



O M E X P O R T S



**J.K. Sanghvi**

O M E X P O R T S

The first is to fully strengthen our base to improve our works as the most basic element of our competitiveness. If we need to surpass our domestic & global rivals, it is imperative that our employees and facilities perform at the highest levels, and the quality we offer is the highest attainable !

Next important aspect is to comprehensively enhance our brand value..... So, we must focus our strategies on customers and give top most priority for communication with them. The needs of customers must be grasped in order to develop appealing, cost-competitive products useful now and even in future....Further, our service & support systems must work together, more effectively from negotiations to production & quality assurance up to delivery. Employees in every department, including sales, quality and manufacturing, must work as one and focus on the customer.

There are two especially important things which come to my mind....

Firstly, as I have said many times, 'Aim high and work with enthusiasm !' We have infinite creativity despite our limited resources, but we can't fully exercise creativity without these two work habits..... so please take this advice to heart as you tackle new challenges with my full encouragement.

Secondly, always consider how to improve your current ways of doing business and the systems you use. All personnel, including me, need to stress the need for constant improvement in mind as we do our work.

So create a workplace where people can share and nurture a sense of trust ! In addition, implementing the TQM culture, requires communication not only amongst our employees, but with all people present at the workplace....

In this continuously harsh business environment, to overcome hurdles & address challenges, what I expect from you all team members is enthusiastic approach & total participation....



CERTIFIED







## ABOUT US

### Import & Export:

Om Exports is one of the leading organizations in the field of importing and exporting of all types of industrial raw material in all forms like Round, Tubes, Pipes, Plates, Sheets, Hex etc with a specialization in dealing with Special Alloy Steels.

### ISO / IEC 17025 : 2005 Accredited Testing Facility

In order to further enhance the confidence of our valuable customers, we have ensured the reliability of products through our ISO / IEC 17025 : accredited testing facility, Om Metalab Services Pvt. Ltd. This NABL accredited lab caters to Ferrous & Non Ferrous metals for Chemical & Mechanical testing.

### Castings & Cast Components

The decision of introducing one more field to cater the upcoming casting applications, Specilaty Steel Craft Pvt. Ltd. came in to existence, to deliver all types of castings, both Ferrous & Non Ferrous. These are supplied as cast as well as pre machined or fully machined. This well equipped foundry is headed by a veteran Metallurgist in the foundry industry.

### Machined Components

Last but not the least one more mile stone achieved by introducing Unnati Om Exports Pvt. Ltd. This serves the customer by delivering high accuracy and better quality machined components with its sophisticated machining facility.

### Our Vision

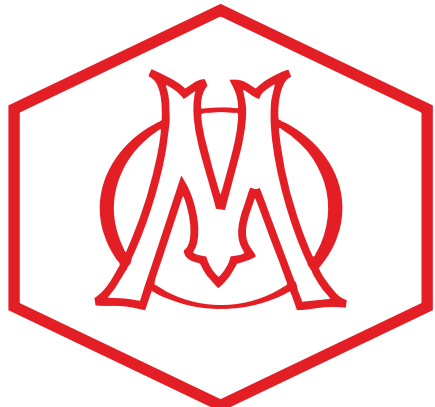
It will be our continuous endeavor of surpass the customer's expectations by establishing new standard of service, state of the art testing and machining facility and rigorous quality assurance plan for every activity.

We shall accomplish this by establishing quality management system and continually improving it by developing an energized and competent team, to enhance the complete customer satisfaction.





**PRODUCTION FACILITY**



All Types of Raw Material

Well Equipped Foundry.

Well Equipped Metal Testing Lab.

State of Art CNC / Conventional Machine Shop.

Fully Equipped Quality Assurance Department.

**WE CONTRIBUTE TO...**




## SPECIALITY STEEL CRAFT PVT. LTD.

The foundry industry and business has grown tremendously over the past few years especially due to increasing input of casting application in almost all sectors. There is still, however, dearth of foundries which are ready to do “ all types of castings”. It is to fill this gap that this foundry was started.

The foundry is located in Talwade, behind Bajaj Auto Ltd. (@ 5 kms from Bajaj Auto, Akurdi plant), Pune, India @ 150 kms from Mumbai.

