & Manufacturing the entire range of Pipes Fittings such as Butt Weld and Forged Socket weld and Screwed Fittings such as Elbow, Tees, Reducers, Stub ends, Flanges, Caps, Nipples, Couplings, Elbowlets, Sockolets, Weldolets, Nuts, Bolts, Studs, Washers and also into **Manufacturing of Precision Instrumentation Fittings and Valves.**





PRODUCT RANGE & SPECIFICATION



Stockiest

Pipes & Tubes

Round Bars & Threaded Round Bars

Sheets, Plates & Coils

Wires

Structures : Angle & Channel

Manufacturer

Instrumentation Tube Fittings & Valves

Butt Weld & Forged

Socket weld & Screwed Fittings

Fasteners, Flanges

CNC Turned Components

Air Header, Syphons

Condensate Pots

Thermowell



Material: Stainless Steel, Carbon Steel, Duplex, Super Duplex, Alloy Steel, Inconel, Monel, Titanium, Tantalum, Bismuth, Hastalloy, Copper, Brass, Aluminum, Bronze, Zinc, Lead, Gun Metal, Aluminum Bronze AB2, Phosphorous Bronze.

Standard: DIN, ISO, BS, EN, IS, ASTM, AMS, AISI, ASME, UNS & other European & American Standards.

Packing: Standard and also as per the Customers' Requirement

Length: Standard and also as per the Customers' Requirement



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PIPES

DETAILS

Sizes (Seamless): 1/2" NB - 20" NB

Sizes (ERW): 1/2" NB - 20" NB

Sizes (Spiral): 24" NB - 72" NB

Sizes (LSAW): 24" NB - 90" NB

Types: Round, Square & Rectangular.

Wall Thickness: Schedule 5S -
Schedule XXS (heavier on request)

End Preparation: Plain End Pipe,
Beveled End Pipe, Threaded end Pipe, Flanged End Pipe.



MATERIAL

Stainless Steel: ASTM A312 TP 303, 304, 304L, 304H, 310, 316, 316L, 316Ti, 317, 317L, 321, 347, 201, 202, 409Ti, 410, 420, 416, 430, 430F, 431.

Carbon Steel: ASTM A53 Gr. B, A106 Gr. B, API 5L Gr. B, API 5L Gr. X42/46/52/56/60/65/70, A672 Boiler Pipe.

Low Temperature Carbon Steel: A333 Gr. 3/Gr. 6.

Duplex Steel: 2205, 31803, UNS S31803 (F51), UNS S32205 (F60/1.4462)

Super Duplex: 2507, UNS S32750 (F53/1.4410), S32760 (F55/1.4501), UNS S32550, UNS S39274

Alloy Steel: ASTM A335 Gr. P5/ P9/ P11/ P22/ P91.

Nickel Alloys: Inconel, Monel, Titanium, Tantalum, Bismuth, High Speed Steel, Hastalloy C276.

Non Ferrous Metal: Copper, Brass, Bronze, Zinc, Lead, Aluminum.

Make: TubaCex, Sandvik, Sumitomo, Jindal, MSL, ISMT, PSL, OCTL, Ratnamani, Welspun, Tenaris, Schoeller bleckmann, RathGibson, Schulz, Marcegaglia, Mueller Copper Products, TPCO, Corus, Mahalaxmi Seamless, Kobe, Nakata, and many more.





PIPES FITTINGS

FLANGES

DETAILS

Sizes: 1/2" NB to 48" NB.

Thread: F-NPT, BSPT, ISO or ACME Threads

Specification: ASTM, AISI, ASME, DIN, UNS

Class: 150#, 300#, 600#, 900#, 1200#, 1500#, 2500#, Table D, Table E.

Types: Blind Flanges, Spectacle Blinds, Slip-on, Weld neck, Blind, Socket weld, Threaded, Lap joint, Ring Joint, Threaded Reducing, Orifice, Reducing Flanges, Square Flanges, WNRF Flanges, BLRF Flanges, SORF Flanges, RTJ Flanges, Plate Flanges, SAE Flanges & As Per Customer's Specification.



