Copper forgings forged parts Copper forged Components

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Copper forgings Copper forged Components Copper forged parts from India

Forging is a manufacturing process involving the shaping of metal using localized compressive forces. Copper Forging is often classified according to the temperature at which it is performed: cold, warm, or hot forging. Copper Forged parts can range in weight from less than a few grams to a few metric tons. Copper Forged parts usually require further processing to achieve a finished part.

Copper forgings also have the ability to function at high operating temperatures, higher loads and increased stress applications and as a result are prevalent today in many industrial processes. The structural reliability achieved by the forging process is unmatched by any other metalworking process.

There are no internal gas pockets or voids in forged material so, unexpected failure under stress or impact is greatly reduced. As such, there is a high degree of safety associated to the use of forged copper material. Additionally, this structural reliability contributes to faster production rates and lower costs due to reduced inspection requirements, uniform response of the copper to heat treatment and the consistent machinability of forged copper.

We have our own Copper forging and machining service where we use high quality Copper alloy forging and offer Copper cold forging, Copper hot forging, Warm forgings, upset forging, open and closed die forging and other forgings. We also offer CNC machined Copper forged components and Copper forged parts.

Copper Alloys that we can offer:

- C10100 Oxygen Free Electronic Copper
- C10200 Oxygen Free Copper
- C10700 Oxygen Free Copper with Silver
- C10800 Oxygen Free Low Phosphorus Copper
- C12000 Phosphorus Deoxidized, Low Residual Phosphorus Copper
- C12220 Copper Phosphorus
- C15000 Zirconium Copper

- C18000 Chromium Nickel Silicon Copper
- C18150 Chromium Zirconium Copper
- C18200 Chromium Copper
- C46400 Naval Brass
- C67300 Manganese Bronze
- C70600 Copper-Nickel, 10%
- C71580 Copper-Nickel, 30%

Industries Served:

- Electrical switchgears
- Electrical Transformers
- earthing and grounding connectors and components
- Railway and Signalling equipments
- Control panels and relays
- Automotive industry
- Telecommunication and cabling wirings

ADDEESS:

COPPER PARTS AND COMPONENTS INDIA

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KEYWORDS:

Copper forging, Copper forged parts,. Copper C101 forgings, Naval Brass forgings, Forged Components, upset forging copper, Copper open closed die forgings,copper machined forgings,CNC machined Copper parts, Copper forged parts, Copper forging manufacturers india, Copper parts components india,