

Qingdao New International (Group) Co.Ltd

Catalogue for Hot Forging and Foundry

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Company Profile of Hot Forging

Qingdao New International Yuandong Mechanical & Electrical Parts Co., Ltd. has modern office building and standard plant, which has big friction press machine as 1600 tons, high speed CNC forging hammer as 750 kgs, 1.5 tons & 2 tons, different friction press machines as 160 tons, 300 tons, 400 tons and 630 tons as total for sixteen forging production lines. There also has CNC and computer aided character carver in the molding workshop. The machining workshop has CNC and sixty pieces of numerical control machine tool. The factory can manufacture the big hot forging parts for train, railway, mine, electric power and other industries. Especially for the big quantity order of forging parts in suitable unit weight and volume, it can produce efficiently as one mold with several cavities in mass production. At present, the mature products are die forging auto parts for suspension system and steering system, other forging parts and lifting eye bolts and eye nuts. The lifting eye bolts and eye nuts have been sold to overseas, which had been won the high reputation by the customers of Japan, Germany and United States, especially for DIN580, DIN582, JIS1168, JIS1169 and ASTM standard eye bolts & eye nuts with different materials. Most customers are attracted by the good quality of the lifting eye bolts and eye nuts, which can satisfy the request of the size from M6 to M100. The product of eye bolt DIN444 is the most profession with the most complete sizes and most complete kinds of material in China, which the material includes usual carbon steel, high strength steel and stainless steel. The factory has own mold making workshop, heat treatment workshop, assembly & maintenance, testing and packing workshop in order to control the quality strictly. It also can purchase export products liability insurance as the customer's demand, which provides quality credit guarantee for customers.

Company Profile of Hot Forging

Our company have professional Quality Management System IATF16949:2016 and ISO 9001:2015. There also has the AD2000 certification. There is also applying for ISO14001 environmental management system now. They have been passed the audit by different customer in different industries from the country of all the world. The quality of production management is completely organized according to the Quality Management System, which has obtained the trust and admire by so many customers. The core enterprises control the quality strictly which is equipped with complete physical & chemical laboratory, optical spectrum analysis and coordinate measuring machine. We have excellent research and development team they can accelerate the development of new products.

Currently, the forging products have exported to Japan, Korea, Germany, United States and other major markets for automotive industry, train & railway, rigging, construction, shipbuilding, electric power, agricultural machinery and so on.

Based on the enterprise conception of "Integrity and Quality", our company will always adhere to the enterprise culture, "Respect for Nature and Love for Mankind and Dedicated to Customers Satisfaction". We are willing to establish the close business relationship on the basis of win-win cooperation with our customers from all the world.

