



Adinath

Create, Enhance & Sustain



**EXTRUDED BARS
& SECTIONS**



**COPPER ALLOY
INGOTS**



**FERROUS & NON-FERROUS
COMPONENTS**

About Us



We started our triumphant journey in the year 1981 as a small family owned unit to manufacture **Brass Electrical Components** in Jamnagar, Gujarat.

In the year 2007, we changed to Private Limited Company & since then we have grown into one of India's leading Manufacturers & Exporters of **Brass Extruded Bars in Solid & Hollow** forms along with a wide range of **Brass & Copper Alloys' Forged, Casted, Turned & Machined Components** having application in Electrical, Earthing, Automobiles, Pneumatic Controls, Railways, Plumbing & Agriculture Industry.

Mission

- 🏠 To be the leader as Manufacturers and Suppliers of **High Quality Copper Alloy Products** across the Globe.
- 🏠 Understand the customer needs and continually **Reinventing** our processes, products, research and development to help them succeed.
- 🏠 Be a **ONE STOP SHOP SOLUTION** that supplies the needed foundation and added business value to help assure long term sustainability.
- 🏠 Provide our associates with a **Positive Work Environment**, full of opportunity for personal and professional development.
- 🏠 Continually strive for **Sustainability and Safety** of our People, Customers and Environment.

Core Values



EXCELLENCE



WORKPLACE
CULTURE



INNOVATION



SYSTEMIZATION



EFFICIENCY



SUSTAINABILITY



Infrastructure

55000

Sq. Ft. Area



Monthly Production

500+

Tons



Well Satisfied

300+

Customers



10+

Applicative Sectors



100+

No. of Shapes



₹150+ Cr

Turn Over



60+

Alloys



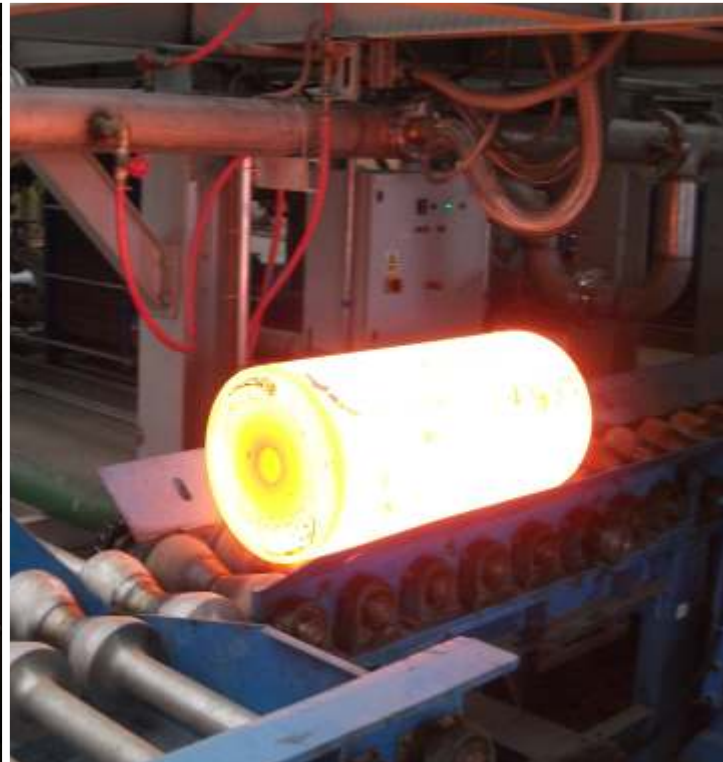
10+

Countries We Export









40+ Years




Experience









Our customer base has a key advantage since our Foundries, Laboratories, Extrusion Mill, Shell Mouldings and CNC Machine shop are **all located on a single site.**