### What we offer:

S G Iron Castings – Raw and preferably fully-machined, ready-to-use condition with weight range anywhere between a few grams to 225 kgs each pc . We can manufacture castings with sand casting process /CO2 moulding process/ No bake process / Shell Moulding Process .Cast Iron & Graded C.I. in this range is also preferred.

S.S. and High Alloy Steel castings – Heat Resistant Steel Castings as per ASTM A 297 / A297 M and other International Standards - castings used in Heat treatment furnaces with excellent resistance to warping, cracking and thermal fatigue. Also we make Castings in CF8 , CF8M , CF3 ,CF3M , Duplex steel etc.

### Salient Features :

- Medium Frequency Induction Furnace with 300 kg Capacity enabling a single piece casting upto 225 kg
- 2 Crucibles -300kg & 100 kg
- State of the Art Laboratory – Spectrometer for online checking of metal chemistry , Micro structure Analysis & Mechanical testing including Optical Type Hardness Testing Machine
- Green/Silicate Sand / Air Set Sand moulding and Shell Moulding
- Intensive Sand Mixer & Core Sand Mixer
- In-house Shot Blasting and fettling
- Dedicated Shell Moulding facility
- Carbon Equivalent Meter & Temperature Measurement System
- Moulding boxes with various sizes



### Types of orders

- Patterns ready – we will immediately shift patterns to our foundry and make sample castings for approval within 48 hours of pattern receipt
- To develop from drawings – we will make pattern (outsourced activity) within 2 to 4 weeks depending on size and intricacy and make sample castings for approval
- Export orders – we have experience in packing design, container plans, logistics, export customer pulse, export pricing, documentation and making export business sustainable and rewarding to all in the chain
- Once a customer, always a customer – we will sign MOU for 1-2-3 year strategic alliances even for low volume customers to protect mutual businesses.

## OM METALAB SERVICES PVT. LTD.

OM METALAB SERVICES PRIVATE LIMITED is one of India's leading NABL accredited laboratory (ISO/IEC 17025:2005) situated in Pune.

Om Metalab provides quality services in grade identification, Mechanical, Chemical, Corrosion, Positive Material Identification (PMI) as well as Metallurgical testing. The lab is equipped with state of the art equipments, with experienced professionals who will support you in the field of metal testing by understanding the needs of customers.

We Follow National & International Standards Like ASTM, ASME, AISI, GOST, JIS, DIN, BS & IS during the testing, thus we provide our customer accurate and reliable results.







## STAINLESS STEEL

### STAINLESS STEEL / ALLOY STEEL TUBES & PIPES

Seamless & Welded Round and Square in all sizes range from 3 mm OD TO 600 mm OD thickness of 1mm to 50 mm as required by customer.

### STAINLESS STEEL TUBING

Seamless & Welded Round and Square in all sizes range from 1/8" OD to 2" OD, thickness of 0.025" to 1/2" as required by customer in bright, annealed finished.

### STAINLESS STEEL / ALLOY STEEL SHEETS & PLATES

Available in various grades of 304, 304L, 316, 316L, 329, 321, 310, 410, 420, etc. also available in Duplex Steel 31803, 32750, 2205, Inconel, Monel, Hastelloy. Available in thickness of 3 mm to 100 mm/ 200mm as per customer's specification.

### STAINLESS STEEL / ALLOY STEEL RODS

Magnetic & Non-Magnetic in various grades of 304- 304-L, 310, 316, 316L, 321, 329, 410, 420 also available in Duplex Steel 31803, 32750, 2205, Inconel, Monel, Hast Alloy. etc. Ranging from 3 mm to 250 mm DIA in rolled condition and above 250 mm to 1000 mm dia in forged condition. We are specialized in square & hexagonal in all sizes.





