



## Steel Silica Sol Investment Casting Heavy Equipment Parts

Our Product Introduction

for more products please visit us on [greycastironcasting.com](http://greycastironcasting.com)

### Basic Information

- Place of Origin: Mainland China
- Brand Name: NC5631
- Certification: ISO9001,CE,SGS
- Model Number: 5631
- Minimum Order Quantity: 100 pcs
- Price: Can talk
- Packaging Details: Wooden Case
- Delivery Time: 30 days
- Payment Terms: T/T, L/C
- Supply Ability: 60,000-80,000 pcs monthly



### Product Specification

- Material: Steel
- Application: Heavy Equipment
- Production Process: Investment Casting
- Tolerance: CT5-CT7
- Finish: Sand Blasting, Machining, Painting
- OEM: Available



### More Images



## Product Description

### Steel Silica Sol Investment Casting Heavy Equipment Parts

#### Product Details

|                             |  |
|-----------------------------|--|
| Manufacture process:        | investment casting, lost wax casting   |
| Material:                   | carbon steel, stainless steel, alloy steel, aluminum alloy, copper alloy               |
| Heat treatment:             | annealed, solution, quenching & tempering, carburization, nitriding                    |
| Casting tolerance standard: | ISO 8062-3-2007 CT4-6 Grade, ISO 2768-mK   |
| Surface treatment:          | shot blasting, pickling & passivation, zinc plating, polishing, painting, cataphoresis |
| Casting surface roughness:  | Ra3.2-6.3  |

#### Production Process

**PRODUCTION PROCESS**



The production process consists of the following steps:

- Mould**: Preparing the mould cavity.
- Waxes Injection**: Injecting wax into the mould.
- Starch Dipping**: Dipping the wax pattern in starch.
- Shell Drying**: Drying the starch-coated shell.
- Shell Baking**: Baking the shell in a furnace.
- Steel Melting & Pouring**: Melting steel and pouring it into the shell.
- Shell Vibrating**: Vibrating the shell to remove excess material.
- Sand Blasting**: Blasting the casting with sand.
- Ready For Machining**: The finished casting ready for machining.

#### Products Application



Automotive



Machinery



Pump &amp; Valve



Aircraft



Hardware &amp; Tool



Industrial Lock

### 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



### FAQ

Q: Are you a factory or trading company?

A: We're a direct factory, we have our own casting foundry and machining factory over 25 years.

Q: Do you make customized products based on our design drawings?

A: Yes, we are a professional metal fabrication factory with 20 experiences to make custom products according to clients' drawings.

Q: Will my drawing be safe after you get it?

A: Yes, we will not release your design to third party unless with your permission.



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