

QUANTUM CASTING

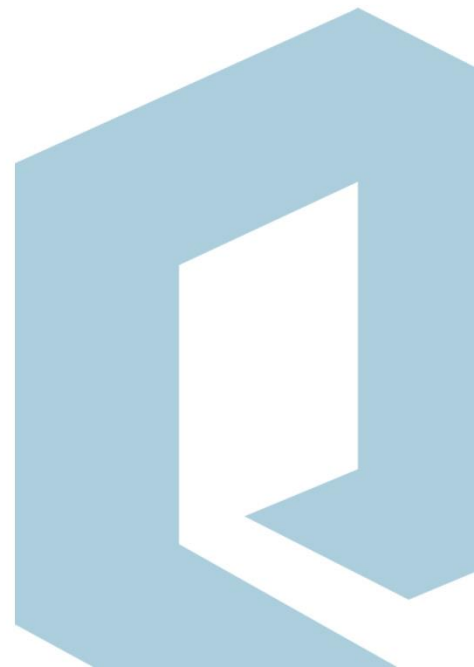
Investment Casting Division



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- 1. About US**
2. Premium Quality
3. Stable Production Capacity and Fast Delivery
4. Product Samples



**Ever Quantum, Inc.**

Taiwan Assembly Plants



EVER Automation (shanghai) Co., Ltd.

Machine Tools and Automation

Quantum Special Metals, Inc.

Quantum Precision Machinery
(Shandong) Co., Ltd.**Metal, Tools and Casting**

Commander Lab Equipment, Inc.

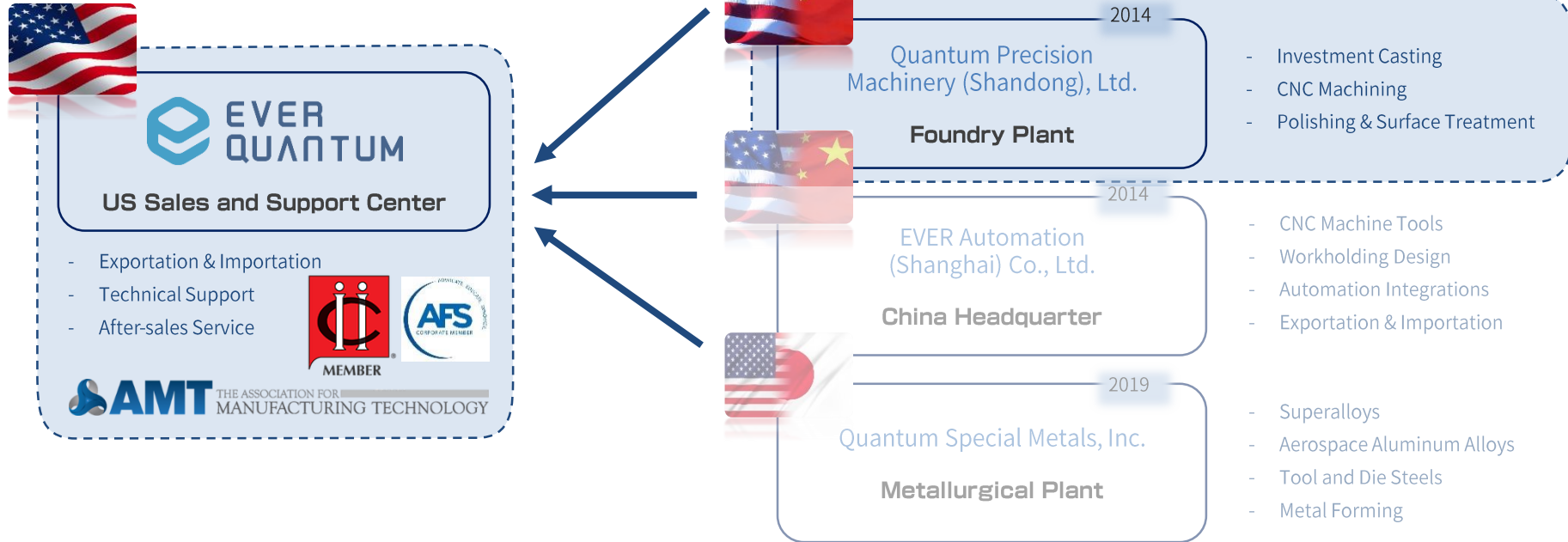


Commander Lab (shanghai) Co., Ltd.

