



# MADHUKAR STEEL CENTRE

Distributing Steel Worldwide

Stainless Steel | Carbon Steel | Duplex Steel | High Nickel Alloys  
Ferrous & Non-Ferrous Metals

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## About us

**MADHUKAR STEEL CENTRE** is a formidable player and a leading manufacturer, supplier & exporter in Steel World since last four Decades serving many core industries & OEMs.

We are already exporting our steel products to Europe, US, UK, Middle East, Far East & African Countries.

We have set up our 2 Manufacturing Units, which is managed by Dedicated, Technically Capable & Highly Qualified Management personal along with skilled work force.

We are an **ISO 9001: 2015 Certified Company** , having :

**PED / 97 / 23 / EC AD 2000- MERKBLATT WO ISO 9001 CERTIFIED MANUFACTURING UNITS FOR :**

**UNIT I :** Honed Tubes, Hard Chrome Plated Bars, Bright Bars, Threaded Bars, Fittings, Flanges, Fasteners, Ferrule Fittings & Precision Turned Machined Components.

**UNIT II :** Stainless Steel Seamless & Welded Tubes, Pipes, 'U' Tubes & Corrugated Tubes.

## Machining Processes:

- ❖ Milling
- ❖ Threading
- ❖ Grinding
- ❖ Slotting
- ❖ Honing
- ❖ Heat Treatment
- ❖ Drilling
- ❖ Turning
- ❖ Plating
- ❖ Boring
- ❖ Polishing
- ❖ Assembly



## Production Machineries:

- ❖ CNC Turning Centre
- ❖ Traub
- ❖ Drilling Machine
- ❖ Vertical Machining Centre
- ❖ Automats
- ❖ Milling Machine
- ❖ Lathe
- ❖ Cylindrical
- ❖ Tapping Machine
- ❖ Centreless Grinder
- ❖ Honing
- ❖ Bandsaw



## World Class Measuring Equipments:

- ❖ Profile Projector
- ❖ Plug Gauges
- ❖ Height
- ❖ Vernier Caliper
- ❖ Customized Gauges as per specification
- ❖ Micro Meter
- ❖ Ring Gauges
- ❖ Dial Caliper
- ❖ Slip Gauges



## Product Summary

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## Seamless, ERW & Honed Tubes

**Stainless Steel Specifications :** ASTM A-213, A268, A-269, A-270, A-312, EN 10216-5, EN-10266-5 & Its Equivalent ASME, DIN & EN Standards.

**Stainless Steel Grades :** 304, 304L, 304H, 316, 316L, 316Ti, 316H, 317, 317L, 321, 321H, 301, 310, 310S, 310H, 347, 904L, 446, 410, 420, UNS 31803, 32205, 32750, 31500 Its Equivalent ASME, DIN & EN Standards.

**High Nickel Alloys :** Cupro Nickel, Titanium, Nickel Alloy, Tantalum & Hastalloy.

**Carbon Steel :** ASTM A53 Gr. B, 106 Gr. B, API 5L Grade B, A333 Gr.6 Its Equivalent ASME, DIN & EN Standards.

**Honed Tubes :**

**Grades :** SS 304, SS316, ST.52, A106 Gr.B, EN9 etc.

**Bore Diameter :** 28mm to 900 mm [35.43307 inches]

**Internal Diameter Accuracy :** H7, H8, H9

**Internal Roughness :** RA 0.1um - RA 0.4 um



## Hard Chrome Plated Bars, Threaded Bars, Round Bars & Hex Bars

### Hard Chrome Plated Bars :

**Size Range :** 20mm to 150mm

(Above 150mm can be made as per customer design & specification)

**Maximum Length :** up to 3000mm

**Hard chrome plating thickness :** 25 to 30 Microns

(Above 30 Microns can be made as per customer requirement)

**Threaded Bars :** ASTM A193 Gr B8 Class 1, Gr B8 Class 2, Gr B8M Class 1 & Gr B8M Class 2 .

### Round Bars & Hex Bars :

**Stainless Steel Grades :** 304, 304L, 304H, 316, 316L, 316Ti, 316H, 317, 317L, 321, 321H, 329, 310, 310S, 310H, 347, 904L, 409, 410, 430, 430F, 431, 446, 440B, 440C, UNS 31803, 32205, 32750, 31500 & Its Equivalent ASME, DIN & EN Standards.

**High Nickel Alloys :** Beryllium Copper, Cupro-Nickel C70600 & C71500, Monel, Nickel, Inconel, Titanium, Tantalum, Hastalloy, Nitronic 50/60, Feralium, Phosphor Bronze Alloy, Tin -Bronze Alloy, Leaded Tin Bronze Alloy, Silicon Bronze Alloy etc

**Aluminium :** 2014 T6, 2024 T651, 6061 T6, 6351 T6, 6082 T6, 7075 T6, 6063 T6 etc



# Instrumentation Tube Fittings & Valves

## FERRULE FITTING / TUBE FITTING / INSTRUMENTATION FITTING / COMPRESSION FITTING :

**Union:** Bulkhead Union, Union Elbow, Reducing Union, Male Elbow, Union, Female Elbow, Union Cross.

**Coupling :** Hex Coupling, Hex Reducing Coupling.

**Nipple :** Hex Nipple, NPT Male/Female ISO Parallel, NPT Male/Female ISO Tampered.

**Adapter :** O-Seal Pipe, O –Seal Straight, Male Adapter, Female Adapter, Male/Female ISO Parallel, & Tampered.

**Tee :** Male Branch Tee, Male Run Tee, Female Branch Tee, Union Tee, Female Run Tee.

**Plug Reducer :** Plug, Reducer.

**Connector :** Back Ferrule, Front Ferrules, Parker Ferrule, Coupling, Cap/Nut, Fitting End Closure, Tube End Closure, Male

Connector, Female Connector, O –Seal Pipe Thread Connector, O –Seal Straight Thread Connector.