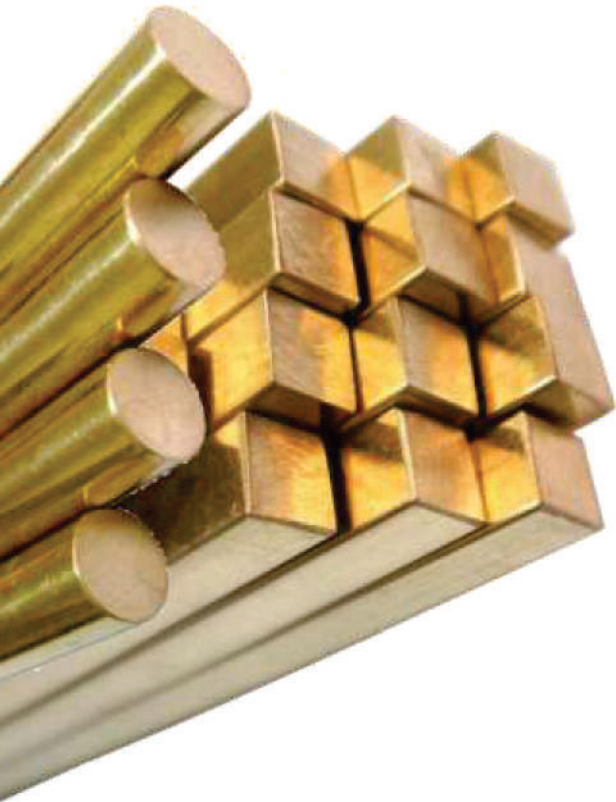


## ALLOY STEEL

Alloy steel is steel alloyed with other elements in amounts of between 1 and 50% by weight to improve its mechanical properties. Alloy steels are broken down into two groups: low alloy steels and high alloy steels. Low alloy steels are defined as having an alloy contents between 1 and 4% and high alloy steels have 4 to 50% alloying contents. However, most commonly alloy steel refers to low alloy steel. These steels have greater strength, hardness, hot hardness, wear resistance, hardenability, or toughness compared to carbon steel. However, they may require heat treatment in order to achieve such properties. Common alloying elements are Molybdenum, Manganese, Nickel, Chromium, Vanadium, Silicon and Bronze. We supply EN series, Spring Steel, SAE 8620, OHNS, WPS, 440C, C45, SAE 1018, ST52, S355j, 39NiCrMo4, all DIN standard in all forms like round bar, sheet, square pipes, square bar, hexagonal and plate



## BRASS & ALLOYS



Brass is an alloy of Copper and Zinc; the proportions of zinc and copper can be varied to create a range of brass with varying properties. In comparison with Bronze it is principally an alloy of Copper and Tin. Despite this distinction, some types of Brass are called Bronze. Brass is a substitutional alloy. It is used for decoration for its bright gold-like appearance; for applications where low friction is required such as locks, gear, bearings, ammunition, and valves; for plumbing and electrical applications.

What we supply - Brass Round, Square & Hexagonal in extruded and drawn form. Free Cutting, Forging, Leaded Brass, High Tensile Brass. As Per customer requirement sizes: 1.58 mm to 203.2 mm (1/6" to 8"). Brass Tubes Imported and Indigenous drawn 63/37 & 70/30 Alloy Round, Square. Sizes available in 1 mm to 158.75 mm OD (1/8" to 6") Thickness 0.274 mm to 6.35 mm, 32 SWG to 3 SWG. Brass Sheets & Strips. Phosphor Bronze, Aluminium Bronze, Gun Metal Rod, bushes, sheets imported & indigenous.



## COPPER, PHOSPHOR BRONZE & GUN METAL



### What we supply

#### Copper Tubes

Imported & indigenous 3 mm OD to 260 mm OD. Refrigeration tubes 0.08" OD, 3/4" OD, in coils of upto 400" long & P.V.C. coated copper tubes etc.

#### Copper Tubes & Bush Bar

E.C. grade quality in 1/4" to 1/2" full hard size, length upto 8" thickness - 20 SWG to 20 mm.

#### Copper Rods

Round, Square, Hexagonal size, 3.2 mm to 102 mm/250 mm.

#### Copper Sheet

Rolled hot & cold drawn electrolytic industrial quality size-width 6.35 mm to 1220 mm thickness 0.25 mm to 25.4 mm.

