

# RATNADEEP CASTINGS

"BORN TO CAST WITH QUALITY"



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# About Us

Ratnadeep Castings Manufactures Aluminum Bronze, Phosphorus Bronze, Leaded Bronze, Gunmetal bushes for Maintenance work of forging presses, OEM Machineries & precision .We are serving our resources & products to Automotive, Power plants, Crushing Industries, Oil & Gas, Defense & General Engineering clients.

An ISO 9001:2015 certified company, Ratnadeep Castings founded in the year 2011 in Pune with its vision to be "One stop solution for copper base alloys" ensuring highest quality, excellent service & customer satisfaction. Over the years, this vision has translated into a successful and trusted name in the industry for its high-quality standards.

Today company has earned its reputation as one of the leading manufactures as well as exporter of quality castings of phosphorus Bronze, Aluminum Bronze & Gunmetal confirms to IS, BS, DIN, JIS, UNI, & ASTM as well as to the other international specification. To maintain the standard of quality products the plant has highly sophisticated machineries and equipment's which are professionally supported by qualified staff.

Ratnadeep Castings team is dedicated for continuous improvement to ensures our best quality products at customer end.

## Directors Cut

I take this opportunity to thank our valued customers, whose continued patronage and confidence in our products inspire us to extend the best of services and enables us to provide value for their money. Being dedicated to setting the "Standard of Excellence" for Quality service & price by which all companies in forging field, OENI field & Automobile sectors industries will be measured.

We are committed to total customer satisfaction by identifying their specific needs continuously providing Quality products and providing on time delivery,

This commitment is the corner stone of our Quality policy and we strive to achieve it by putting into place a Quality system.

We plan to achieve this good through our strength- the employees and continuous involvement in achieving the company objective.

I therefore seek continued patronage of our valued customers, co-our

employees and thank our well-wishers who have contributed to the growth of organization

seek their

operation of





# Our Customers

- Bharat forge LTD
- Mahindra & Mahindra group
- Kalyani group
- L & T group
- Michell Bearings (U.K.)
- Qatar Steel (Export Qatar)
- Thyssenkrupp Industries pvt | td.(Germany)
- SMI Amtech Group
- Elecon Engineering
- Western heat & forge ltd |
- M & M forging
- Ramkrishna Forgings ltd.
- Varroc Engineering pvt ltd.
- & other listed companies...

## APPLICATIONS



• Automobile Industry



• Forging Industry



• Power Generation Industry



• Cement Industry



• Sugar Industry



• Mining Industry



• Oil & Gas Industry



• Marine Industry



• Material Handling Equipment Industry

# Our Profile



## Mission

The company's mission is to be reliable quality conscious and price friendly player in the industries and has earned the satisfaction of Indian as well as international customer. We will strive to attain leadership in the markets we choose to serve by creating innovative and differentiated products that would be molded with impeccable quality.



## Vision

To be preferred, successful and trusted long term to clients, associates & our employees. For this to be possible, we will be viable and relevant through practical innovation and continuous focus on efficiency & consistency.



## Quality Policy QQ.

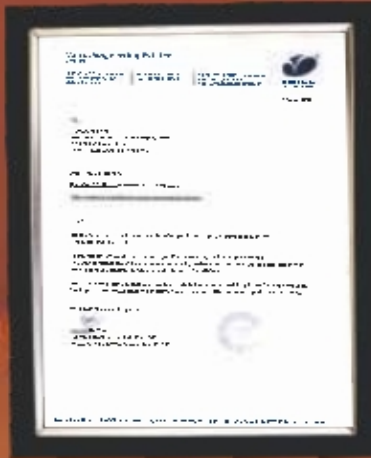
"We at Ratnadeep Castings are committed to Manufacture and supply Non Ferrous Centrifugal Castings to meet customer expectations like Quality products, on time delivery & applicable requirements, which is achieved by nurturing the work culture of Team work, Innovation, Optimum Utilization of Resources and continually improving the effectiveness of the Quality Management System."



