



## Special Alloy Steel Silica Sol Investment Casting Auto Parts

Choose our Ningbo Zhiye Mechanical Components Co.,Ltd. alloy steel casting solutions if you're looking for castings that give you high construction standards and precision design. Alloy steel is designed for use in industrial applications where high levels of shock resistance are needed.

### Product Description

Choose our Ningbo Zhiye Mechanical Components Co.,Ltd. alloy steel casting solutions if you're looking for castings that give you high construction standards and precision design. Alloy steel is designed for use in industrial applications where high levels of shock resistance are needed.

Cast irons cannot always match up to alloy steel for strength and shock resistance, and this is where we come into the picture with our castings. Apart from providing surpassing resistance to wrapping, thermal fatigue and cracking, they are ideal for high heat applications such as oil refinery heaters too.

We at Vast pride ourselves on the extreme durability of our castings that consistently meet or exceed our customers' expectations and earn us their high regard at the same time. Dimensional accuracy is also our focus, and we endeavor to help you get the right castings no matter which application you plan to use it in.

Our wide range of alloy steel castings is manufactured using the investment casting method for strength and durability. Our castings include manifolds, valve castings, hardware, lock and hinge metal castings, precision medical castings, castings for pump parts and housings, hand tool parts castings, aviation and aerospace parts apart from many more.

With the wide range of applications in which these can be used, you need look no further for your casting requirements. From the simplest shapes to the most complex geometrical requirements, there is no limit to what we can handle.

Look through our extensive catalogue and choose an alloy steel casting that you need and we will manufacture if for you with high quality as a focus, be it ten or a thousand. If you don't find the specifications or design of casting you need, simply give us a physical sample or a design on paper and we will convert it into a high quality order of the best alloy steel casting you could ever get.



Material:Special Alloy Steel

Technique:Silica Sol Investment Casting

Gross Weight:0.5KG

Application Area:Automobile

Product Name:Alloy Steel Part

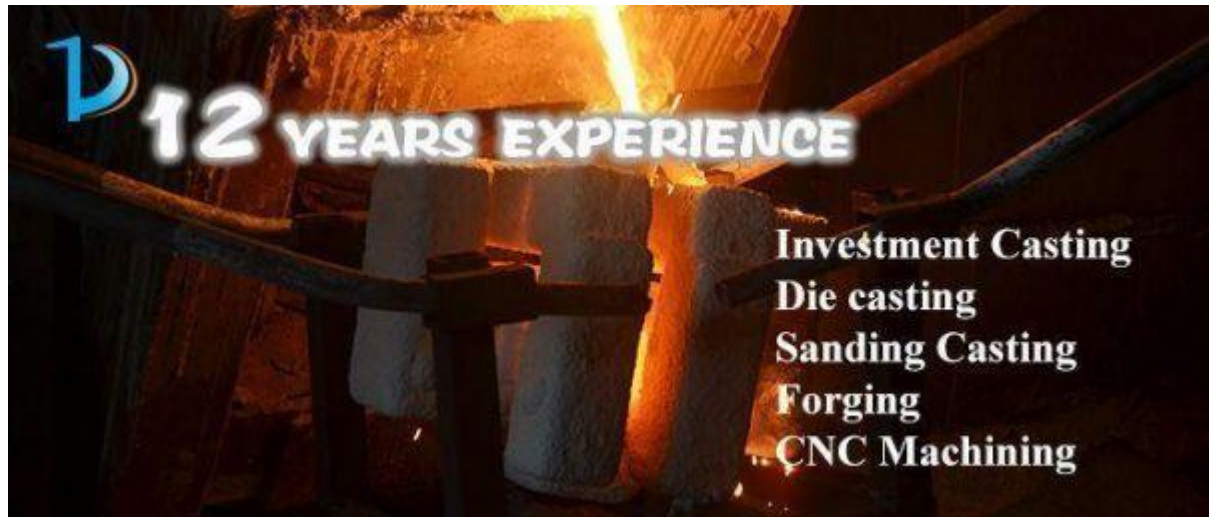
Anti-Rust:with anti-rust water

Heat treatment:As Cast,Is

Fire, Tempering, Annealing, Quenching, Carburizing, Permeability, Thermal Refining, Hardening are available.