Laboratory Instruments

Idea Geometry, LLC.

Industrial Design





Founded in 2014, Quantum Precision Machinery (Shandong) Co., Ltd. is located in Shandong, China and invested by Ever Quantum, Inc. .

Our major business includes: investment casting, tooling design, CNC machining, polishing and grinding, and surface treatment. The metals we focus on are mainly stainless steels and carbon steels. Our products are mainly serving pumps/valves, marine, automotive and construction machines, household hardware, and medical instruments industries. Our manufacturing capacity is 1.5 million pieces or 600 tons in 2017 and will increase to 3 million pieces or 1200 tons in 2019. Majority of our products are exported to North America, Europe and Korea.


Ever Quantum, Inc. is the member of:

AFS- American Foundry Society

AMT- The Association of Manufacturing Technology

ICI- The Investment Casting Institute



Registrations



营业执照

统一社会信用代码 91370300676822207F

名 称	量子精工机械（山东）有限公司
类 型	有限责任公司(外国法人独资)
住 所	山东省淄博市沂源县沂蒙路2号
法定代表人	何予璐
注册资本	人民币 壹仟贰佰万元整
成立日期	2014年02月19日
经营期限	2014年02月19日至2044年02月16日
经营范围	研发、生产、销售精密机械构件；普通机械设备的维护（不含特种设备）；销售机械及零部件及进出口依法审批批准的项目；经营国家（法律）允许开展的经营活动。（依法须经批准的项目，经相关部门批准后方可开展经营活动，有效期以许可证为准）。

登记机关 2016年05月24日

1. 本营业执照有效期为5年，自2014年02月19日起至2019年02月16日止。有效期满前，企业应当依法办理续展手续。逾期不办理的，视为自动注销。

中华人民共和国国家工商行政管理总局监制



批准证书

CERTIFICATE OF APPROVAL

FOR ESTABLISHMENT OF ENTERPRISES WITH FOREIGN INVESTMENT IN THE PEOPLE'S REPUBLIC OF CHINA

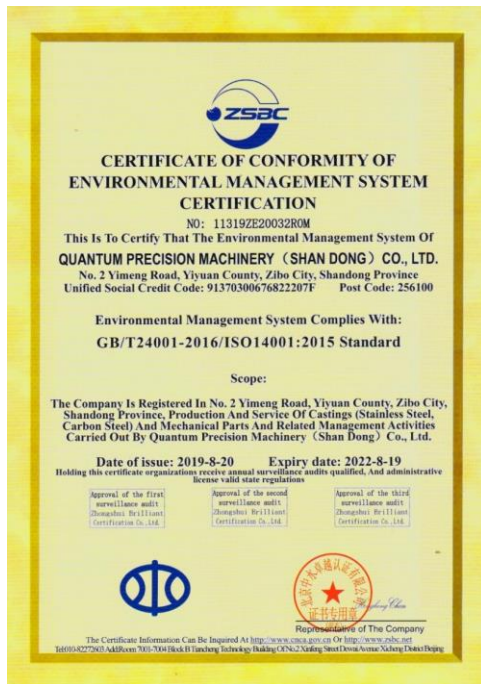
企 业 名 称 NAME OF ENTERPRISE	中文 量子精工机械（山东）有限公司 英文 Quantum Precision Machinery (Shan dong) Ltd		
企 业 地 址 ADDRESS	山东省淄博市沂源县沂蒙路2号		
企 业 类 型 TYPE OF BUSINESS	外资企业	经 营 年 限 DURATION OF OPERATION	拾年
投 资 总 额 TOTAL INVESTMENT	壹仟捌佰壹拾陆万元人民币		
注 册 资 本 REGISTERED CAPITAL	壹仟贰佰万元人民币		
经 营 范 围 BUSINESS SCOPE	研发、生产、销售精密机械构件；新型材料；普通机械设备的维护；批发零售机械及其零部件以及进出口（以上经营范围中不涉及国家贸易管理商品，涉及配额、许可证管理的商品，或行业规定的，按国家有关规定办理）。■		
批 准 号 APPROVAL NUMBER	商外资 鲁南字	字[2014] 0894 号	
进 出 口 企 业 代 码 CODE FOR IMPORT AND EXPORT ENTERPRISE	3700876822207		
批 准 日 期 DATE OF APPROVAL	二〇一四	年 二 月 四 日	
发 证 日 期 DATE OF ISSUE	二〇一四	年 二 月 四 日	
发 证 序 号	3700061486		