# Our Profile



appreciation letter  
bharat forge



appreciation letter  
varroc



## Strength

Our Qualified, Skilled and Experienced team is our strength. This team is successful to maintain the Quality at customers end because of leadership of our Director Mr. Laxman Shinde is Masters in Metallurgy from COER Pune and has a 22 years of huge experience in casting industry. Using this experience, he always gives a Midas touch to our team and give the best quality product with minimum cost to our customers

## Credentiels

Ratnadeep castings is an ISO 9001:2015 Certified company and is well maintain the documentation and Trackability of the products. The company's product quality is approved by the well-known companies in India like Bharat forge Ltd, Varroc Engineering pvt.Ltd. For centrifugal castings/land machineries.



# Infrastructure

Ratnadeep Castings occupies a 40000 sq. feet, state of art centrifugal casting facilities in Pune, Maharashtra, India. To cater growing demand of the customers for highest Quality Castings with timely delivery. We have invested good amount of time and money in the best modern facilities. Our fully integrated casting facilities remains flexible to Cast and finish a wide variety of casting facilities remain flexible to cast and finish a wide variety of special castings and customized finished components.

## Usage of Space

1. Casting Department: 8000 sq. feet
2. Machining Department: 6000sq. feet
3. Dispatch & Packing: 4000 sq. feet
4. Raw material Space: 2000 sq. Feet
5. Office: 2000 sq. feet
6. Parking space: 4000 sq. feet



**Induction Furnace Panel**



**Crane**

## THE SAFETY AND ENVIRONMENT COMPLIANCE

Educating the staff & labours on site for achieving and completing the work with '0' Accident.

1. Providing general PPE Material
2. Arranging safety meetings every fortnight
3. Induction of Workers
4. Plant & Machinery Inspection
5. Providing First Aid Kit with Medicines at site
6. All the sites working staff is covered with "Workman Compensation Policy & also provides CAR Policy"
7. Site Barricading as per requirement.
8. Sign boards at entrance, exit, turning etc.
9. Proper sanitation facility at site.
10. Applying Hot work Permits on site.

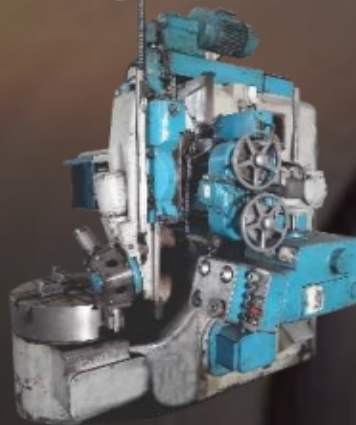
# Machines - 8L Equipment's

## Machines & Equipment's

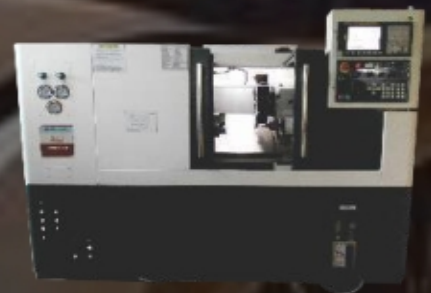
VTL Chuck dia 1.5m X Height  
1.25 m for facility of finished  
machining



