
*MANUFACTURE,
REPAIRS &
SUPPLY OF
PROPELLERS,
SHAFTS, STERN
GEAR,
STERN BUSHES,
RUDDER
ASSEMBLY,
ANCHOR
WINDLASS,
DECK WINCHES,
CAPSTAN &
COOLERS (HEAT
EXCHANGERS),
FOUNDRY
WORKS,
FABRICATION
WORKS*



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Propellers

NAVMUK PRODUCES THE MOST COMPREHENSIVE RANGE OF PROPELLERS BY USING HIGHLY SOPHISTICATED TECHNOLOGIES AND OFFER MORE COMMERCIAL VIABILITY WHEN COMPARED TO OTHER INDUSTRIES.

The finished Navmuk products say it all; the precision and perfection are well evident in the Propellers that are delivered. Our Propeller ranges in various dimensions from 18 inches to 70 inches in diameter having 3, 4, 5, 6 & 7 blades, best crafted for the marine needs. Materials used are Niobrnz, Manganese Bronze, Aluminum Bronze & Stainless steel which meets international standards ISO 484/2 and which have been cleared with the stringent approval of maritime industry by standard classification societies such as IRS, LRS, ABS, and BV.



Stern Gear

THE STERN GEAR EQUIPMENT IS AVAILABLE FOR SHAFTS RANGING FROM 35MM TO 200MM IN DIAMETER AND LENGTH OF 10 METERS.

Our custom and standard products include Stern tubes [M.S, BRONZE, FRP & ALUMINIUM], Tail shafts, Intermediate Shafts, Shaft half Couplings, Flexible Couplings, Shaft Glands, Rudders, Anchors, Cutlass Rubber Bushes & Zinc Anode

Shaft

PROPELLER SHAFTS ARE BUILT TO ISO STANDARDS FOR BOTH THE RECREATIONAL AND COMMERCIAL VESSELS.

Shafts are manufactured from certified raw materials with high dimensional tolerances and surface finish by using CNC machines. The material used is AISI 304, 316, 316L & Duplex Steel graded S.S of various diameter and larger length up to 10 Meters. Also in order to achieve high fatigue strength toughness and high resistance to sea water corrosion. End tapers on the Shaft are machined to achieve maximum contact of bedding surfaces.



Rubber Cutlass Bush

BEARINGS ARE THE INTEGRAL PART OF THE STERN GEAR SYSTEM WHICH IS SPECIALLY DESIGNED FOR THE MARINE APPLICATION.

The bearings are specially made of tough NITRILE RUBBER OR NEOPRENE RUBBER, which are resistant to corrosion and which can withstand abrasion. Rubber and water make the perfect combination for a bearing material and a lubricant. Bearings are further classified into Flange & Flangeless Bearings. Bearings are manufactured to a size of 25mm up to 250mm in diameter & 1000 mm length.

Rudder

THE RUDDERS ARE THE VITAL PART OF ANY BOAT SINCE THE DIRECTION CONTROL IS DONE BY THE RUDDER SYSTEM . THEY ARE MAINLY CLASSIFIED AS A STEEL FABRICATED RUDDER AND CAST RUDDER IN BRONZE.

The Fabricated Rudders are manufactured according to the boat builders requirements and standards. These are manufactured with high-quality mild steel, stainless steel material like S.S 304 or S.S 316 which consists of Shafts & Blade. The cast rudders are mainly used for high-speed crafts. They are specially made of Nickel Aluminium Bronze, Manganese Bronze & Aluminium Bronze.



Kort Nozzle

THE KORT NOZZLE IS USED ALMOST EXCLUSIVELY ON VESSELS REQUIRING HIGH THRUST AT LOW SPEED, SUCH AS TUGS AND TRAWLERS.

Nozzles increases the thrust of the propeller. While comparing to open propellers, the nozzle propeller offers up to 25% more thrust.