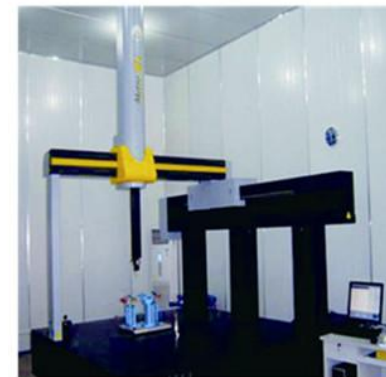
Factory View



Laboratory



Optical Spectrometer



CMM Tester



Metallographic Analysis

Raw Material and Blanking



Hot Forging



1600T Friction Press Machine



1.5T SPC Hammer



Machining



DIN444 Production



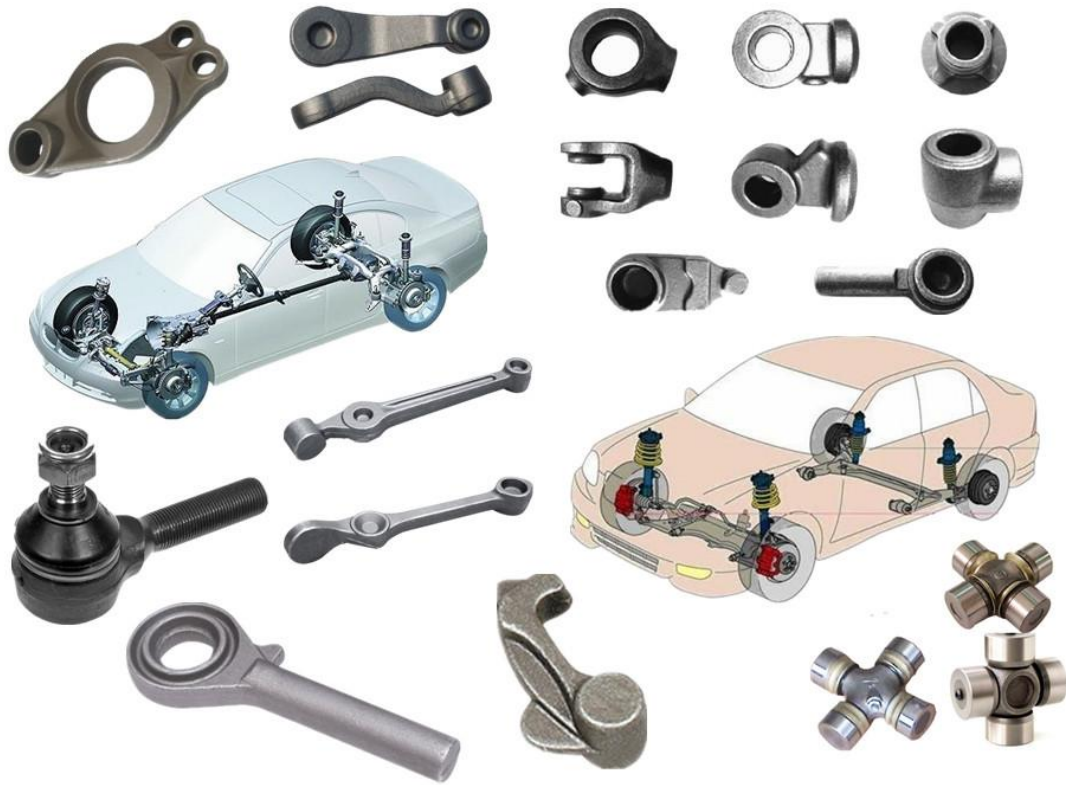
Molding Making



Packing



Auto Parts for Steering System and Suspension System



Material: Carbon Steel, Alloy Steel, Stainless Steel
Finish : As Customer's Demand

Truck Parts



Material: Carbon Steel, Alloy Steel, Stainless Steel
Finish : As Customer's Demand

Electric Power Fittings



Pole Line Hardware

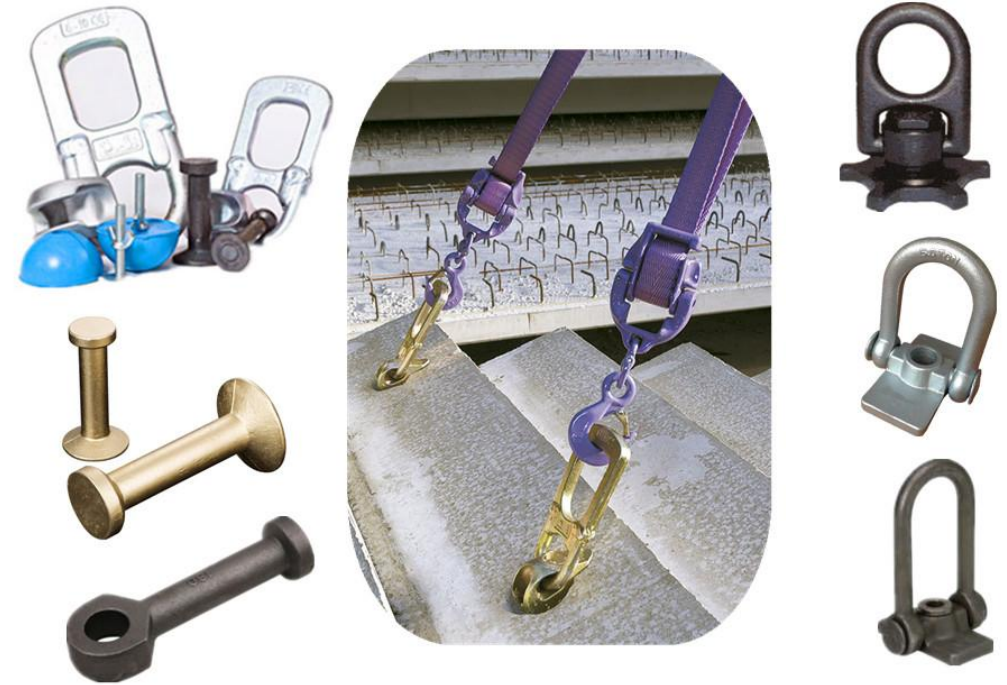


Product Name: Electric Power Fittings-Pole Line Hardware; Electric Power Fittings-Earth Anchor
Material: Carbon Steel, Alloy Steel
Finish: Zinc Plated, H.D.G, Painting, As Customer's Demand