VTL Chuck Dia 1.0 m X Height  
1.25 m for facility of finished  
machining



VMC machine  
2 m X 2 m X 1 m



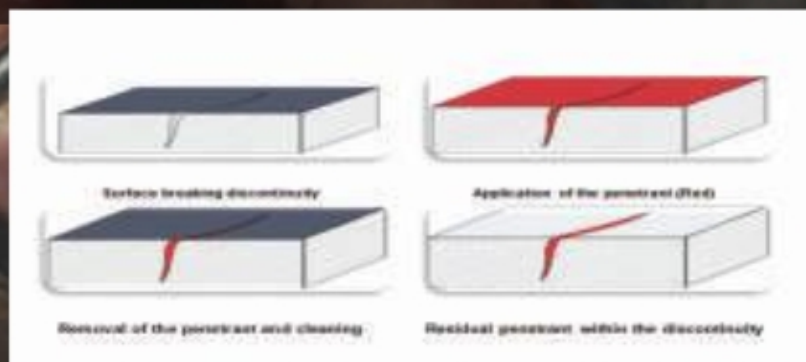


# Equipments

1. Induction furnace for melting (250kg capacity)
2. Oil fired furnace for melting (3000 kg capacity)
3. Horizontal centrifugal casting machine (0.100 kg to 20 kg Capacity)
4. Horizontal cantilever centrifugal casting machine (10 kg to 600 kg capacity)
5. HorizOnta | Cantilever centrifugal Casting machine (600 kg to 6000 kg capacity)
6. Overhead cranes 3 ton - 2 nos. 5 ton - 1 nos.
7. Heavy duty lathe machine for machining
8. VTL Machine for machining - 2 nos.
9. Generator having a capacity 500 KVA
10. VMC machine 2 m X 2 m X 1 m

## Die Penetration Test

At Ratnadeep Castings, We use the oldest and simplest NDT Inspection method for the inspection of the Casting products. This method is used to reveal surface discontinuities by bleed out of colored or fluorescent dye from the flow. The technique is based on ability of liquid to be drawn into a "clean" surface discontinuity by capillary action. After a period of time called the "dwell time" excess surface penetrant is removed and a developer applied. This act as a blotter that draws the penetrant from the discontinuity to reveal its presence.





# Spectrometer

At Ratnadeep Castings, we are well equipped with high efficiency testing machine like modern spectrometer and a wide array of TQM systems. Testing of copper alloys through the state of art of the art Electro Photo spectrometen not only ensures correct chemical composition but also stills in us a confidence to guaranty quality. Ratnadeep Castings develops the manufacturing process for every single customer to fulfills the mechanical and chemical properties of the material required by the customer. IVIolten metal samples from the furnace are subjected to test with optical emission spectrometer to certify exact chemistry required by the customer.



# Product Range

We are Manufacture the bushes from small size to large size

## Product Range

- Outer Diameter
- Inner Diameter
- Length Range
- Product weight capacity

## Capaci

- 60 mm to 3000 mm
- 50 mm to 2800 mm
- 10mm to 4000mm
- 0.100 kg to 8000 kg in single piece.



