

**PURE 99.99%**  
**COPPER CATHODES**  
**GRADE 'A'**  
**ETPOXYGEN FREE**  
**PHOSPHORISED**

## High Conductivity Copper

The Metal of Civilization



BUS BARS | COMPONENTS | PROFILES / SECTIONS | EARTH TAPES | EARTH RODS

CITIZEN METALLOYS LTD.



## CITIZEN METALLOYS LTD.

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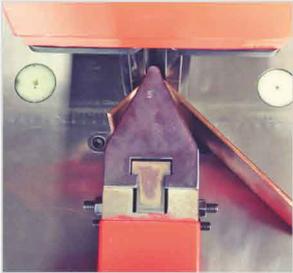
Citizen Metalloys is a leading manufacturer of world class copper products made of copper and copper alloys. As a company with deep expertise we have always offered ground-breaking technologies, service concepts and solutions tailored to the market and world class quality. We offer Copper Bus Bars, Rods, Components, Sections, Earthing Tape and Pure Copper Earth Rods covering every part of electrical transmission, distribution, power generators and electronics applications. We are able to achieve an Electrical Conductivity of 101% IACS and Oxygen content less than 5PPM.

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50+  countries

2000+  customers



# Work Space



**ISO 9001:2015**  
(Quality Management System)

**ISO 14001:2015**  
(Environment Management System)

**ISO 45001:2018**  
(Occupational Health & Safety Management)



**INFRASTRUCTURE**

Plant Area : 6360 sq.mt.

Capacity : 6000 Tonnes  
per annum

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**GOVT. RECOGNIZED 2 STAR EXPORT HOUSE**

**WE ARE APPROVED VENDOR OF  
POWERGRID & VARIOUS METRO PROJECTS**

# Product areas



**COPPER BUS BARS**

Leading manufacturer of bare copper bus bars / flats upto 10000 sq.mm. cross sectional area. Also we can supply with Tin Plating, Nickle Plating, Silver Plating and Zinc Plating.

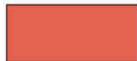
**Width: 5 mm to 250 mm | Thickness: 2 mm & above**



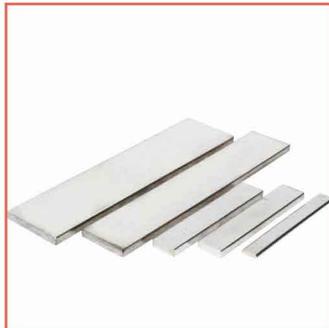
**Corner Radius**



**Full Radius**



**Sharp Edge**

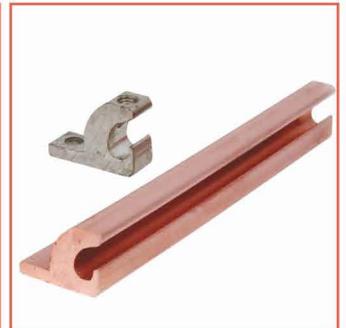


**COPPER PROFILES / SECTIONS**

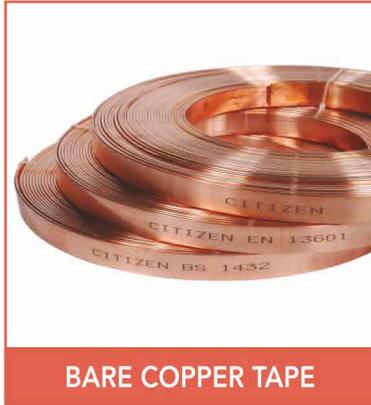
We developed various types of Profiles / Sections as per customer requirements. An exact sample or a perfect detailed drawing, gives our engineers and development department a proper idea to develop the required Profiles / Sections.

## Applications:

- Automobiles and Railways
- Wide range of uses in Electrical Industries like Switchgears, Panels etc.
- Electrical Holders and Clamps
- Defense Industry
- Power Industries  
e.g. Wind Mill Power, Thermal Power, Hydro Power, Solar Power