MATERIAL

Stainless Steel: 201, 201Cu, 202, 202Cu., 303, 304, 304L, 304H, 310, 316, 316L, 316Ti, 317, 317L, 321, 347, 409Ti, 410, 420, 420B, 416, 430, 430F, 431.

Carbon Steel: A105, A181, A350 LF2/LF3/LF6, A694 F42/F46/F52/F56/F60/F65/F70.

Duplex Steel: 2205, 31803, UNS S31803 (F51), UNS S32205 (F60/1.4462)

Super Duplex: 2507, UNS S32750 (F53/1.4410), S32760 (F55/1.4501), UNS S32550, UNS S39274

Alloy Steel: A182 F5/F9/F11/F12/F22/F91/F92.

Copper: C54400, C63000, C83600, C84400, C86300, C83300, C85400, C86700, C89550, C61400, C92200, C93700, C95200, C95800.

Nickel Alloys: Nickel N02200, N02201, Inconel N06600, N06601, N00625, N07718, N08800, N08810, N08811, N09925.

Others: Monel, Hastalloy, Copper, Brass, Bronze, Zinc, Lead, Aluminum (Alloy 5022/5083/5086/6061/6066), Titanium (Grade 1/2/4/5/7/9/12), Zirconium (R60702, R60705), Copper Nickel (C70600, C71500), Tantalum (R05200, R05252, R05255, R5400)





PIPE FITTINGS

VALVES



DETAILS

We stock and deal in all types of industrial valve.

We Can Supply valves of reputed makes like AUDCO, L&T, ZOLOTO, CRANE, FLOWJET, SAP, INTERVALVE etc.

Application: Gas Sampling lines, Pneumatic systems, Industrial R O Plants

NEEDLE & GAUGE VALVES

Needle Valves are specially designed with packing below the threads. This Design increases the life of the packing & Spindle Threads.

Size: 1/8" to 1" with Double Ferrule Tube Connection

End Connections: NPT, BSP, BSPT Thread Male/Female connections with max. Working pressure 10,000psi.

Others: Manifold Valves, Forged Steel Valve, Globe Valve, Diaphragm Valve, Gate Valve, Plug Valve, Butterfly Valve, Pinch Valve, Check Valve, Safety/ Relief Valve, Reducing Valve





PIPES FITTINGS

BUTT WELD FITTINGS

DETAILS

Size (Seamless): 15" NB to 600" NB

Size (Welded): 150 NB to 1200 NB

Specification: ASTM, AISI, ASME, DIN, UNS

Wall Thickness: Schedule 5S - Schedule XXS (heavier on request)

Product Range: Elbow, Tee, Reducer, Return Bends, Stub – Ends, Cap, Collar, Cross.



DESCRIPTION

Elbow: 45, 90, 180 Degree Elbow in seamless and welded Form in long radius and short radius

Reducer: Concentric Reducer & Eccentric Reducer

Tee: Equal Tee, Unequal Tee

These are designed as per the international quality standards and are leak proof and resistant to corrosion.

MATERIAL

Stainless Steel: 201, 201Cu, 202, 202Cu, 303, 304, 304L, 304H, 310, 316, 316L, 316Ti, 317, 317L, 321, 347, 409Ti, 410, 420, 420B, 416, 430, 430F, 431.

Carbon Steel: ASTM A234 WPB, A420 WPL3, A420 WPL6, MSS-SP-75 WPHY 42/46/52/56/60/65/70.

Duplex Steel: 2205, 31803, UNS S31803 (F51), UNS S32205 (F60/1.4462)

Super Duplex: 2507, UNS S32750 (F53/1.4410), S32760 (F55/1.4501), UNS S32550, UNS S39274

Alloy Steel: ASTM A234 WP1/WP5/WP9/WP11/WP22/WP91. Chrome Moly Steel – A182 F5/F9/F11/F12/F22/F91/F92.

Nickel Alloys: Inconel, Monel, Titanium, Tantalum, Bismuth, Hastalloy.

Non Ferrous Metal: Copper, Brass, Bronze, Zinc, Lead, Aluminum, Gun Metal.