## Propeller



## Raw material ingots



# Heavy Duty Machining



# Our Products



**Spherical Copper bush**  
Ø 580mm



**Aluminium Bronze**  
Ø 1628mm



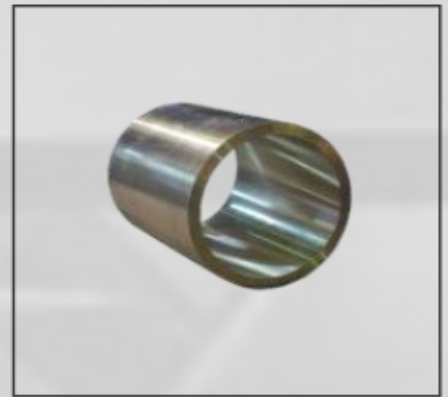
**Phosphorous Bronze**  
Ø 1700mm



**Bushes with Oil groove**



**Oilless bushes**



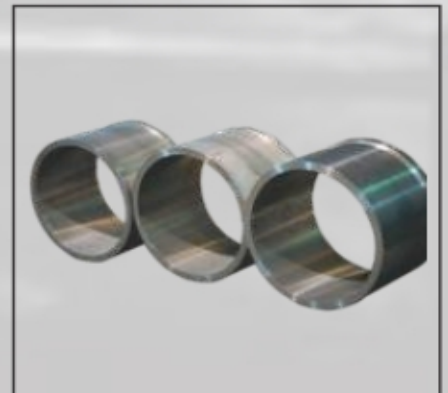
**Phosphorous Bronze**  
Ø 550mm



**Phosphorous Bronze**  
Ø 810mm



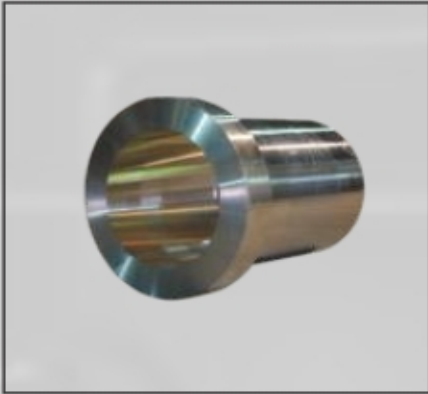
**Phosphorous Bronze**  
Ø 600mm



**Leaded Tin Bronze**  
Ø 508mm



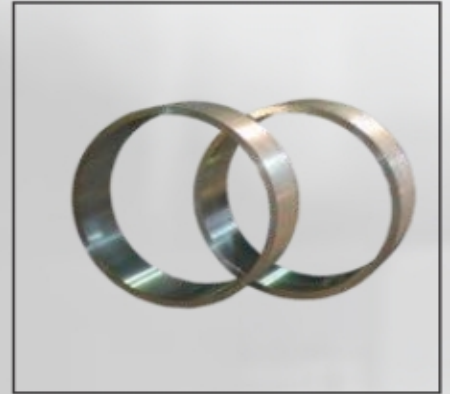
# Our Products



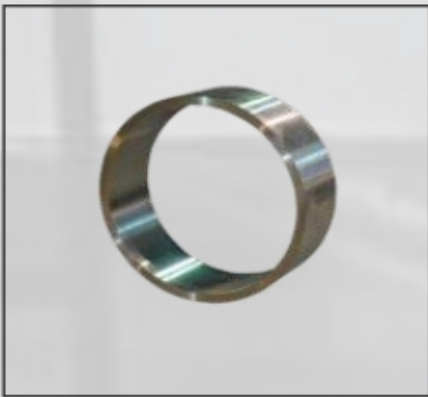
**Phosphorous Bronze**  
**Ø 740mm**



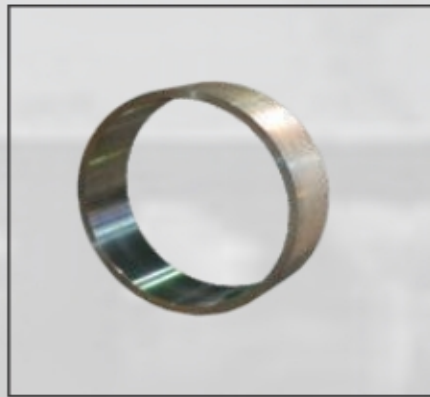
**Tin Bronze**  
**Ø 920mm**



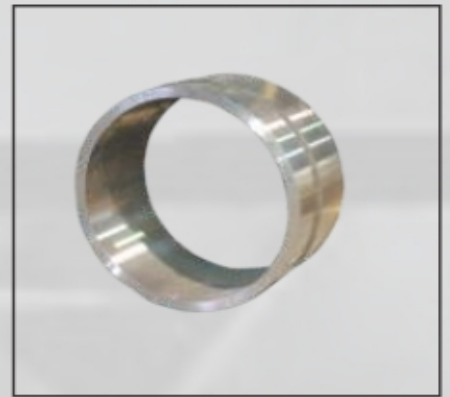
**Leaded Tin Bronze**  
**Ø 600mm**



**High Tensile Brass**  
**Ø 500mm**



**Brass Ø 950mm**



**Nickel Bronze**  
**Ø 980mm**



**Nickel Tin Bronze**  
**Ø 800mm**



**Brass Ø 660mm**



**Nickel Bronze**  
**Ø 800mm**

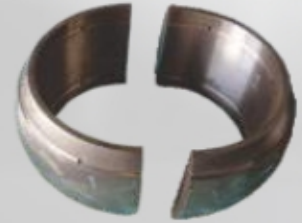
# Our Products



**Aluminium Bronze  
Ø 760mm**



**Leaded Tin Bronze  
Ø 580mm**



**Bronze Ø 580mm  
Split type**



**Bronze Ø 300mm  
Trust bearing**