Other Forging Parts



Concrete Lifting Anchors



Material: Carbon Steel, Alloy Steel , High Tensile Steel
Finish: Zinc Plated, H.D.G, Painting, As Customer's Demand

Train Parts & Railway Parts



Material: Carbon Steel, Alloy Steel, Stainless Steel
Finish : As Customer's Demand

Drill Steel for Mine



Material: Alloy Steel, 30CrMo
Finish : As Customer's Demand

Eye Bolts DIN444



Products: Eye Bolts DIN444

Type:

- ◆ AM
- ◆ LAM
- ◆ BM
- ◆ LBM

Size: M6 to M24

Material: 4.6, 5.6, 8.8, 10.9, A2, A4

Surface Treatment: Plain, Zinc Plated, H.D.G

Packing: Cartons+Pallet

Lifting Eye Bolts and Lifting Eye Nuts



Product Name: Lifting Eye Bolts and Eye Nuts
Type:

- ◆ ASTM Eye Bolt
- ◆ ASTM Eye Nut
- ◆ BS 3974 Bow Nut
- ◆ BS 4278 Eye Bolt
- ◆ DIN 582 Lifting Eye Nut
- ◆ DIN 580 Lifting Eye Bolt
- ◆ JIS 1168 Eye Bolt
- ◆ JIS 1169 Eye Nut

Material: C15, C15E, stainless steel A2 and A4, 42CrMoV, 1045, high tensile steel

Finish: plain, zinc plated, H.D.G, phosphating, polishing

Turnbuckles



Product Name: Turnbuckles

Type :

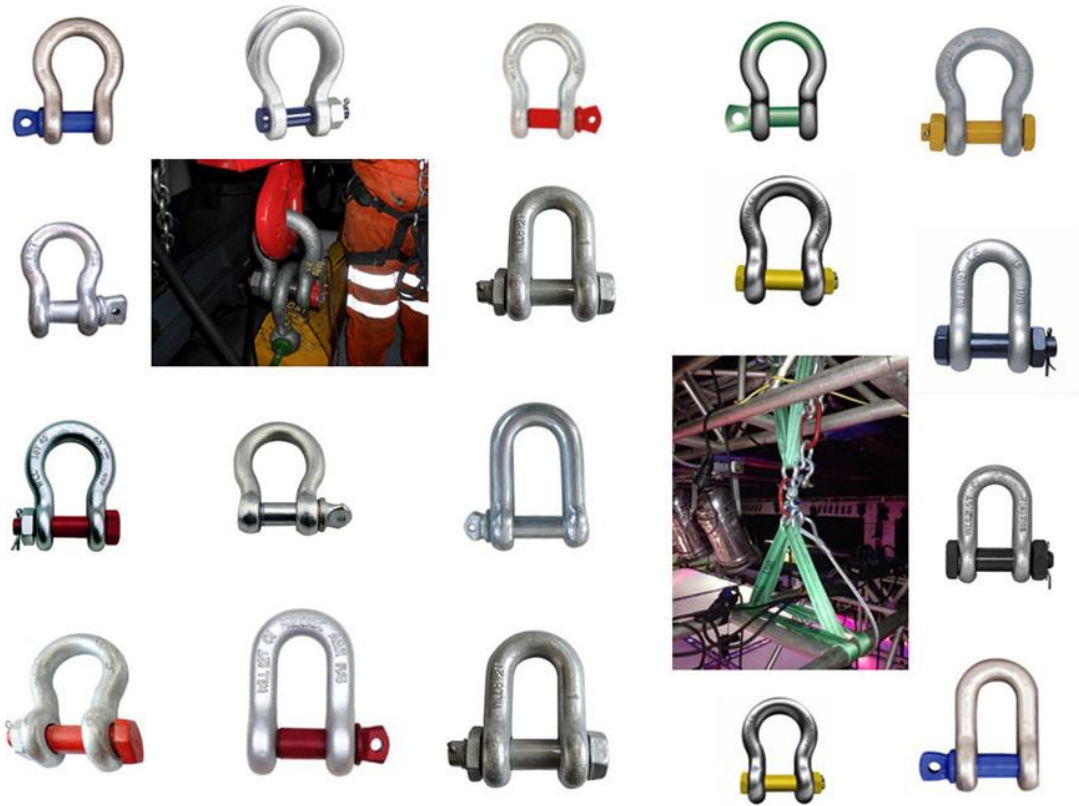
- ◆ Commercial Turnbuckle
- ◆ DIN1478 Turnbuckles
- ◆ DIN1479 Turnbuckles
- ◆ DIN1480 Turnbuckles
- ◆ JIS Opened turnbuckles
- ◆ Korean open model turnbuckles
- ◆ US turnbuckles