Application: Water supply pipe lines, Industrial Food processing pipeline and in various other fluid transfer piping systems.





PIPES FITTINGS

FORGED SOCKET WELD & SCREWED FITTINGS

PRODUCT RANGE

Elbow, Tee, Union, Cross, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet, Full Coupling, Half Coupling, Reducing Coupling, Pipe Cap, Hex Head Bushing, Hex Head Plug, Square Head Plug, Round Head Plug, Swage Nipple, Hex Nipple, Pipe Nipple, Barrel Nipple, Parallel Nipple, Hose Nipple, Street Elbow, Bull Plug, Boss, Adapter, Long Stubend, Short Stubend, End Cap



Size (Socket weld & Threaded): 15" NB to 100" NB

Class: 3000#, 6000#, 9000#.

Specification: ASTM, AISI, ASME, DIN, UNS

MATERIAL

Stainless Steel: ASTM A182 F201, 201Cu, 202, 202Cu, 303, 304, 304L, 304H, 310, 316, 316L, 316Ti, 317, 317L, 321, 347, 409Ti, 410, 420, 420B, 416, 430, 430F, 431

Carbon Steel: ASTM A105, A694 F42/46/52/56/60/65/70, A350 LF3/LF2.

Duplex Steel: 2205, 31803, UNS S31803 (F51), UNS S32205 (F60/1.4462)

Super Duplex: 2507, UNS S32750 (F53/1.4410), S32760 (F55/1.4501), UNS S32550, UNS S39274

Alloy Steel: ASTM A182 F1/F5/F9/F11/F22/F91.

Nickel Alloys: Inconel, Monel, Titanium, Tantalum, Bismuth, Hastalloy.

Non Ferrous Metal: Copper, Brass, Bronze, Zinc, Lead, Aluminum, Gun Metal.





ROUND BARS



DETAILS

Size: Drawn & Turned from 1mm to 150 & Forged Bright Bar 150 - 400mm

Length: 3 Meter to 7 Meter and also as per Customers requirement.

Shape: Round, Square, Hex, Rectangle

Type: Black, Bright & Threaded



MATERIAL

Stainless Steel:

200: 201, 201Cu, 202, 202Cu.

300: 303, 304, 304L, 304H, 310, 316, 316L, 316Ti, 317, 317L, 321, 347.

400: 409Ti, 410, 420, 420B, 416, 430, 430F, 431.

Carbon Steel: EN-8, EN-9, C-40, C-45, C-55, SAE 1040, SAE 1045 and SAE 1050.

Duplex Steel: 2205, 31803, UNS S31803 (F51), UNS S32205 (F60/1.4462)

Super Duplex: 2507, UNS S32750 (F53/1.4410), S32760 (F55/1.4501), UNS S32550, UNS S39274

Alloy Steel: EN 19, EN 24, EN 31, EN 36, EN 353, SAE 8620.

Nickel Alloys: Inconel, Monel, Titanium, Tantalum, Bismuth, High Speed Steel (M2, M3, M4, M35, M42), Hastalloy (C276) Non Ferrous Metal: Copper, Brass, Bronze, Zinc, Lead, Aluminum, Gun Metal, Aluminum Bronze AB2, Phosphorous Bronze. Others: Mild Steel, 630 i.e. 17-4 PH, Hot Die Steel (H 11/13/21), Tool Steel P 20 (1.2311 & 1.2378)

Applications: Machined Components, Pump Shafts, Valves, Fasteners, Machine Tools, Dairy Equipment's, Surgical & Medical Parts, Threaded Bars, Studs, Bolts, Pins, Hinges and Handles.





TUBES

DETAILS

Sizes (Seamless): 6mm OD to 60mm OD

Sizes (ERW): 6mm OD to 60mm OD Wall

Thickness: 0.5mm to 20mm

Specifications:

ASTM A/ASME SA213/A249/A269/A312/A358

CL. I to V ASTM A789/A790



MATERIAL

Stainless Steel:

200: 201, 201Cu, 202, 202Cu.

300: 303, 304, 304L, 304H, 310, 316, 316L, 316Ti, 317, 317L, 321, 347.