投 资 者 名 称 (中、英文) NAME OF INVESTORS (IN CHINESE AND ENGLISH)	注 册 地 PLACE OF REGISTRATION	出 资 额 CAPITAL CONTRIBUTION
Ever Quantum Inc.	美国	以等值于1200万元人民币的美元现汇出资

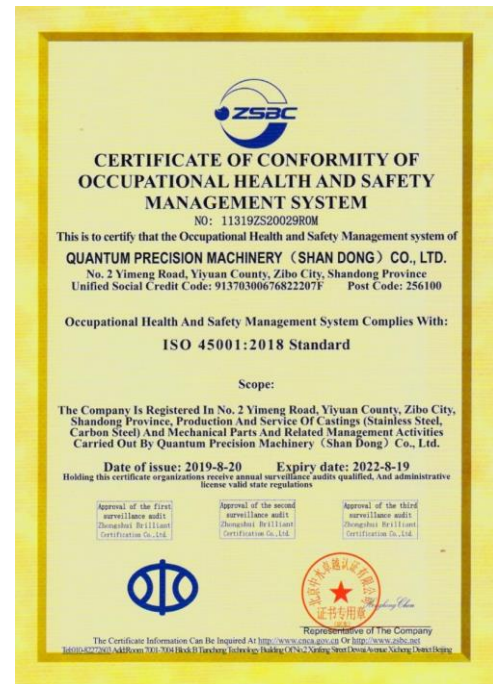
ISO Certificates



ISO 9001
Quality Management



ISO 14001
Environmental Management

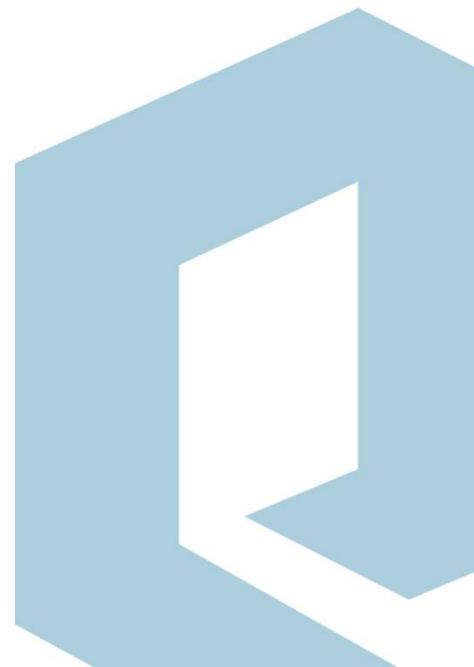


ISO 45001
Occupational Health and Safety Management

Other Certifications and Registrations



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SOP Cards for Ceramic Shell Making



All jobs must follow Standard Operating Procedures and all products will pass strict QC standards before delivery.

Visual Inspection (Final)



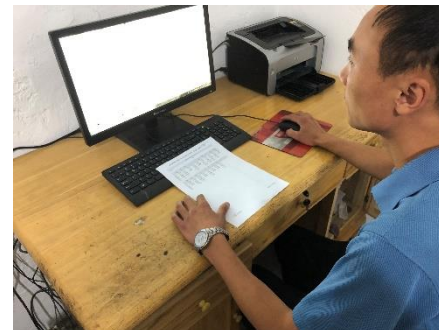
All metals will be tested before and after the casting process. Besides regular mechanical tests, metals will be analyzed by a spark emission spectrometer.

The spectrometer in our testing center is the Bruker Q8 Magellan with customized 36 channels which enables outstanding accuracy, flexibility and reliability.



**We Focus on
Stainless Steels
and
Carbon Steels**

Samples will be stored for
at least 18 months



Customers can either provide the metal tools or we can design and machine the tools upon request. We use machining centers manufactured from our own machine tools department to do the machining.

More than one hundred sprue and runner tools are in stock in order to achieve high-efficient production.



Quantum VM100R VersaTek Machining Center for Tool Machining



Tooling Storage Room





Semi-Automatic Two-Station wax injectors and premium wax guarantees $\pm 0.15\text{mm}$ tolerance for our casting parts.

