

Precision Lost Wax Cast Metal Component

This precision metal component is manufactured using the lost wax casting process. It is suitable for applications requiring high dimensional accuracy and a smooth surface finish.



ADDITIONAL IMAGES



Overview

Precision Lost Wax Casting

This precision-engineered metal component utilizes the lost wax casting process to achieve complex geometries that are often difficult or impossible with traditional die casting. The method provides a cost-effective solution with minimal surface finishing and minor machining requirements. It is ideal for industries requiring high dimensional accuracy, such as automotive, mining, and agricultural machinery.

Technical Specifications

Material Options

- Stainless Steel
- Carbon Steel
- Brass
- Aluminium
- Special Steel
- Wear Resistant Steel

Process Advantages

- Produces complex shapes
- Low equipment costs
- Minimal surface finishing required
- Reduced machining needs

Casting Methods

Investment Casting, Water Glass Casting, Silica Sol Casting, Precision Casting

Application

Primary Applications

Mining • Agricultural • Engineering • Automotive • Truck Components • Medical Equipment • Food Machinery • Sports Equipment