## ALUMINIUM

Aluminium is a silvery white and ductile member of the boron group of chemical elements. It has the symbol Al, its atomic number is 13. It is not soluble in water under normal circumstances. Aluminium is the most abundant metal in the Earth's crust, and the third most abundant element therein, after Oxygen and Silicon. It makes up about 8% by weight of the Earth's solid surface. Aluminum is too chemically reactive to occur in nature as the free metal. Instead, it is found combined in over 270 different minerals. The chief source of Aluminum is Boxite ore.

Available in Round Bar, Tubes, Sheets, Flats, Strips, Plates, Coils, Foils, Ingots, and Anodized quality grade.





## PIPES, FITTINGS & FLANGES

Elbow 45°, 90°, & 180° Long & Short Radius, Tee Equal-Tee Reducer, Eccentric Reducer, Concentric Reducer, Cap & Flanges.

**Standards:**

DIN, ASA, BS, JIS, ASTM, ASME.

Carbon Steel Seamless Pipe in Grade API 5L/A 106 Grade B / ASTM A671 Grade CC 50, 60, 65, 70 / A 335 Grade P-1, P-5, P-9, P-11, P-22, P-91 etc.

**Size:**

½"NB - 56" SCH-10, 20, 30, STD, 40, 60, XS, 80, 120, 160S, XXS & etc.

**Materials:**

Carbon & Alloy Steel Butt-Weld Pipe Fittings To ASTM A234 Stainless Steel Butt-Weld Pipe Fittings To A304, 304H, 304L, 316, 316H, 316L, MSS-SP-75.







## HYDRAULIC & PNEUMATIC FITTINGS

### Valve Manifold / Ferrule Fitting

- 2 Way Manifold
- 3 Way Manifold
- 5 Way Manifold
- Needle Valve Series
- 2 Way Ball Valves
- 3 Way Ball Valves
- Check Valves

Manifolds are designed for connecting system impulse line & transmission. These manifolds consist of two valve configurations which allow for easy isolation, calibration, block and bleed for gauges, pressure switches and static pressure transmitting instruments. These manifolds are rugged in construction to withstand high pressures and temperatures. The manifolds are rated for pressures as high as 6000 PSI at 200° F or 4000 PSI at 500° F with PTFE Packing.



## STEAM TRAPS

Steam Traps are automatic valves, which drain condensate from steam lines.

They do not allow the condensate to linger in the steam line, which can cause damage to further equipments. They do not leak the energy i.e. steam. Drained condensate has energy in it, so can be reused for other process, so saving energy losses.

Steam traps are essential in various industries, such as huge refineries, chemical complexes, steel mills, paper mills, textile plants, food processing units, hospitals & so many others, wherever steam is utilized. There are types of steam Traps. One of them is Thermodynamic Steam Trap. It has only one moving part, the Disc. They are actuated by principle of Thermodynamic & Fluid Mechanics.

Kinetic energy from the steam & heat energy from the condensate is employed to open & close a valve disc. Mostly advantageous for light condensate loads.



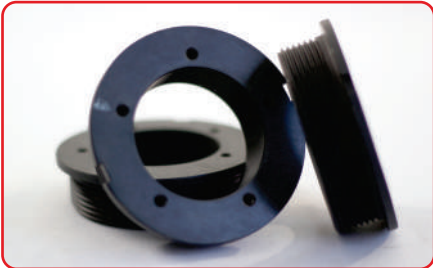
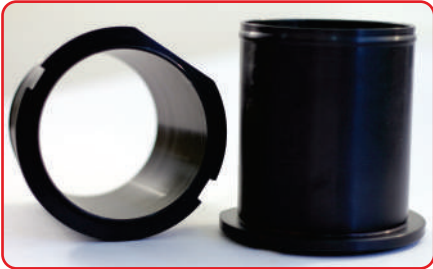
## 'Y' STRAINERS

Strainers have become obligatory, in all types of piping lines flowing with steam, air, water & oil systems. They seize the foreign particles, substances inside the pipe lines and thus prevent them to damage or create nuisance to the valuable devices.



