

Precision Investment Casting Part

Precision investment casting parts are manufactured using processes like lost wax casting, sodium silicate binder, and colloidal silica binder. These parts are suitable for demanding applications requiring high strength and dimensional accuracy.



ADDITIONAL IMAGES



Overview

Precision Investment Casting Solutions

These precision-engineered components are manufactured using the advanced lost-wax casting process, ensuring superior dimensional accuracy and complex geometric capabilities. Designed for demanding industrial environments, the parts offer high strength, excellent corrosion resistance, and a smooth surface finish. They are ideally suited for critical applications in sectors such as aerospace, automotive, medical devices, pumps, and turbines.

Technical Specifications

Key Features

- High dimensional accuracy
- Tight tolerances
- Complex internal geometry
- Superior surface finish
- Corrosion resistance

Manufacturing Process

Investment Casting (Lost-Wax Casting)

Available Materials

Stainless Steel, Alloy Steel, Aluminum Alloys, Durable Metal Alloy

Applications

Primary Industries

Aerospace • Automotive • Medical Devices • Fluid Dynamics • Pumps & Turbines

Performance Highlights

100 %

Dimensional Accuracy

1 High

Surface Finish Quality