Ningbo Zhiye Mechanical Components Co., Ltd.



Item	Description
Service	OEM / ODM or Sample Production
Process Technology	lost wax casting process / soluble glass casting process / silicasol casting process/ die casting process /sand casting process / + Precision CNC Machining + Surface Treatment
Material we can cast	(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
Size	Customized as customer's drawings
Weight Range	0.02-50 KGS
MOQ	500 Pieces
Tolerance	±0.02mm
Surface Treatment	Heat Treatment, Polishing, Plating, Machining, Anodizing, shot, sand blasting, zinc plated, oxide, galvanized etc.
Testing	Three coordinate measurement machine for testing.
Certification	ISO9001:2008
Standard	ISO , DIN, AISI, ASTM, BS, JIS, etc.

**OEM Material We manufacturer :**

Process Techonology	Material
Investment casting	ASTMA148class80-40, ASTMA148Class80-50

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	A572GR60, AISI316 stainless steel, ST52, S355, GS-52.3, ASTM48Class30B CK45, 1.7218-25CrMo4
Sand casting	GGG50,GGG30, ASTM48 class25B, 42CrMo4, C22 ductile iron 65-45-12, AlCuMgpbF34, EN-JIS-500-7 EN1563 , EN10293-GE300 HT200, DIN17205-GS-25CrMo4
Die casting	C1040, A356, A380,AISI12
Stamping Parts	Steel , alloy , Aluminum or as above
Forging	Steel , alloy , Aluminum ,Zinc , Copper , Brass ,or other as above
CNC Machining	Steel , alloy , Aluminum ,Zinc , Copper , Brass ,or other as above

Engaged in the casting industry for 11 years, our foundry has built up the complete production lines and quality control systems. We supply OEM service and exports to Germany, Japan, USA, Canada, Korea, New Zealand, and so on.

OEM /ODM Custom Service |

SGS / TUV / ISO 9001:2008 Certified |

Over 11 Years' Casting Experience |

Clients in over 70 countries cooperate with us |

Our main products line includes die casting, sand casting, precision casting, stamping, forging, CNC turning and so on. Materials vary from grey iron, ductile iron, bronze, aluminum, steel, stainless steel, and so on.

### Application:

#### 1. Food Machine Hardware

Components of liquid food equipment

Tapping device for beer, milk and juice dispensers

Handles for pot, spoon and fork

#### 2. Machine Hardware

Safety Locker Quick Coupling

Clip Pipe and Fitting

Other mechanical hardware

#### 3. Pumps&Valves

#### 4. Marine Hardware

#### 5. Building Hardware

#### 6. Mine, Oil, Textile Mechanical Parts

Component for mine equipment

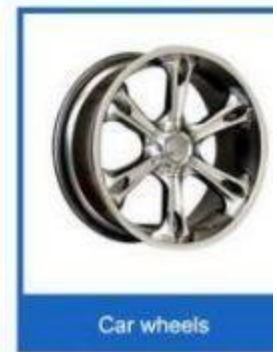
Component for agricultural and textile machinery  
Parts for hydraulic and air compressing equipment



## custom stainless steel parts









We help each your concept into metal products





# Casting Process





## Package



## Our Transactions

### Transaction History

[Chat Now](#) [Contact Supplier](#) [Start Order](#)

Below is the information about the supplier's transactions conducted via Alibaba.com. If you require further details regarding the transaction data, please contact the supplier directly.

#### Transaction Overview

2018.06 - 2019.05

#### Transactions



#### Export Markets



#### Transaction Details

All Countries / Regions

This supplier has completed 178 Transactions.

