



Shell Mold Casting for Connecting Rod

Hot Sale China Shell Mold Casting for Connecting Rod Manufacturers and Suppliers. Zhiye is a Shell Mold Casting for Connecting Rod manufacturer and supplier in China. The shell molding process offers better surface finish, better dimensional tolerances, and higher throughput due to reduced cycle times. A heated (200 Deg C / 392 Deg F) metal pattern is covered with a mixture of sand and thermoset plastic. This causes a skin of about 3.5 mm (0.125 in) of sand/plastic mixture to adhere to the pattern. This skin is removed from the pattern to form the "shell mold". The two halves of the shell mold are secured together and the metal is poured in the shell to form the part. Once the metal solidifies, the shell is broken. This process can produce complex parts with good surface finish 1.25 mm to 3.75 mm rms, and dimensional tolerance of 0.5 %. Size limits of 30 g to 12 kg (1 oz to 25 lb). Minimum thicknesses can be as low as 1.5 mm (0.062 in) to 6.25 mm (0.25 in), depending on the material. A good surface finish and good size tolerance reduce the need for machining. A fairly high capital investment is required, but high production rates can be achieved. The process overall is quite cost effective due to reduced machining and cleanup costs. The materials that can be used with this process are cast irons, and aluminum and copper alloys. Typical parts made with this process are connecting rods, gear housings, lever arms etc.

Product Description

Zhiye as one of the professional China Shell Mold Casting for Connecting Rod manufacturers and China Shell Mold Casting for Connecting Rod factory, we are strong strength and complete management. Also, we have own exporting license. We mainly deal in making a series of Shell Mold Casting for Connecting Rod and so on. We stick to the principal of quality orientation and customer priority, we sincerely welcome your letters, calls and investigations for business cooperation. We assure you of our high quality services at all time.

Material:QT500-7

Technique:Shell Mold Casting with Phenol Formaldehyde Resin pre-coated Sand

Gross Weight:8.5KG

Application Area:Mechanical Engineering

Product Name:Con rod

Anti-Rust:with anti-rust water

Heat treatment:As Cast

Ningbo Zhiye Mechanical Components Co.,Ltd. can ensure excellent shell mold castings from China, Taiwan and Korea and is very price competitive. Ningbo Zhiye has audited, qualified and worked with QS-9000 and ISO certified shell mold casting factories in China, Taiwan and Korea for over 12 years. Zhiye is dedicated to managing your project on-site

and delivering parts to you at lower prices but the same quality, service and terms as a domestic supplier.



Ningbo Zhiye Mechanical Components Co.,Ltd.

Description	CUSTOM MADE PRECISION CASTING PARTS OEM and Customized service
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
standard	ISO ,DIN, AISI, ASTM, BS, JIS, etc.
Size	available in all sizes or as customer's drawings
Certification	ISO9001 2008

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Application	Industrial parts,Machinery parts,construction parts,valve parts,train,craft,hydraulic pressure, agriculturalmachinery,Marine hardware,Auto parts,electric power fittings,food machinery, harness fittings,tools, mining machinery parts
Weight range	0.01kg-200kg
Machining precision	±0.01mm
Surface treatment	Heat Treatment, Polishing, Plating, Machining, Anodizing, shot, sand blasting, zinc plated, oxide, galvanized etc.
process	lost wax casting process, die casting process, sand casting process. soluble glass casting process, silicasol casting process
production Application	Metal parts, Mechanical parts, Marine Hardware, Electric power fitting, Construction parts, Pipe Fitting, Hardware, Auto parts, Valve parts, Industrial parts, Agricultural machinery, Hinges, etc
CNC and MC Machining	Three coordinate measurement machine for testing.
Service	To chart to sample production OEM / ODM
MOQ	Small order is accepted
Remark	Making service as per your requirement or drawings



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Inspection







Get professional one-stop service

Click here to contact us 

18 YEARS



Inner Packing → Strong & waterproof plastic big is packed inside, to keep the product in safe condition. Or as customer requests.

Outer Packing → Multilayer wooden box with strong bandages, used for standard export package. Or customized as per customer's requirements.



1.Q: Are you a factory?

A: Yes,we are both manufacturer and trading company.

2.Q: Should I get a sample before mass order?

A: Of course you can, we can provide you free sample for quality testing.

3. Q:What is your payment?

A: By T/T. 30% in advance, balance 70% before shipping.

4. Q:How can i get a quotation?

A: Tell us the casting part material you want and you had better provide us your draft.
Then we will give you an exact quotation.