**Ø 550mm Bimetallic  
flame proof crane wheel**



**Ø 1220mm  
Split bush**



**Nickel Bronze  
Ø 600mm**



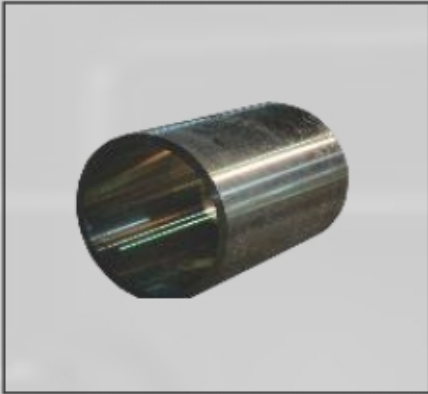
**Brass Ø 500mm**



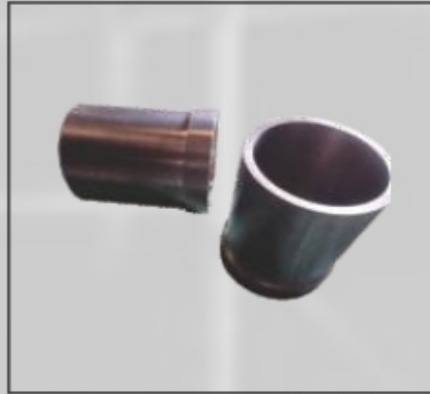
**High tensile brass  
Ø 185mm**



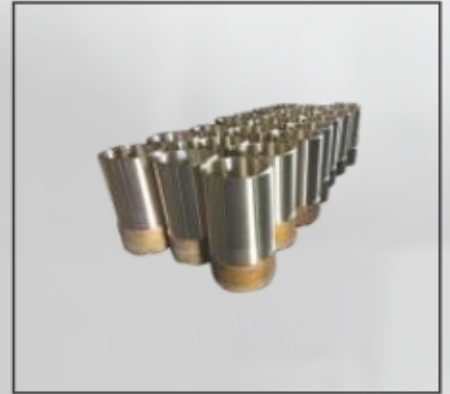
# Our Products



**Leaded tin Bronze**  
Ø 800mm



**Leaded brass**  
Ø 400mm



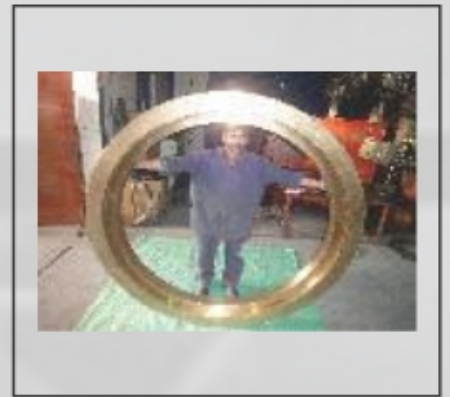
**High tensile brass**  
Ø 175mm



**Bronze Ring**  
Ø 760mm



**brass**  
Ø 250mm



**Aluminium bronze**  
Ø 1650mm



**Leaded bronze**  
Ø 1460mm





**Tin bronze**



**Aluminium bronze  
buses**

# Contact Us



-  Head office & Manufacturing plant
-  Office & Going to open Manufacturing plant
-  Our world wide customer base



## Register office & manufacturing Plant

Gat No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur Tal. Bhor  
Dist - Pune- 412205, Maharashtra, India



ratnadeepcastings@gmail.com  
info@ratnadeepcastings.com



www.ratnadeepcastings.com  
www.ratnadeepcastings.in



09822968395 (India)

[www.ratnadeepcastings.com](http://www.ratnadeepcastings.com) | [www.ratnadeepcastings.in](http://www.ratnadeepcastings.in)