Fabrication

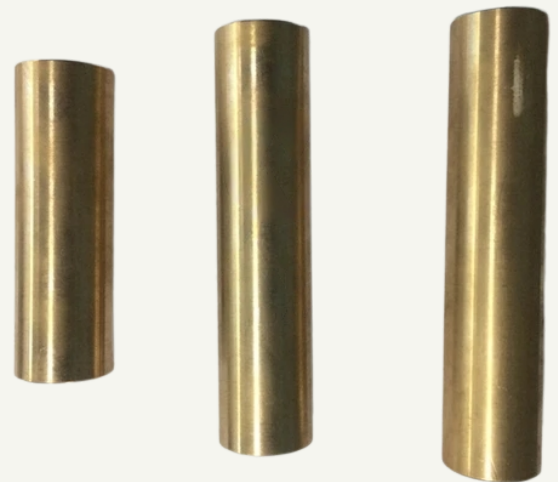
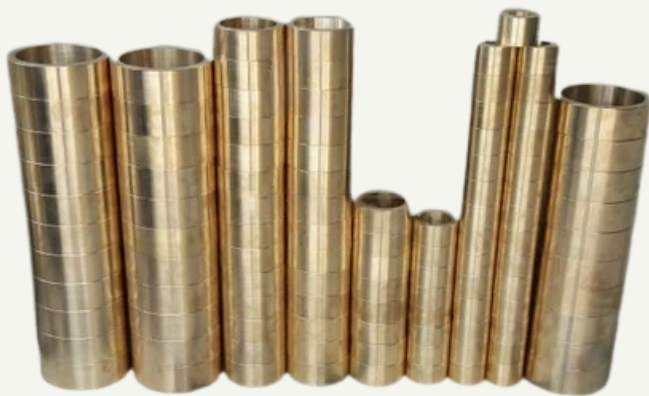
NAVMUK METALS IN DOMBIVALI- HAS PROVEN RESULTS FOR SETTING EXCEPTIONAL STANDARDS IN COST CONTROL, PLANNING, SCHEDULING AND PROJECT SAFETY. WE HAVE AN EXPERIENCE THAT GIVES US A COMPETITIVE ADVANTAGE OVER OTHERS IN OUR FIELD.

Wherever your projects are, Navmuk Metals Service's fully equipped Fabrication Work facilities are strategically located to service your industrial needs. Our team experts Fabrication Contractors are highly-trained structural and mechanical registered professional engineers have great experience in steel fabrication, metal fabrication, machining, processing, drafting, and designing



Non Ferrous Foundry Works

ALL TYPES OF NON-FERROU
CASTINGS, SPECILAISED IN
MANGANESE BRONZE
CASTING, ALUMINUM
BRONZE CASTING,
ALUMINUM ALLOY
CASTING, ALUMINUM
CASTING, PHOSPHOR
BRONZE, CUPRO NICKLE
CASTING HAVING CAPACITY
OF RANGE 1 KG - 1.2 T.



Ferrous Foundry

OUR COMPANY PROFILE IN BRIEF:

- Commenced manufacturing since 1975 (Parent Company: Techno Try)

- Manufacture Steel & Alloy Steel Castings as per the Drawings & Specifications supplied by Customers

- Mission: "To provide optimal Quality and Customer Service by Innovation and integration of leading edge global technologies"

- Thrust on quality of incoming raw materials, process control with advance simulation technology & teamwork

- Manufacture castings weighing from 50 gms to 2 tons (a single piece) using various grades of Alloy Steel, Stainless Steel, Heat Resistance Steels & Special Alloys

- Catering to the requirements of Sponge Iron Plants, Cement Plants, Power Plants, Sugar Industries, Automobile & Material Handling Equipment & General Engineering Industries

- Make Sand Casting (upto 2 Ton single piece), Centrifugal Castings (2,4 ton, Max. Dia.: 1000 mm, Max. Len.: 6 mtr, Min. Dia.: 60 mm, Min Len.:1mtr), Investment Castings & Shell Castings.

PRODUCT LIST

Sponge Iron Plants Kiln Feed Tube, Air Injection Tube, Radiation Heat Protection Tubes, Swirl for Air Tube, Swirl for CB Pipe, Nozzle Plates, C. B. Pipe, Coal Throw Pipe, Thermo Well, Rollers

STEEL PLANTS GALVANIZING ANNEALING

Sink Roll, Stabilizer Rolls, Arms, Bushes, Sleeves, Deflector Roll, Hearth Roller, Single Ended Radiant Tubes, Turn Down Roll, U Type Radiant Tubes, W Type Radiant Tube, Water Cooled Hearth Rollers.... etc.

FURNACE

Diffusers, Hubs, Fans etc. For Air circulation in Bell Annealing, Furnaces, Carburizing Mandrel, Charge Carrier Fixtures for Pit Type Gas Carburizing Furnaces, Liquid Cyaniding / Carburizing Post, Spiders, Tie Rods, Containers, Charge Grids & Trays for Continuous Carburizing Furnaces, Hearth Plates, Hearth Castings, Hearth Rollers, Radiant Tube Assemblies, Shaker Hearth Plates, Rails & Rollers, Base Trays, Spacers, Door Castings, Radiation Heat Protection Tubes