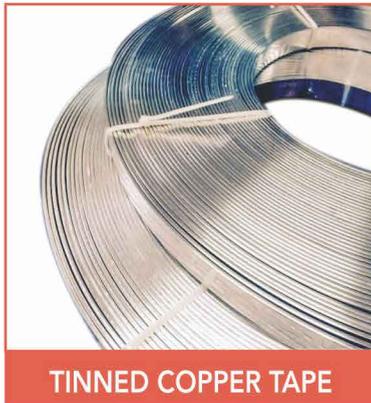


# Product areas



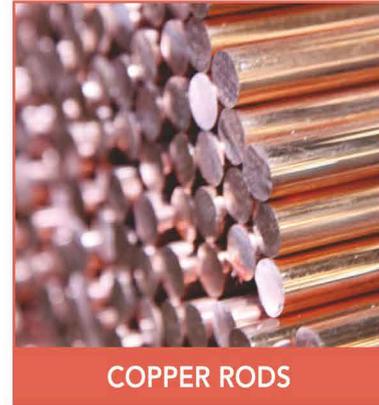
Pure Copper Tape provides appropriate solution to earthing systems. We offer a range of bare and tinned copper tape with high conductivity, purity and annealed as per BS2874 standard.

**Size: Width 5 mm to 50 mm | Thickness: 1 mm & above**



The Tin Plating provides an extra protection in earthing with maintain conductivity.

**Size: As per Customer Requirements**



Manufacturer of a wide range of Pure Copper Rods with Oxygen Free, ETP and DHP Grade with high conductivity. We offer in four different shapes.



**Size: Diameter 3 mm to 115 mm**



Pure solid copper earth rods are the ideal driven earth rods as they offer the installer an economical and efficient earth rod grounding system. We offer different types of earth rods like Air Terminal, Taper pointed with threading. Threads on rods are internal or external thread.

**Size: Diameter 12 mm to 25 mm**

# Product areas



Leading manufacturer of copper components in India, which provides a speedy, convenient and economical solution for Electrical Power, Distribution and Automation Industries.

- CUTTING
- PUNCHING
- BENDING
- PLATING
- COATING
- SLEEVING
- TURNING
- TAPPING

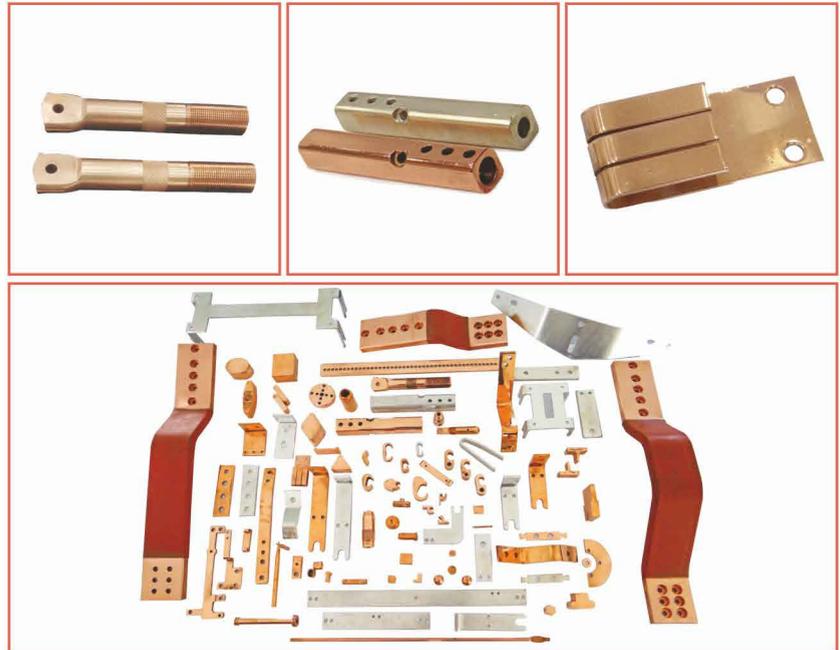


# Product areas

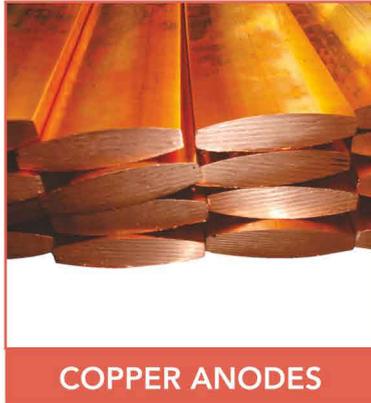


We offer customized components by means of the required drawing or as per samples.