400: 409Ti, 410, 420, 420B, 416, 430, 430F, 431.

Carbon Steel: BS/3059/90/Part I/320, BS/3059/90/Part II/360, BS/3059/90/Part III/440, ASTM A210/A-1/C, DIN/17175/ST35.8/ST45.8, DIN 2391 ST 35/45/52, ASTM A178/A/C/D, BS 6323 Part V/1/2/3

Duplex Steel: 2205, 31803, UNS S31803 (F51), UNS S32205 (F60/1.4462)

Super Duplex:

2507, UNS S32750 (F53/1.4410), S32760 (F55/1.4501), UNS S32550, UNS S39274

Alloy Steel: ASTM A335 Gr. P5/ P9/ P11/ P22/ P91.

Nickel Alloys: Inconel, Monel, Titanium, Tantalum, Bismuth, High Speed Steel, Hastalloy C276.

Non Ferrous Metal: Copper, Brass, Bronze, Zinc, Lead, Aluminum

Make: TubaCex, Sandvik, Sumitomo, Jindal, MSL, ISMT, PSL, OCTL, Ratnamani, Welspun, Tenaris, Schoeller bleckmann, RathGibson, Schulz, Marcegaglia, Mueller Copper Products, TPCO, Corus, Mahalaxmi Seamless, Kobe, Nakata, and many more.





INSTRUMENTATION FITTING & VALVES

Tube Fittings



DETAILS

Tube to Male Pipe Thread: Male Connector, Bulk Head Male Connector, Male Elbow, 45 Male Elbow, Male Branch Tee, Male Run Tee.

Tube to Female Pipe Thread: Female Connector, Bulk Head Female Connector, Female Elbow, Female Run Tee, Female Branch Tee

Tube to Tube: Union, Reducing Union, Bulkhead Union, Union Elbow, Union Tee, Union Cross.

Port Connector: Reducer, Bulk Head Reducer, Port Connector, Reducer Port Connector, Male Adapter, Female Adapter

Tube Ends: Cap, Plug.

Weld Fittings: Tube Socket Weld Union, Male Pipe Weld Connector, Tube Socket Weld Elbow, Male Pipe Weld Elbow- Special Fittings: Integral Flange Connector

Spare Components: Back Ferrule, Front Ferrule, Nut

Pipe Fittings



DETAILS

Close Nipple, Hex Nipple, Hex Reducing Nipple, Hex Long Nipple, Adaptor, Reducing Adaptor, Hex Coupling, Nipples, Hex Reducing Coupling, Elbow, Tee, Cross, Plug

Size: 1/8" to 2"





AIR HEADERS

DETAILS

Size: As per the Customers' Requirement & Specifications

Description: These air headers/distribution manifolds are equipped with Needle/ Ball valves and prime quality materials. These can be easily mounted on wall or on pipe stand and available up to 2 x10 outlets with equal spacing and positioned to meet specific requirements.

Material: All Grades in Stainless Steel, Carbon Steel, Alloy Steel



SYPHONS

DETAILS

Size: 1/4" to 1" pipe, sch-40, 80,160 & XXS
End Connections Socket Weld, Screwed, NPT, BSP
Male/Female, Swivel type.

Material: Manufactured from seamless Stainless Steel, Carbon Steel & Alloy Steel pipes

Applications: High Temperature & High Pressure Steam



CONDENSATE POTS

DETAILS

Size: As per the Customers' Requirement & Specifications

Description: These pots are available in pipe threads, connections are 3000# to 6000#, half coupling/socket weld connection mounted on 90 Degree angles (Extra connections can be furnished on customers requirement).

Material: Carbon Steel, Stainless Steel, Alloy Steel.

Available with electro polished, Zinc plated or special paint





THERMOWELL

DETAILS

Size: As per Customer's Requirement

Description: A wide range of Thermowells for almost all temperature sensing requirement in High Temperature, High Pressure, and High Velocity, Corrosive and Abrasive media can be offered.

Type: Standard type & Customize configuration, Bar Stock Drilled/Fabricated, Flanged, Screwed, Weldon

Connection: Screwed (BSP / NPT) S/W, Flange.