-  Raw Material Storage
-  Billet & Ingot Foundry
-  Billet Casting

-  Ingot Pouring
-  Extrusion Mill
-  Cold Draw

-  Straightening
-  Inspection
-  Forging Press



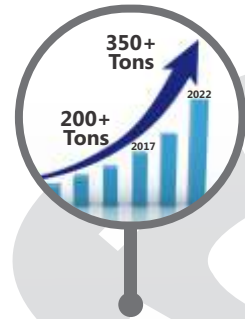
-  Designing & Drawing
-  Die Development
-  Core Shooter Machine
-  Casting/Component Foundry
-  SPM
-  CNC Machining

-  VMC Machining
-  Shot Blasting
-  Laser Marking
-  Assembly
-  Packaging
-  Finish Goods Storage

“ **SUCCESS** is not a destination.
It is a continuous **JOURNEY**
of striving towards your **IMPORTANT**
goals that **NEVER ENDS.** ”

2022

Achieved Monthly
combined Production of
350+ Metric Tons



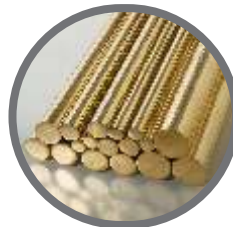
2012

Expanded Product
range with addition
of **Copper Based
Alloy Ingots**



2007

Backward Integration
in the form of
Extrusion Mill to
Produce Brass Bars



1981

Started as a small family owned
unit to **Manufacture Electrical
Components**





2023

Installed Bigger Foundries to increase Production Capacity for **Bars & Ingots**



2025

Pursue **Top Technology** and deploy new resources to contribute on a **Global Scale**

2020

Installed Forging Presses to Manufacture **Ferrous & Non-Ferrous Components**



2018

Installed smaller Foundries to Manufacture **Copper Alloy Casted Components**



2017

Achieved Monthly combined Production of **200+ Metric Tons**









2015

Installed wide range of **CNC and VMC** to Manufacture **Precision Components**



Quality

Adinath is well equipped with high efficiency quality testing equipments. Our **Quality Management System** ensures documented process controls from start to finish.

-  Procurement of raw material
-  Their combination
-  Manufacturing processes
-  Chemical analysis
-  Measurement
-  Inspection



Testing Equipments & Facilities





- | | |
|---|--|
|  Handheld Analyzers |  Digital Micrometers/Calipers |
|  Spectrometer with Arc & Spark Excitation Technology |  Thread Gauges & Ring Gauges |
|  Temperature Control Instruments |  Dial Gauges & Pin Gauges |
|  Hardness Tester |  Torque Testing Machine |
|  Push-Pull Test Machine |  Plating Thickness Tester |
|  Universal Tensile Testing Machine |  Surface Finish Tester |
|  Vision Inspection System |  Air Gauge Unit |
| |  Pressure Leakage Testing Machine |





**"When your people will come alive,
your Business will come alive."**







With the above intention, Adinath focuses on **Employees' Continuous Improvement** through Brain - Storming Sessions & Training Programs to enhance their knowledge, skills & experience resulting in overall improvement in their performance.



-  Kaizen
-  5S
-  Pokayoke
-  Core Tool

-  NPD
-  QMS
-  Problem Solving
-  Lean Manufacturing

-  Leadership
-  Change Management
-  Just in Time
-  TQM

Process Flow Chart



Industries We Cater



Agriculture Industry



Railway Industry



Automotive Industry



Electronic Industry



Hardware Industry



Marine Equipments
















Plumbing Industry



Scientific Equipments

Processes



-  Billet Casting
-  Ingot Pouring
-  Extrusion
-  Shell Moulding
-  One Piece Casting
-  Forging
-  Turning
-  Machining
-  Shot Blasting
-  Laser Marking
-  Drilling
-  Milling
-  Champhering








Metals We Manufacture

-  Brass
-  Copper
-  Aluminium Bronze
-  Lead Tin Bronze
-  Silicon Bronze
-  Phosphor Bronze
-  Manganese Bronze
-  Gun Metal
-  Silicon Brass
-  High Tensile Brass
-  Aluminium
-  Mild Steel
-  Stainless Steel
-  Copper Nickel