- TWISTING
- MILLING
- DRILLING
- STUD FIXING
- FORGING
- FORMING
- ULTRASONIC WELDING
- SPECIALIZED IN COLD FORMING



# Product areas



**COPPER ANODES**

Copper Anodes are produced from virgin copper cathode especially for Decorative, Rotogravure, Printed Circuit Boards, ABS Plastic, Copper Bonded Rod, Electroforming, Coin Blanks, Radiators, Jewellery, Water Purification System and many other functional plating applications.

## Grade:

- 1) Phosphorised Copper Anodes (0.04 - 0.06%)
- 2) Oxygen Free & ETP Grade Copper Anodes

## Shapes:

Oval | Slabs | Balls | Rods | Nuggets



**FLEXIBLE CONNECTORS**

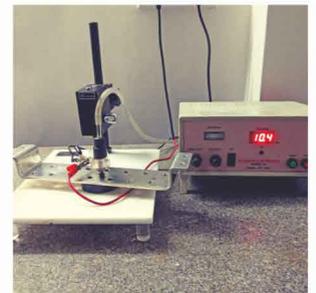
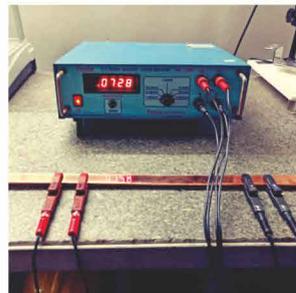
Our specialized production process and expertise enables us to manufacture copper flexible laminated and braided connectors.

## Braided Flexible Connectors

The braided flexible connectors are extremely flexible and individually designed and made as per customer's requirement by our specialized compression technology which guarantees extreme compressing and minimal contact resistance. The contact is made with seamless solderless pressed high conductivity electrolytic grade copper.



# Quality Assurance



- **RAW MATERIAL:** Pure copper cathodes grade 'A' London Metal Exchange Registered Brand with copper purity of 99.99%.
- **STANDARDS:** IS, BS, ASTM, EN, JIS as required by customer specifications.
- **GRADES:** Oxygen Free / ETP / Phosphorised

## TEST FACILITIES

- 1) Oxygen Analyzer (LECO, USA)
- 2) Spectrometer for testing of Chemical Properties (GNR, ITALY)
- 3) Universal Testing Machine with Proof Stress Measurement
- 4) Profile Projector - for profile measurement
- 5) Hardness Tester
- 6) Conductivity Meter
- 7) Resistivity Meter
- 8) Surface Plate
- 9) Tin Coating Thickness Meter

# Awards



STAR PERFORMER  
FOR HIGHEST EXPORT  
2011-12 EEPC INDIA



STAR PERFORMER  
FOR HIGHEST EXPORT  
2012-13 EEPC INDIA



STAR PERFORMER  
FOR HIGHEST EXPORT  
2013-14 EEPC INDIA



STAR PERFORMER  
FOR HIGHEST EXPORT  
2014-15 EEPC INDIA



STAR PERFORMER  
FOR HIGHEST EXPORT  
2015-16 EEPC INDIA



BEST EXPORT PERFORMANCE  
(EMERGING COMPANY)  
WORLD NON FERROUS AWARD 2017

# Global Presence

USA  
 Algeria  
 Tanzania  
 Singapore  
 Philippines  
 UAE  
 UK  
 Egypt  
 Kuwait  
 Syria  
 Yemen  
 Maldives  
 Bahrain  
 Trinidad & Tobago  
 Malta  
 Congo  
 South Korea  
 Vietnam  
 New Zealand  
 Togo



Sri Lanka  
 Bangladesh  
 Nigeria  
 Pakistan  
 Kenya  
 Oman  
 Ghana  
 Nepal  
 Thailand  
 Jordan  
 Canada  
 Indonesia  
 Saudi Arabia  
 Mauritius  
 Israel  
 Uganda  
 Benin  
 Myanmar  
 Australia

## Our Valued Customers



LARSEN & TOUBRO



Raychem RPG





## CITIZEN METALLOYS LTD.

### Registered Office:

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Ahmedabad - 380 009, Gujarat, INDIA.  
Phone: +91 79 2960 6062 / 63  
E-mail: [info@citizenmetalloys.com](mailto:info@citizenmetalloys.com)

### Works:

Plot no. 3314, GIDC Estate, Phase - IV,  
Nr. Ambica Weigh Bridge, Chhatral - 382 729  
Taluka : Kalol, Dist : Gandhinagar, Gujarat, INDIA.  
Phone: +91 2764 233006

[www.citizenmetalloys.com](http://www.citizenmetalloys.com)