Material: All Grades in Stainless Steel, Inconel, Monel, Brass, High Nickel Alloy, Carbon Steel, Duplex, Super Duplex etc.



PRECISION CNC TURNED COMPONENTS

DETAILS

Size: As per the Customers' Requirement and Specifications

Description: CNC Turned Components are an integral part of many machines and need to be perfectly made to increase the productivity of any machine where they are inserted.

Our company offers a large assortment of Precision CNC Turned Components that are capable to meet all the International Standard Parameters which is as per the Customers' Requirement and specifications

Application: Gearboxes, Automobile Industry, Hydraulic Industry, Nozzle Industry, Surgical Industry, Oil and Gas Industry, Food and Dairy Industry.

Material: All Grades in Stainless Steel, Inconel, Monel, Brass, High Nickel Alloy, Carbon Steel, Duplex, Super Duplex etc.





TUBE & PIPE CLAMPS

DETAILS

Size: 1/8" to 6"

Description: It eliminates vibrations due to its unique constructions.

Material: These clamps are available in HDPE/PP body with top & bottom steel plates are supplied.



FASTENERS



DETAILS

We are renowned in the industry as a leading Manufacturing & Exporting a Quality assured assortment of industrial fasteners. Our range of fasteners are: Nuts, Bolts & Studs, and Washers

Material: All Grades in Stainless Steel, Inconel, Monel, Brass, High Nickel Alloy, Carbon Steel, Duplex, Super Duplex etc.

SHEETS, PLATES AND COILS

DETAILS

Size: 0.10mm to 4mm and 5mm to 100 mm in thickness.

Form: Sheets, Plates, Coils, Strips, Profile, Circle, Ring, Flats.

Finish: Hot Rolled (HR), Cold Rolled (CR), 2B Finish, 2D Finish, Met Finish, 2B Met Finish, BA Finish, MET PVC Finish, BA PVC Finish, NO8 PVC Finish, Galvanized Coils, CRFH (Cold Rolled Full Hard) Coils.

Material: Stainless Steel, Carbon Steel, Duplex, Super Duplex, Alloy Steel, Inconel, Monel, Titanium, Tantalum, Bismuth, Hastalloy, Copper, Brass, Aluminum, Bronze, Zinc, Lead.





WIRES

DETAILS

Size: 0.10 mm to 9.00 mm (0.004" to 0.350")

Type: EPQ Wires, Spoke Wires, Filter Cage Wire, Rope Wire, Nail Wires, Mesh Wire, Scrubber Wires

Finish: Bright Drawn, Bright Shiny, Matt Drawn, Coated, De-coated

Material: Stainless Steel, Carbon Steel, Duplex, Super Duplex, Alloy Steel, Inconel, Monel, Titanium, Tantalum, Bismuth, Hastalloy, Copper, Brass, Aluminum, Bronze, Zinc, Lead.

Application: Staples, Lashing Wires, Steel Balls, Needles, Kitchenware's, Basket, Cable Trays and many others



STRUCTURES



DETAILS

We are engaged as a leading supplier of tubular steel, hollow sections like: Square Hollow Sections (SHS), Rectangular Hollow Sections (RHS), Circular Hollow Sections (CHS), Angles, Channels, and Beams which are available in metric sizes in standard lengths ranging from 10 mtr to 12 mtr.



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QUALITY ASSURANCE

Quality Assurance at **Matrix Metal and Engg Industry** starts with understanding the Customers Requirement and continues till the customer is completely satisfied with the delivery of products and services.

These products are manufactured using advanced Technology and latest Machinery and Every person in the organization strives hard to deliver **“Excellence”** to the customer by executing each process better than the best.

Our **“Customer – First”** approach sets us apart from the competition which helps us to believe in long – term and mutually beneficial relationship with our customers.

Finished Goods Inspection:


We inspect materials from the customer’s perspective. Finished Goods are inspected as per customer specification for:

- Surface Finish
- Dimensional Properties such as Tolerance, Lobbing, Out-Of-Roundness, Length, Straightness, Properties,
- Packing, Color Coding, Marking.







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