Thread



-  BSW
-  MM
-  NPT
-  BSPT
-  GAS
-  UNF
-  UNC







Plating



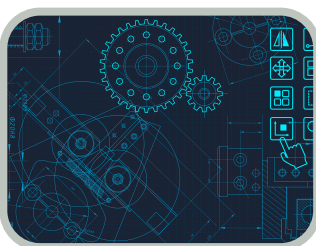
-  Nickel
-  Brass
-  Silver
-  Chrome
-  Tin
-  Zinc



Packaging



-  Wooden Box
-  Wooden Pallet
-  Hessian Cloth
-  Cotton Bags
-  PVC Pipe
-  Cardboard Boxes


Designing



-  2D & 3D Designing
-  Autocad

Casting Range



-  25 Grams to 10 Kgs


Forging Sizes

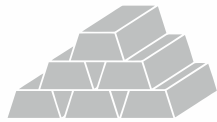


-  50 Grams to 6 Kgs

Machining Sizes



-  1 mm to 200 mm



NICKEL ALUMINIUM BRONZE

Copper + Nickel + Iron + Aluminium + Manganese



ALUMINIUM BRONZE INGOTS

Copper + Iron + Aluminium



BRASS INGOTS

Copper + Lead + Zinc + Tin



COPPER ALLOY INGOTS



TIN BRONZE

Copper + Tin + Zinc + Nickel



MANGANESE BRONZE / HIGH TENSILE BRASS

Copper + Lead + Zinc + Iron + Aluminium + Manganese



LEADED TIN BRONZE

Copper + Lead + Tin + Zinc + Nickel



SILICON BRASS

Copper + Zinc + Silicon + Aluminium



GUN METAL / RED BRASS / BRONZE

Copper + Lead + Tin + Zinc + Nickel



SILICON BRONZE


Copper + Aluminium + Manganese + Silicon




PHOSPHOR BRONZE

Lead + Tin + Zinc + Phosphor

PACKING

 **ADINATH** manufactures wide range of Copper Alloys in the form of **Certified Ingots** weighing from 8-10 kgs each.

 Standard Packaging of **1 Metric Ton** in Wooden Pallet.



SHAPES



SOLID ROUND BARS

Size Range :
Dia 4 mm up to 120 mm



SOLID RECTANGLE BARS

Size Range :
A/F 5 x 6 mm up to 100 x 50 mm



SOLID HEX BARS

Size Range :
A/F 5 mm up to 100 mm



HOLLOW BARS

Outer Diameter : In Round, Hex & Square

Size Range : 30 mm up to 120 mm

Inner Diameter : Round

Size Range : From 20 mm up to 80 mm



SOLID SQUARE BARS

Size Range :
A/F 5 mm up to 90 mm



PROFILES & SECTIONS

As per Customers' Drawing



BAR LENGTH

Length : Up to 4 Meters







Delivery Condition : As Extruded or Cold Drawn

GRADES

Free Machining Brass

 C 36000  IS : 319 Gr - I
 CW614N  IS : 319 Gr - II
 CuZn39Pb3  CZ121Pb3







Forging Brass

 CuZn40Pb2  IS : 8737 MOD
 CW617N  CuZn39Pb2
 IS : 6912 FLB  C 37710







Naval Brass

 IS : 291 Gr - I  C 46400
 IS : 291 Gr - II  C 46500
 CW 712R  C 48500

High Tensile Brass

 IS : 320 HT 1  CZ 115
 IS : 320 HT 2  CW 713R
 CZ 114  CW 721R



Leaded Brass


 CZ 131  CW 622N
 CZ 132  C 35330
 CW 602N  CuZn36Pb2As

Lead Free Brass

 CuZn37  CW 508L
 CuZn40  CW 510L
 CuZn42  CW 511L

PACKING

 PVC Pipe Packing for Small Diameter Rods.
 Hessian Cloth Packing.