## INSTRUMENTATION VALVES :

**TYPES :** Ball Valve, Needle Valve, Gate Valve, Check Valve, Globe Valve, Valve Manifolds, Monoflange Valves, High Pressure Needle Valves, High Pressure Ball Valves, Trunnion Ball Valves, Relief Valve.

Beside the above we can also manufacture and supply any **CUSTOMIZED COMPONENTS** as per the customer's drawing and specifications.

**Available in all below Grades of Stainless Steel & High Nickel Alloys.**

**Stainless Steel :** AISI 304, 304L, 316, 316L, 316Ti, 317L, 321, 309, 310 & 310S, 409, 409M, 410, 420, 430, 431, 440C. Duplex, Super Duplex etc.

**High Nickel Alloy :** Monel, Nickel, Inconel, Hastelloy, Beryllium Copper, 904L, Titanium, Tantalum, Nitronic 50/60 etc.

**Others :** Copper, Brass, Bronze, Bimetal, Aluminium, High Speed Steel, Zinc, Lead etc.

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## FASTENERS :

**TYPES :** Bolts, Nuts, Washers, Anchor Fasteners, Stud Bolts, Eye Bolt, Stud, Threaded Rod, Cotter Pin, Socket Head Screw etc.

**Turned or Machined Nuts :** Castle Nuts, Dome Nuts, Lock Nuts, Wing Nuts, Sleeve Nuts, Studs Washers & other Special Fasteners made as per drawing & specifications.

**Turned or Machined Screws, Bolts & Studs :** Slotted Screws, Bolts & Engineering Studs.

**Plugs & Pins, Washers & Rings :** Turned Plain & Cup Washers, Taper Washers, Special Washers, Adjusting Rings, Pins & Plugs .

Beside the above we can also manufacture and supply any **CUSTOMIZED COMPONENTS** as per the customer's drawing and specifications.

**Available in all below Grades of Stainless Steel & High Nickel Alloys.**

**Stainless Steel :** AISI 304, 304L, 316, 316L, 316Ti, 317L, 321, 309, 310 & 310S, 409, 409M, 410, 420, 430, 431, 440C. Duplex, Super Duplex etc.

**High Nickel Alloy :** Monel, Nickel, Inconel, Hastelloy, Beryllium Copper, 904L, Titanium, Tantalum, Nitronic 50/60 etc.

**Others :** Copper, Brass, Bronze, Bimetal, Aluminium, High Speed Steel, Zinc, Lead etc.





# Precision Turned Machined Components

- ❖ HARD CHROME PLATED BARS
- ❖ PISTON SHAFT
- ❖ HYDRAULIC SHAFT
- ❖ HIGH TENSILE FASTENERS
- ❖ AUTO COMPONENTS
- ❖ SHAFTING / PINS / SPINDLES
- ❖ HYDRAULIC CYLINDER
- ❖ PUMP SHAFT
- ❖ PHINION SHAFT
- ❖ NOZZELS

- ❖ AUTO COMPONENTS
- ❖ SPECIAL BUSHES
- ❖ CONNECTORS
- ❖ TUBE BLANKS
- ❖ MACHINERY SHAFT
- ❖ PRECISION TURNED COMPONENTS
- ❖ VALVE AND PUMP COMPONENTS
- ❖ INDUSTRIAL STUDS
- ❖ THREADED BARS



# Flanges, Forged Fittings, Butt Weld Fittings, Pipe Fittings & Copper Fittings

## Flanges :

Weld Neck, Slip on, Blind, Socket weld, Lap joint, Spectacles, Ring, Joint, Oriface , Long Weld Neck, Deck Flange etc.

## Forged Fittings :

Elbow, Tee, Union, Cross, Bushing, Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nippolet, Letrolet etc.

## Butt weld Fittings :

Elbow, Tee, Reducer, Return Bends, Stub -Ends, Cap, Collar, Cross, Insert etc.

Available in all Grades of Stainless Steel, Carbon Steel, Alloy Steel &  
High Nickel Alloys like Duplex, Super Duplex, Cupro-Nickel etc.

## Copper Fittings For Airconditioner & Refrigerator :

'C' & 'U' Type Crossover Bends, Copper Elbows, Brass Distributors (Copper & Brass), Copper & Aluminium 'U' Bends, Copper Cap, Copper Pipes, Mufflers & Dryers, Reducers (Manifolds), Strainers, Tripods, Tube Bending Series etc



## Sheets, Plates, Strips, Shims & Foils

- ❖ Stainless Steel in Sheets / Plates / Shims / Foils
- ❖ Bimetal, Beryllium Copper, Cupro Nickel in Sheet / Strips
- ❖ Aluminium in Sheet/Plate
- ❖ Designer Sheets
- ❖ Perforated Sheets
- ❖ Chequered Plates
- ❖ Spring Steel Strips



## Contact Us

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