Semi-Automatic Pneumatic Tool





Molds are made of the mixture of premium colloidal silica, Australia-imported zircon powder and sand to ensure the best smooth finish on the surface.

Temperature, humidity, wind speed are strictly controlled in the drying room to ensure the stability of product quality.





CNC Machine Tools and Technical Support From Our Own Machine Tools Department



EVER HT180SYR Turn-Mill Center

with 2 spindles, Y axis and 16-Tool Servo Turret
for Complex Rotary Parts

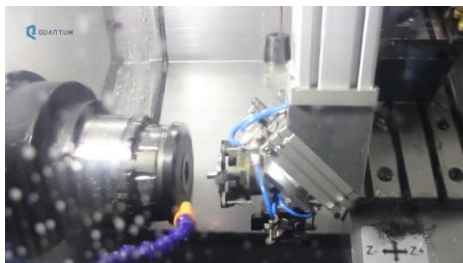


EVER VM1000R Machining Center



Other Machine Tools

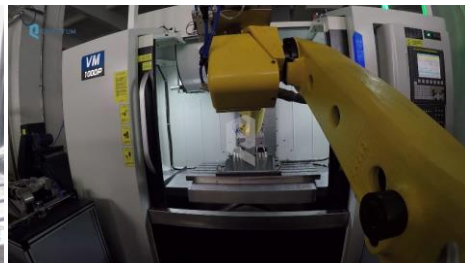
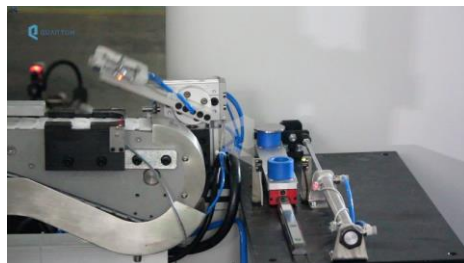
Various CNC/conventional machines are available for lathing, milling, drilling, cutting and grinding.



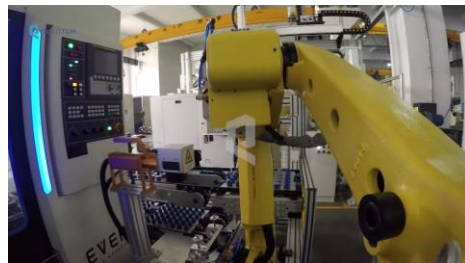
We use our own brand machine tools (QUANTUM).
Our sister company EVER Automation is an experienced automatic integration provider.



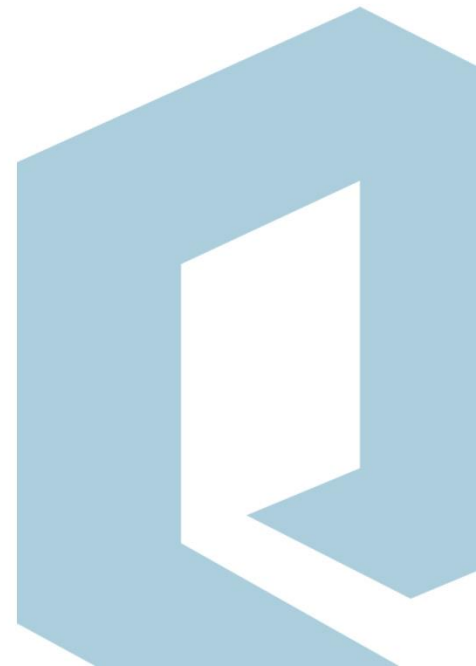
Scan the QR codes for videos of automation projects from EVER Automation (shanghai) Co., Ltd.



Our goal is providing products with premium quality, high cost-efficiency and short delivery time. Therefore, we always choose the optimized manufacturing processes for our products. With our sister companies' support, we are able to upgrade our production lines to fully automatic/intelligent if there are stable large quantity same parts order requests.



