

Resin Sand Cast Metal Parts

Resin sand casting is used to create metal parts with intricate details and good dimensional accuracy. This method involves creating a mold from resin-bonded sand and pouring molten metal into it.



ADDITIONAL IMAGES



Product Overview

Industrial Casting Solutions

Resin sand casting is a versatile and cost-effective manufacturing method capable of producing metal parts with complex geometries and intricate details. By utilizing resin-bonded sand for mold creation, this process achieves superior dimensional accuracy and a smooth surface finish. These components are engineered for durability and reliability, making them ideal for heavy-duty applications in mining, automotive, and industrial infrastructure.

Material Composition

Available Materials

Carbon Steel, Alloy Steel, Stainless Steel, Gray Iron, Ductile Iron, Nodular Iron, Aluminum, Brass, Tool Steel

Manufacturing Capabilities

Process Capabilities

- Investment Casting
- Lost Wax Casting
- Water Glass Casting
- Silica Sol Casting
- Resin Sand Casting
- Green Sand Casting
- Gravity Casting
- Die Casting
- Low Pressure Casting

Secondary Machining

- Rough Machining
- Precision Machining
- CNC Machining
- Turning
- Milling
- Grinding
- Drilling

Industrial Applications

Core Industries

Mining • Automotive • Truck & Bus • Agriculture • Oil & Gas • Marine • Power Generation • Pipe Fittings