



Ductile Iron Silica Sol Investment Casting for Car Brake

Ductile iron—also referred to as spheroidal or nodular iron—is actually a group of irons that exhibit high strength, flexibility, durability, and elasticity due to their unique micro-structure. Cast ductile iron normally contains over 3 percent carbon; it can be bent, twisted, or deformed without fracturing. Its mechanical properties are similar to steel, and far exceed those of standard cast irons.

Product Description

Material:Ductile Iron

Technique:Silica Sol Investment Casting

Gross Weight:0.1KG

Application Area:Automobile

Product Name:Car Brake System

Anti-Rust:with anti-rust water

Heat treatment:As Cast,Is

Fire, Tempering, Annealing, Quenching, Carburizing, Permeability, Thermal

Refining,Hardening are available.



Ductile Iron Silica Sol Investment Casting for Car Brake are solid metal objects that result from molten ductile iron being poured into voids in a mold. The ductile iron subsequently cools and solidifies in the shape of the void it occupies.

4.5 NBZY - Production Process of Silica Sol Casting



Description	CUSTOM MADE PRECISION CASTING PARTS OEM and Customized service
Application	Industrial parts,Machinery parts,construction parts,valve parts,train,craft,hydraulic pressure, Agricultural machinery,Marine hardware,Auto parts,electric power fittings,food machinery, harness fittings,tools, mining machinery parts
Processing	lost wax casting process, die casting process, sand casting process. soluble glass casting process, silicasol casting process
Material	(1)grey iron, ductile iron , pig iron (2)carbon steel, stainless steel, alloy steel (3)aluminum alloy, aluminium, A380, aluminum 6061 (4)zinc alloy ,copper, brass, bronze etc
Weight Range	0.01kg-200kg
Tolernace	Controlled by ISO 8062 CT4-6
Design Support	Pro-E, UG,SolidWorks,AutoCad, PDF
Quality Control	Material, Dimension,Performance,inside defects,Balance test
Standard	ASTM,DIN,JIS,ISO,GB standards
Machining precision	±0.01mm
Surface treatment	Heat Treatment, Polishing, Plating, Machining, Anodizing, shot, sand blasting, zinc plated, oxide,

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	galvanized etc.
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Multiple Production Processes



Die Casting



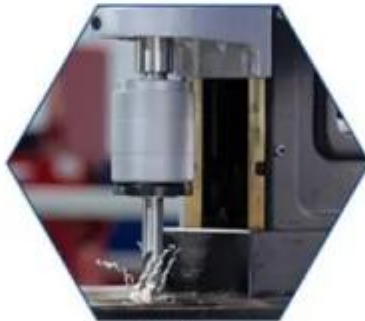
Polishing



Deburring



Drilling



Tapping



CNC Machining

Surface Treatment



Chemical oxidation



Painting



Electrophoresis



anodizing



Sand blasting



Electroplating

Inspection Equipments



2.5D manual image measuring machine



height tester



hardness tester



Coordinate Measuring Machine



TESA-HITE 400



Salt spray test machine



CCD optical detector detection



Arm CMM

FAQ

Q1: How to customize products?

A1: Attach your drawings with details (material, surface treatment, quantity and special requirements etc).

Q2: Can you make the parts based on the sample?

A2: Yes, we could provide a rough cost and will measure and design the drawing according to your sample.

Q3: Can my design be safe after sending it to you?

A3: We can sign the NDA before you send it.

Q4: What kind of production service do you provide?

A4: Mold making, lost wax casting, die casting, sand casting, CNC machining, stamping, plastic injection, assembly, and surface treatment.

Q5: How does the company control the quality?

A5: Inspection product with professional equipment , like CMM, height gauge, caliper & micrometer, Ultrasonic fault detector, Hardness tester, Spectrum analyzer, impact testing machine, quadratic equipment .

Q6: How could I pay them?

A6: Paypal, Western Union, T/T, L/C are acceptable, so just let us know which is convenient for you.