1. About US
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4. Product Samples



• Stable and Skilled Team

- 110 Full-time employees and 7*24 three-shift
- Employees from local + downtown (daily shuttle bus)
- Skilled and experienced workers (90% between 25-40 years old)
- 20% more salary than local average
- Strictly social insured obeying national laws and standards

• National Environmental Protection and Safety Certifications

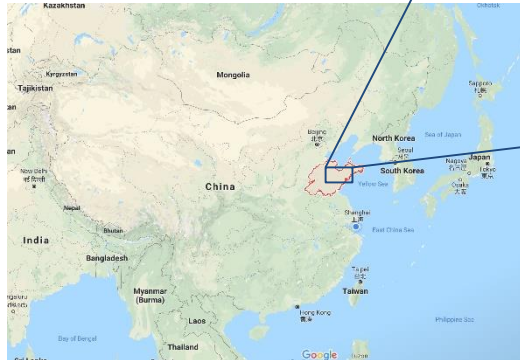
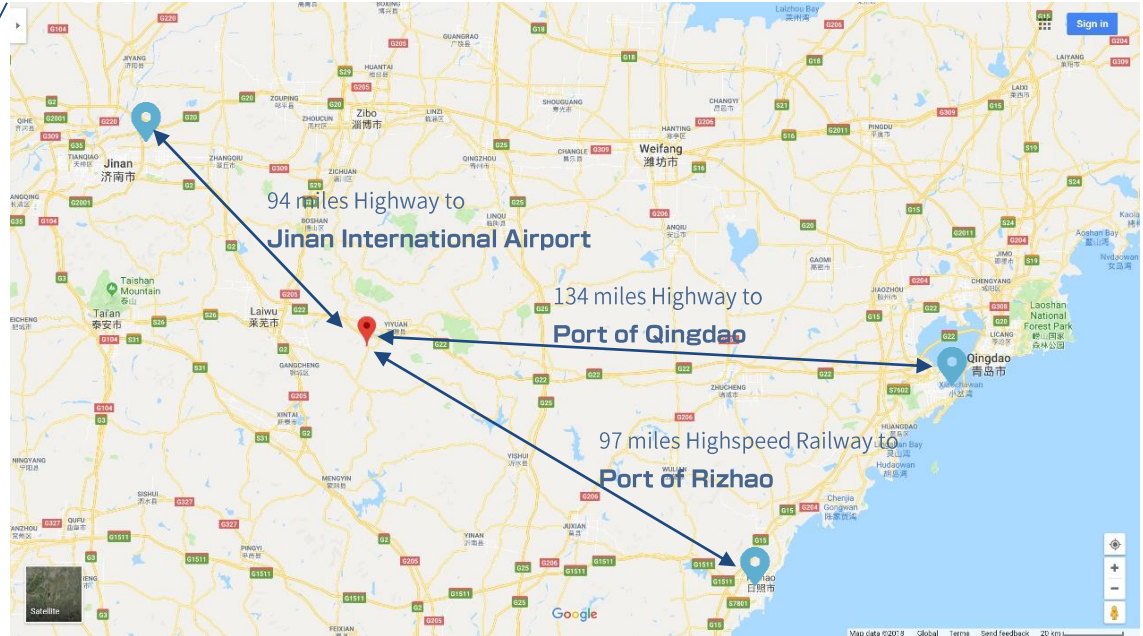
- Passed all national environmental protection certifications
- Strictly Obeying all national safety laws and regulations
- Orders doubled during 2017 when the Chinese government takes 0 tolerance on environmental and safety issues

• In-house Inspection, Machining, Polishing and Surface Treatment

- Major processes are finished in-house including pickling and passivating
- Most machining especially complex machining is finished in-house
- CNC machine tools, technical support and automation upgrading available from our subsidiary companies



Convenient Location and Efficient traffic enables Fast Delivery



**Foundry Located in Shandong Peninsula
CHINA 256100**



1.5-hr Drive to **Jinan International Airport**

Air shipping to US/ Europe

usually takes 2-5 business days

(for prototypes shipping)



2.5-hr Drive to **Port of Qingdao**

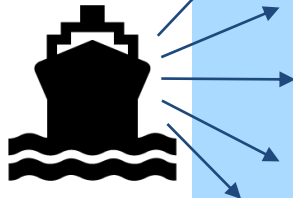
(18,260m TEUs in 2017 #8 in the world)



3 stops to **Port of Rizhao** (3,010m TEUs in 2016)