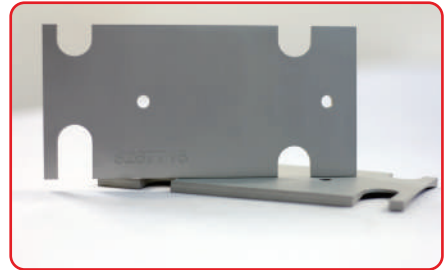


# TANK PARTS

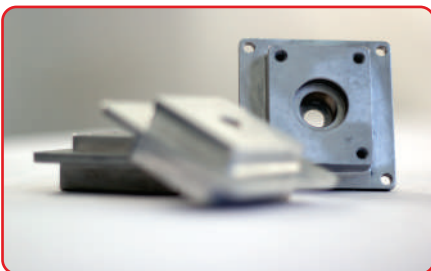




## BRASS SHIMS



## PRECISION MACHINED COMPONENT







# FORMULA OF WEIGHT

- **Weight of Stainless Steel Pipes & Tubes**  
[O.D. (mm)x W.T.(mm) x 0.02466=Kg. per meter
- **Weight of Stainless Steel Sheets**  
Length (Mtr.) x Widht(Mtr.) x Thk(mm) x 8 = Kg. per Sheet
- **Weight of Stainless Steel Circle & Blanks**  
O.D.(mm) x O.D. (mm) xThk (mm) / 160 / 1000 = Kg. per Pcs.
- **Weight of Stainless Steel Round**  
Dia (mm) x Dia (mm) x 0.00623 = Kg. per Meter
- **Weight of Stainless Steel Hexagonal Rods**  
Dia (mm) x Dia (mm) x 0.00679 = Kg. per Meter
- **Weight of Stainless Steel Square Bars**  
Dia (mm) x Dia. (mm) x 0.00787 = kg. per Meter
- **Weight of M.S. Sheets-Plates**  
Length (Mtr.) x Widht (Mtr.) x Thk (mm) x 7.8 = Kg. per Sheet
- **Weight of Copper Pipes**  
[O.D.(mm) – W.T. (mm)]x W.T (mm) x 0.0256 = Kg. per Meter
- **Weight of Lead Pipes (approx)**  
[O.D.(mm) – W.T.(mm)]x W.T. (mm) x 0.0256 = Kg. per Meter
- **Weight of Lead Sheets (approx)**  
Length (Mtr.) x Widht (Mtr.) x Thk (mm) x 11.2 = Kg. per Sheet
- **Weight of Aluminium Pipes (approx)**  
[O.D.(mm) – W.T. (mm)]x W.T. (mm)X 0.0082 = Kg. per Meter
- **Weight of Aluminium Sheets (approx)**  
Length (Mtr.) x Widht(Mtr.) x Thk (mm) x 2.66 =kg. per Sheet
- **Sheets Width Required For Rolled And Welded Pipes**  
[O.D.(mm) – Thk (mm)] x 3.14 = Sheets Width



- Om Exports
- Unnati Om Export Pvt. Ltd.
- Om Metalab Services Pvt. Ltd.
- Speciality Steel Craft Pvt. Ltd.





O M E X P O R T S

**Regd. Office :**

Plot No 37, Tiny Industrial Co-Op Estate,  
Kondhwa Pisoli Road, Kondhwa Bk., Pune - 411 048 (Maharashtra) India  
**Tel. :** +91-020 26930304 / 8446514040 **Telefax :** +91-020-26931155

**Bangalore Office:**

Plont No. 69/3, 3rd Phase,  
6th Main, Peenya Industrial Area,  
P.B. No. 5882, Bangloar - 560058  
**Phone :** +9180-41102267  
**Mob. :** 7259625625

**Mumbai Office**

Room No. 10, Building no.211,  
Laxmi Bhavan,  
2nd Kumbharwada,  
Near Goldeval, Mumbai - 400004.  
**Phone :** 022-68595670  
**Mob. :** 8411915588 / 8408845500

**Dubai Office**

Al Gahroud General Trading LLC  
P.O. Box No.: 46351, Office No.: 112  
Sabkha Bldg., Naif Road, Deira,  
Dubai, UAE  
**Tel. No.:** 04-2270448  
**Mobile:** +97156-3962551

•Pune •Mumbai •Bangalore •Dubai