Process: Hot forging

Material: St 37, St 52, carbon steel , stainless Steel

Finsh: Plain, Zinc Plated, H.D.G

Shackles



Product Name: Shackles

Type:

- ◆ BS 3032 Large Bow Shackle with type A screw collar pin
 - ◆ Commercial Shackles
 - ◆ DIN 82101 Dee Shackles
 - ◆ JIS Shackles
 - ◆ Large Dee Shackle to BS 3032 and BS6994
 - ◆ US type High Tensile Shackle
- ① G-210 High Tensile Shackle, 6 time safety
 - ② G-209 High Tensile Shackle, 6 time safety
 - ③ G-2150 High Tensile Shackle, 6 time safety
 - ④ G-2130 High Tensile Shackle, 6 time safety

Process: Hot Forged

Material: Carbon Steel, Alloy Steel, High Tensile Steel
Surface Treatment: Plain, Zinc Plated, H.D.G, Painting

CE Certificate

Certificate of Conformity



CERTIFICATE

of conformity

Machinery Directive 2006/42/EC
Certificate No. 005010111901a

Holder: Qingdao New International YuanDong Mechanical and Electrical Parts Co., Ltd.
Sanlizhuang, Huanxiu Office, Jimo City, Qingdao, China

Product Description: Ringing—lifting eye bolts & eye nuts, eye bolts, turnbuckles and shackles

Type And Model: M8 to M100, 1/4" to 1-3/4"

Codes/Standards Applied: BS EN13157:2005, EN1677-2:2000

Technical Construction File
Report Number: XGJ-S068

This certificate of conformity is based on the technical construction file, We hereby certify that the above-mentioned product meets the requirements of EU Machinery Directive 2006/42/EC (As Amended By 98/37/EC) Applied Codes And Standards.




 David Smith
 Manager



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Date Of Issuance : Nov 19, 2010



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 Cod. Fisc. e P.IVA 02 332 750 369
 Reg. Imprese 02 332 750 369
 REA MN 0221098

CERTIFICATE OF COMPLIANCE

Certificado de Conformidade - Сертификат соответствия - Konformitätserklärung


1) APPLICANT: Qingdao New International Yuandong Mechanical & Electrical Parts Co., Ltd. Sanlizhuang, Huanxiu, Jimo City, Qingdao City, Shandong Province, China.	2) CERTIFICATE NO.: IT031634YD160408
3) WITH REFERENCE TO EC DIRECTIVE APPLIED: -	4) CERTIFICATION ISET MARK: 
HARMONIZED STANDARDS APPLIED: DIN 580, DIN 582, DIN 444, DIN 1478, DIN 1479, DIN 1480	
5) PRODUCT CHARACTERISTICS: Bolts And Nuts Of Rings MODEL(S): M8, M10, M12, M16, M20, M24, M30, M36, M42, M48, M56, M64, M72, M80, M100	
REMARK: The verification has been carried out on voluntary application of the manufacturer based only on the documents prepared and provided by the manufacturer itself. The manufacturer is responsible to maintain the internal production control to ensure the compliance of the product. ISET declines any liability with reference to any other document, product or test report that hasn't been submitted to evaluation.	
6) DATE OF ISSUE: 08/04/2016	DATE OF EXPIRE: 07/04/2021


CERTIFICATION MANAGER:





IATF 16949:2016 Certificate

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APPENDIX

to the certificate


Remote support function:
Sales: Qingdao New International IMP & EXP. Co., Ltd.
Third Floor No. 12 Jia of Donghai West Road,
Shinan District, Qingdao City,
Shandong Province, China

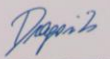
Quality Austria confirms, that the listed remote support functions have been audited as part of the organisation listed on the certificate.