 Wooden Box Packing as per Customer requirements.



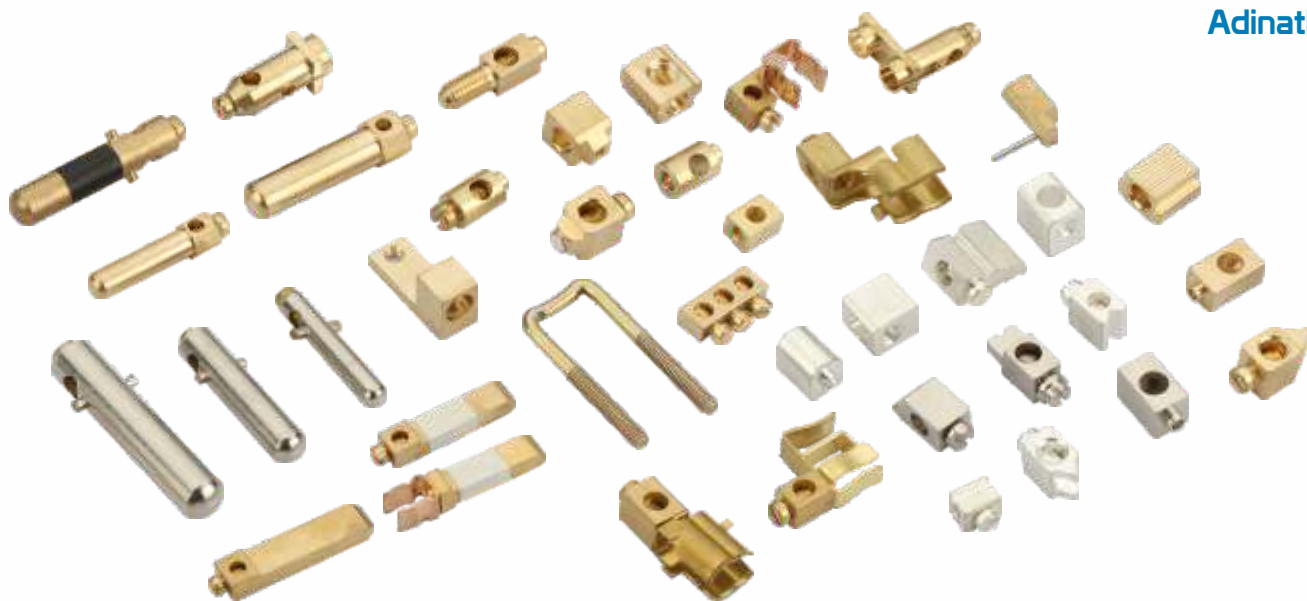
Turned Components



Compression Fittings



Forged & Machined Components



Plugs Sockets & Modular Switch Parts



Neutral Links & Terminals



Panel Board Door Hinges



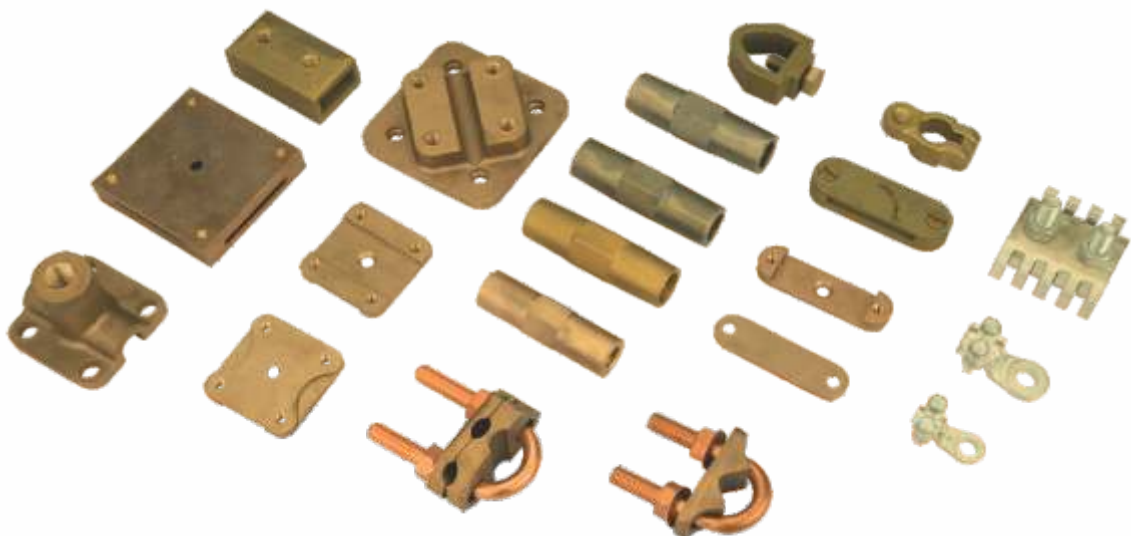
Kit Kat Fuse Unit



Brass Cable Glands



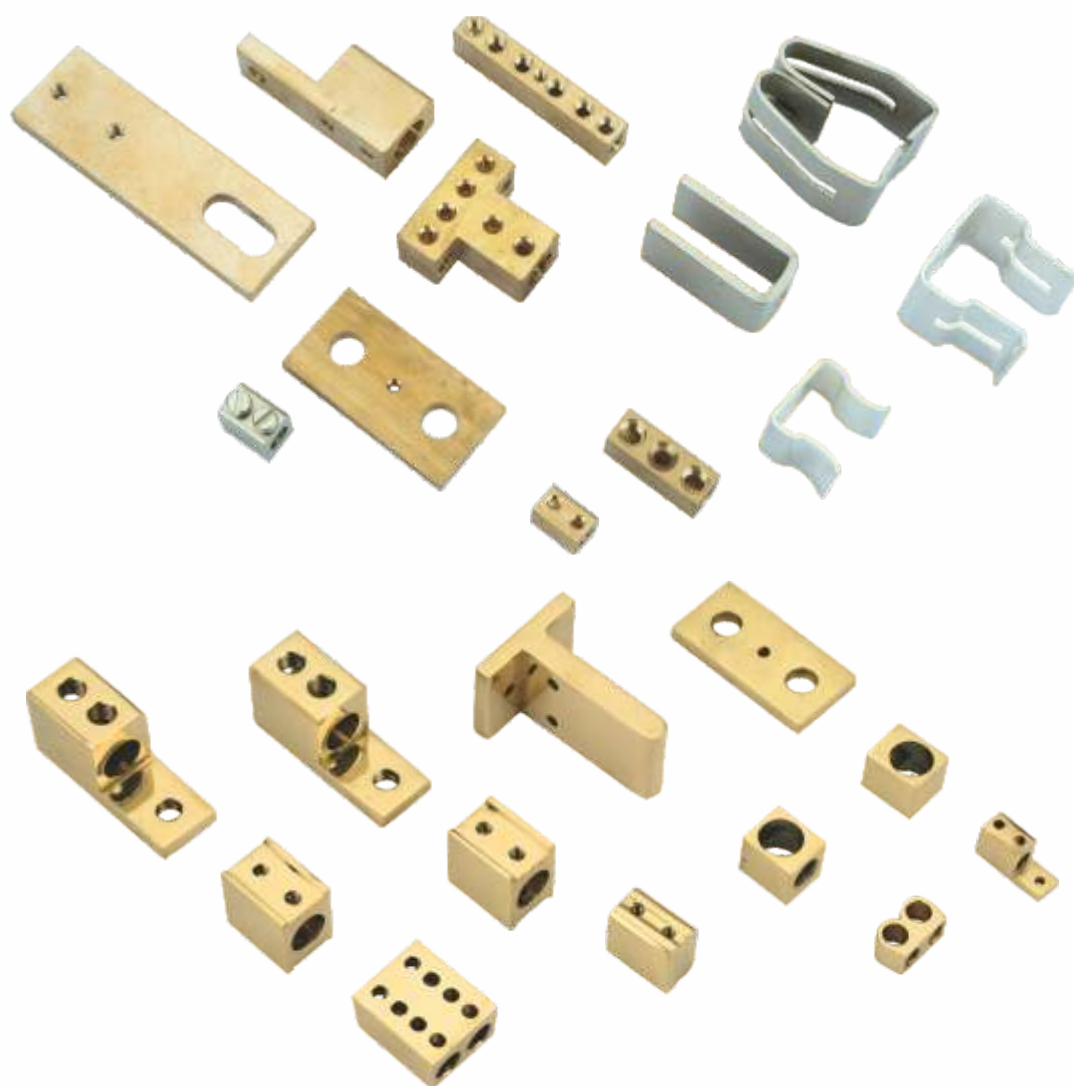
Brass CPVC Fitting Components



Earthing & Grounding Connections



Casted & Machined Components



Fuse and Switchgear Components

Electrical Accessories



Fan Plate
(3", 5" & 7")



Metal Surface Modular Box
(G.I.) (1 to 18 Modular)



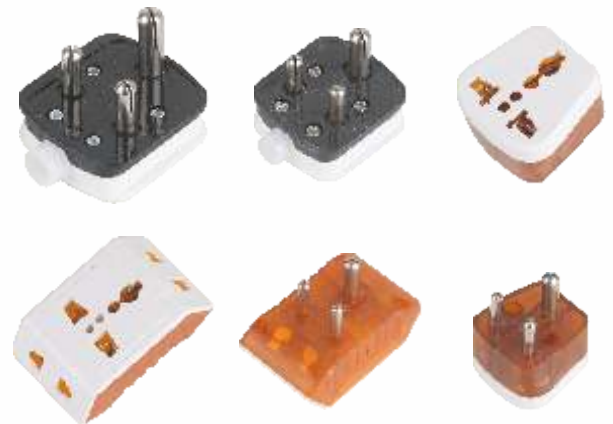
Holder Box



PVC Surface Modular Box
(1 to 18 Modular)



Sealing Rose
