



OEM Metal Foundry Precision Carbon Steel Investment Casting Auto Spare Parts

Our Product Introduction

for more products please visit us on greycastironcasting.com

Basic Information

- Place of Origin: Mainland China
- Brand Name: NC6535
- Certification: ISO9001,CE,SGS
- Model Number: 6535
- Minimum Order Quantity: 100 pcs
- Price: Can talk
- Packaging Details: Wooden Case
- Delivery Time: 35 days
- Payment Terms: T/T, L/C
- Supply Ability: 50,000 pcs monthly



Product Specification

- Material: Carbon Steel
- Process: Precision Casting
- Finish: Blasting
- Color: Natural
- Weight: 5-100KGS
- Size: Customized



More Images



Product Description

OEM Metal Foundry Precision Carbon Steel Investment Casting Auto Spare Parts

Product Details

Product Name	Carbon Steel Precision Investment Casting
Standard	ASTM, AISI, EN, DIN, JIS, BS, AS, GOST, etc.
Product Material	All rolled steel, copper alloy, aluminium alloy
Dimension Accuracy	ISO8062, the tolerance grade with CT5
Mould Types	Customized by client's drawing or sample.
Process	1. Tooling and pattern making 2. Pattern assembly 3. Dipping and coating 4. De-waxing and firing 5. Casting 6. Knockout 7. Finishing
Product Advantages	1. Controlling all kinds of high precise CNC parts and specific tolerance parts easily 2. Improving the yield of finished product 3. Controlling each part precisely
Inspection	NDT-RAM, Brinell hardness tester, Thickness tester, Impact testing machine, Metallograph machine, CMM, Flaw detector, Measuring projector, Universal testing machine, Salt spray tester, Spectrograph, etc.
Heat Treatment	Quenching, Tempering, Carburization, Nitriding, etc.
Surface Treatment	Painting, Powder Coating, Galvanizing, Nickel Plating, Chroming, Surface Oxidation, etc.

Production Process

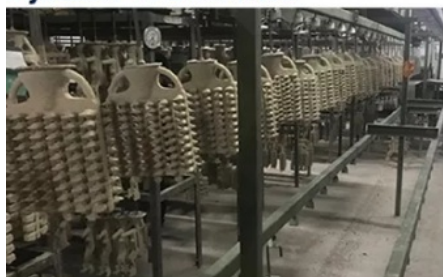
Investment casting, also known as precision casting or lost-wax casting, is a manufacturing process in which a wax pattern is used to shape a disposable ceramic mold. Investment casting can make use of most metals, most commonly using aluminum alloys, bronze alloys, magnesium alloys, cast iron, stainless steel, and tool steel. This process is beneficial for casting metals with high melting temperatures that can not be molded in plaster or metal. Parts that are typically made by investment casting include those with complex geometry such as turbine blades or firearm components. High temperature applications are also common, which includes parts for the automotive, aircraft, and military industries.



Injection of wax mold



Repair wax mold



Wax mold tree



Shell making



Pouring of metal



Bead blasting



Welding



Mirror polish

Quality Control

Quality Control is one of the most important process in production. We insist that 100% inspection before shipment and ensure parts without any flaws when sending out.

We have complete quality inspection facilities including mechanical testing, chemical analysis, tensile strength, hardness, spectrometer, ultrasonic testing, etc.



CMM



Tensile Test Machine



Packing and Delivery





FAQ

1: What information does the quotation need?

Pls. offer your drawings and/or samples, quantity and packing's requirements. Drawings in PDF, IGS, DWG, STEP, MAX are suitable to us.

2: What's lead time for samples and products?

Lead time for samples: 45days depend on the structure of the part and other requirements on heat treatment, machining, surface treatment and so on. Mass production lead time: 45days depend on products' characteristics and quantity.

3: What is the requirement on payment?

Tooling Cost:100% T/T advanced Payment for the Order:50% deposit,50% to be paid before shipment.

4: What are surface treatments available?

Powder coating, Shoot Blasting, Painting, Polishing, Acid Pickling, Anodizing, Zinc Plating, Hot-dip Galvanizing, Electrophoresis, Chrome Plating

5: What is the packing? Normal buck packing suitable for shipment by sea and by air. We also organize packing according to customers' requirements.



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