Registration No.: 02041/0
IATF-Registration No.: 0248374
Issue Date: 26 September 2016
Expiration Date: 14 September 2018

Vienna, 26 September 2016

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH,
AT-1010 Vienna, Zelinkagasse 10/3


Konrad Scheiber
General Manager


Ing. Michael Dragosits, MSc
Specialist representative

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CERTIFICATE

Quality Austria - Trainings, Zertifizierungs und Begutachtungs GmbH awards this **qualityaustria** certificate to the following organisation:

This **qualityaustria** certificate confirms the application and further development of an effective

**QINGDAO NEW INTERNATIONAL
YUANDONG MECHANICAL &
ELECTRICAL PARTS CO., LTD.**
Sanlizhuang, Huanxiu, Jimo City, Qingdao City,
Shandong Province, China.

QUALITY MANAGEMENT SYSTEM
complying with the requirements of standard
ISO/TS 16949:2009
without product design

Forging of metal parts

Registration No.: 02041/0
IATF-Registration No.: 0248374
Issue Date: 26 September 2016
Expiration Date: 14 September 2018

Vienna, 26 September 2016

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ISO 9001:2015 Certificate



Company Profile of Foundry

Qingdao New International Automotive Spare Parts Co., Ltd. has two vertical automation molding lines & one Horizontal Molding Line with DISA sand treatment lines and also has four semi-automatic modeling line such as Z148E & Z148T. The foundry has investment casting workshop with lost wax casting, heat treatment workshop, machining workshop with different CNC and numerical control machine tool. The main products is ductile iron casting parts, grey iron casting parts, steel casting parts and investment casting parts. The fast analyzer can control the chemical contents and temperature, which has the advantage in the casting industry. The factory has a strong technical force, advanced products' design, mature technological level and the first-rate engineering technicians and artisans with more than 30 years of casting experience. We can provide all kinds of the casting production of structural parts from automobile valves, chassis to braking system. The products' quality is steady and reliable, and they are the auxiliary products mainly to China heavy duty automobile special vehicles. The factory sell the ductile iron & grey iron casting parts and investment casting parts for railway, train, auto, truck, farm machinery and power industry, which has been won the high reputation.

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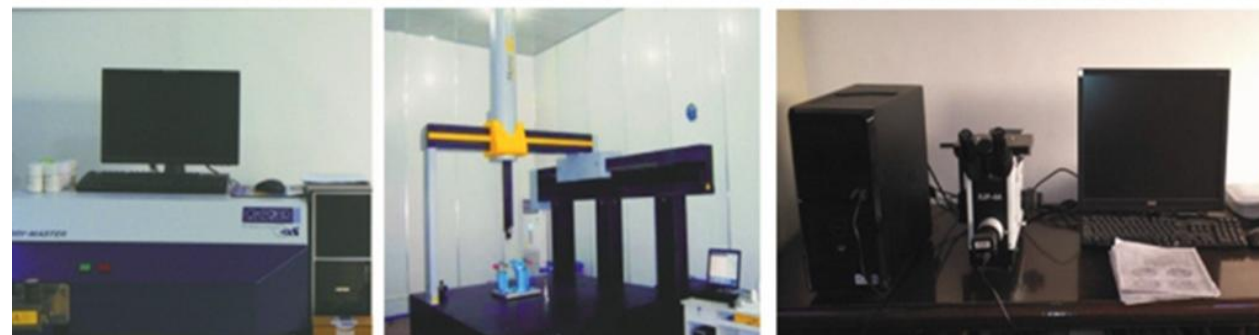
Currently, the forging products have exported to Japan, Korea, Germany, United States and other major markets for automotive industry, train & railway, rigging, construction, shipbuilding, electric power, agricultural machinery and so on.