(Normal & Jumbo)







Plug & Socket

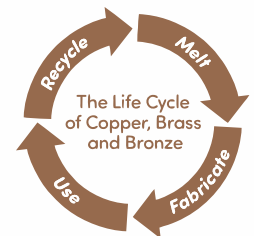
We are committed to minimize our environmental impact by maximum use of **Recycled Materials** and ensure to operate in a way that implement the **Best Environmental Friendly Practices**.

We have invested good amount of time & efforts to create a **Hazardous Free Environment** by installing Fume Arrestors, Filter Bag Houses, Chimneys & Zero Discharge water facility through Effluent Treatment Plant.









Scrap Recycling Policy

-  Copper is an essential element and very valuable to the scrap industry. **Recycling of Copper** is much more economical than to mine.
-  Adinath's scrap recycling policy aims to produce globally competitive products at cost effective price by **Recycling The Generated Scrap Responsibly**, without any loss of performance.
-  We **Recycle** all Casting, Extrusion and Machining process scrap.
-  Our Customers are the primary source of supply for the recycled scrap. Any Copper Alloys that we sell and is not used in our customers' products is **bought back** in the form of end cuts, chips, solid form or swarfs.



Corporate Social Responsibility

-  Reduce the Waste
-  Trees Plantation
-  Improving Labour Policies
-  Diversity, Equity & Inclusion
-  Optimised Overall Performance
-  Philanthropy

Countries We Export



UK



Russia



Europe



Middle East



USA



China



Japan



Srilanka

CONNECT WITH US

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