Shipping Destination	Transaction Value	Transaction Date
United States	USD \$***.*** **	06/17/2019
Canada	USD \$**.* **	06/14/2019
United States	USD \$**.* **	06/13/2019
United States	USD \$**.* **	06/11/2019
South Korea	USD \$**.* **	06/04/2019
Italy	USD \$**.* **	05/31/2019
United States	USD \$**.* **	05/21/2019
United States	USD \$**.* **	05/14/2019

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## Verified Information

This information was Verified by SGS Group and is valid for the following period: 2022/04/20 --- 2023/04/19

The information below covers both the Gold Supplier and its related companies, which are defined according to china laws and regulations, and which will also be clearly displayed in the full report >>

## The competitive advantage of product line:

The company can provide ODM and OEM service

## Production Capacity:

Product Line Name	Production Line Capacity	Actual Units Produced(Previous Year)
Casting and Machining Parts	Casting and Machining Parts: 600 Tons / Month	Casting and Machining Parts: 4,500 Tons

## Export Market Distribution:

Market	Revenue(Previous Year)	Total Revenue (%)
North America	confidential	54.0
Oceania	confidential	1.0
Eastern Asia	confidential	5.0
Western Europe	confidential	33.0
Northern Europe	confidential	7.0

## Production Machinery:

Machine Name	Brand & Model No.	Quantity	Number of Year(s) Used	Condition
Line Cutting Machine	7745	2	5.0	Acceptable
CNC Machining Center	LGMazak	9	5.0	Acceptable
CNC Lathe	LGMzazk	10	5.0	Acceptable
Grinder	Mh142 HZ	3	6.0	Acceptable
Drilling Machine	X63250	5	4.0	Acceptable
Pressing Machine	Y41-100T	3	4.0	Acceptable
Shot Blasting Machine	N/A	18	2.0	Good
Wax Injection Machine	N/A	9	2.0	Good
Shell Making Line	N/A	4	2.0	Good

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Dewax Machine	N/A	1	2.0	Good
Casting Processing Line	N/A	3	2.0	Good

### Testing Machinery:

Machine Name	Brand & Model No.	Quantity	Number of Year(s) Used	Condition
Three Coordinate Measuring Instrument	XO55	2	5.0	Acceptable
Foundry Master Pro	VME400T	1	5.0	Acceptable
Hardness Tester	N/A	2	5.0	Acceptable
Tension Tester	60T	1	5.0	Acceptable
Impact Tester	N/A	1	5.0	Acceptable
Microscope	N/A	1	5.0	Acceptable
Spectrometer	N/A	1	5.0	Acceptable

### Real Case for Lower MOQ:

Products Name	MOQ(in the last 12month)
Casting and Machining Parts	500 pcs

### Real Case for Large Contract:

Products Name	Order(in the last 12month)
Casting and Machining Parts	38,228 pcs

### Short Lead Time:

Products Name	Order(in the last 12month)	Shortest Lead Time
Casting and Machining Parts	500 pcs	30 days

## » FAQ

### 1. What type of drawing files can you accept?

We can accept several different types of files:Pro/E,AutoCAD,SOLIDWORK,CAXA,UG.

### 2.How long does it take to finish the mould?

30 days.

### **3.What kind of the materials can be provided?**

1)Product Materials:Aluminium alloy A356 (ZAlSi7MgA) A354(ZAlSi9Cu2Mg) ZL108(ZAlSi12Cu2Mg1) AC2B (ZAlSi7Gu4) A360(ZAlSi 10Mg) 2) Mould Materials: H13,3Cr2W8V, 4Cr5MoVsi,SKD61,8407#. 3)According to customers' requirement.

### **4What's the advantage of your factory compared to other manufacturing enterprises in China?**

1)Past IATF16949:2016,ISO 9001: 2005 2)Have strong Mould and QC department  
3)OEM/ODM customized services

### **5. What about the payment terms?**

Our payment terms are T/T in advance (30% deposit) and 70% L/C at sight.

### **6. What is the privacy policy of your company?**

We respect all the customers,and keep all the customers information confidential We limit the scope of the information provided to third parties and we allow its use only the customer permits.