Trough Shanxi-Henan-Shandong Railway

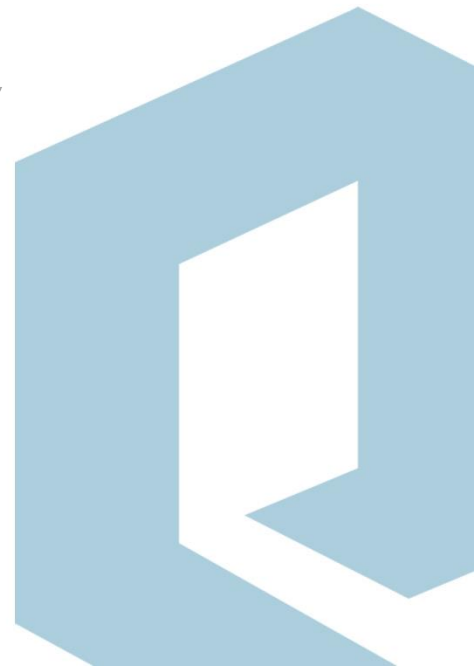
(world's longest heavy freight railway with 120mph top speed)



From Our Factory to North America



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- **Marine**

- Outboard Propellers
- Handles, Hinges
- Rod holders, Cup holders

- **Pumps and Valves**

- Water treatment
- Oil industry

- **Construction Hardware**

- **Automobile and Construction Machines**

- Exhaust parts
- Engine parts
- Handles, Hinges

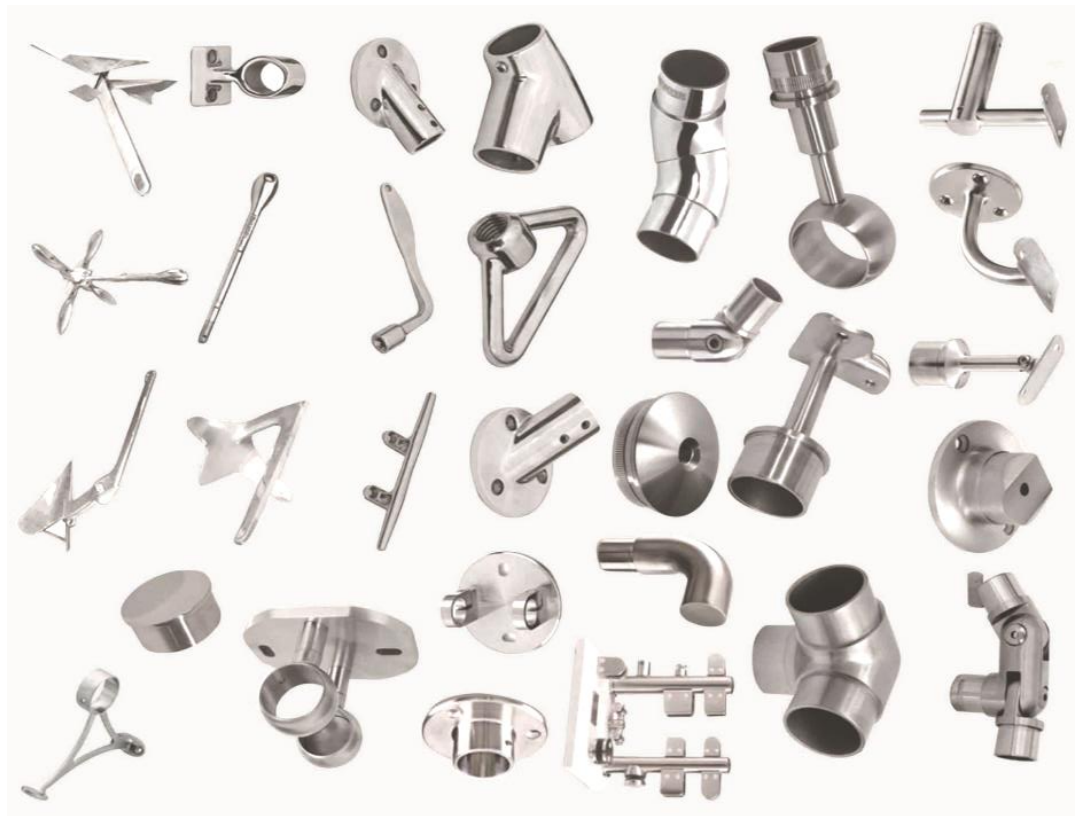
- **Brewery Industry and Food Processing**

- Beer taps
- Blenders

Our specialty is manufacturing stainless-steel parts with high requirements for anti-corrosion ability and durability.









Pumps/Valves



Marine, Automobile and Construction Machines



Construction and Household Hardware



Food Industry/ Processing



Other Industries



THANK YOU !

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www.quantumcasting.com