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Factory View



Laboratory



Horizontal Molding Line



Horizontal Molding Line



Automatic Molding



- ◆ Horizontal Molding Line----SBM540
- ◆ Molding size----510*410mm
- ◆ The production efficiency----100 molding/hour
(The core of practical efficiency)
- ◆ For example----flange joint, one molding is with 4 cavities, the unit weight of casting flange joint is 3.2kg that can finish 1400 pcs as 4480kgs per shift .
- ◆ If the quantity is more 10000 pcs and the unit weight is more than 3kg that can use the horizontal molding line as the customer's request.
- ◆ The PPM can be the best as 1000PPM without CPK request as Horizontal Molding Line produce.
- ◆ The PPM can be the best as 600PPM with CPK request as Horizontal Molding Line produce.
- ◆ The horizontal molding line is applied for producing the casting parts with complex core setting.

First Vertical Molding Line



Vertical Molding Line



Automatic Molding



- ◆ First Vertical Molding Line----XZZ416B
- ◆ Molding size (sand box)----650*535mm
- ◆ The production efficiency----170 molding/hour
(The practical efficiency)
- ◆ The vertical molding line is applied for producing the casting parts with simple core setting.
- ◆ For example----front axle of 195968, one molding is with 2 cavities, the unit weight of casting 195968 is 4.11kg that can finish 2200 pcs as 9000kgs per shift .
- ◆ If the quantity is more 20000pcs and the unit weight is more than 4kg that can use the vertical molding line as the customer's request.
- ◆ For example ---insert metal V-780250, one molding is with 16 cavities, the unit weight of casting V-780250 is 0.55kg that can finish 13000 pcs as 7400kgs per shift .
- ◆ If the quantity is more 80000 pcs and the unit weight is less than 1kg that can use the vertical molding line as the customer's request.

Second Vertical Molding Line



- ◆ second Vertical Molding Line----417
- ◆ Molding size (sand box)----750*535mm
- ◆ The production efficiency----170 molding/hour
(The practical efficiency)
- ◆ The vertical molding line is applied for producing the casting parts with simple core setting.
- ◆ For example ---insert metal V-780512, one molding is with 24 cavities, the unit weight of casting V-780512 is 0.6kg that can finish 13000 pcs as 7800kgs per shift .
- ◆ If the quantity is more 120000 pcs and the unit weight is less than 1kg that can use the vertical molding line as the customer's request.
- ◆ If the quantity is more 30000 pcs and the unit weight is more than 4kg that can use the vertical molding line as the customer's request.

Semi-automatic Casting Production line (Z148E and Z148T Micro Shaking Molding)



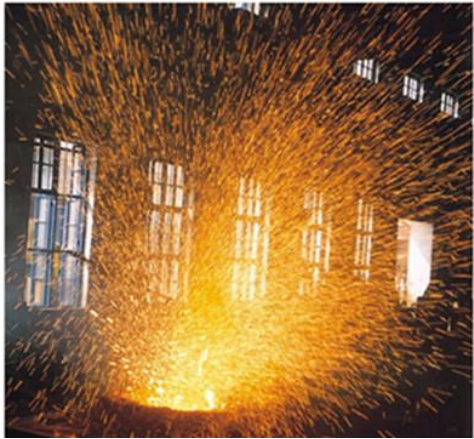
Investment Casting



Investment Casting



Melting and Pouring



The Automatic Sand Mulling of DISA



Wire Feeding Machine

Good Machining Capacity as Advanced CNC



Auto Parts in Casting



Truck Parts in Casting



Train Parts in Casting

Railway Parts in Casting



Agricultural Machinery Parts in Casting



Construction Parts in Casting



Engineering Machinery Parts in Casting



Pillow Blocks in Casting



Grey Iron Casting Parts

Ductile Iron Casting Parts



Steel Casting Parts



Investment Casting Parts



Investment Casting (Stainless Steel) Ductile Iron Casting (QT 800-2)



Stainless Steel Special Bolts
(Self-dumping Truck Parts)
不锈钢手柄 (自卸车配件)



Wind Power Generate Electricity Parts
(Casted Extension Sleeve)
Material:GGG80
Surface Treatment:Zinc Impregnation
风力发电机配件 (扩展套筒) 表面处理: 渗锌

Aluminum Die Casting Components



Thanks !