
Forging and forged components Aluminium

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Aluminum forging forged parts components fittings

We manufacture supply and export worldwide a wide array of **ALUMINIUM FORGED FITTINGS ALUMINIUM FORGINGS AND FORGED PARTS COMPONENTS STAMPING STAMPED PARTS** made on high speed hydraulic presses upto 400 tons in capacity which can forge Aluminium fittings and components up to a kilogram.

We make a lot of electrical grade forgings for switchgears transformers panel boards. We also offer engine parts pistons rods elbows couplings connectors bushes threaded forged fasteners and fittings in Aluminium alloys.

Aluminum forging offers a number of outstanding advantages over other manufacturing processes such as sand casting. Properties of the aluminum alloy represent only the beginning of end-user benefits. The forging process adds superior mechanical and physical properties created by heat and pressure. Among the key advantages: Directional Grain Flow—Offering maximum impact strength, superior fatigue resistance, and improved mechanical properties. Structural Strength—Featuring unmatched structural integrity, which eliminates internal voids that may cause field failures

FEATURES OF ALUMINIUM FORGING

- High strength for safety, security, or long-term applications
- Uneven shape can be achieved to reduce material costs
- Consistently tight dimensional tolerances and more intricate detail
- No porosity
- very light in weight and at the same time exceptional strength
- Enhanced surface finish for cosmetic value-added benefits
- Better quality polishing and finishing surface characteristics
- Highly Efficient production methods and component reduction

ALUMINIUM GRADES USED FOR MAKING FORGED PARTS STAMPING STAMPED PARTS COMPONENTS AND FORGINGS:

- 1100
- 2014
- 2024
- 2219 2618

- 3003
- 4032
- 5052 5083
- 5086
- 5383
- 5456 6061
- 7039
- 7050
- 7075 7079
- 7175

We also forged Brass and Copper alloys and Stainless Steel material.

Industries served:

- Automobile components
- Marine products
- Motorcycle components
- Bicycle parts
- Sports supplies
- Medical instruments
- Military supplies and equipment
- Mechanical components spare parts
- Fuel tanks
- Fire apparatus
- Builder Hardware
- Consumer goods
- Kitchen wares
- Electric supply

ADDEESS:

CONEX ALUMINIUM COMPONENTS

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Udyognagar
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KEYWORDS:

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