




# 2013 Company Presentation

## Ningbo Xusheng Die Castings USA



TS16949 - QS9000 - ISO14001 Certified

Driven by a workforce of more than 500 people, using the most efficient production methods to manufacture parts economically and efficiently with consistent quality.

Continue 

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# COMPANY PROFILE & OVERVIEW

# Why Ningbo Xusheng Die Castings USA?



Since 1995, the core competencies at Ningbo Xusheng Die Castings USA include: mold design and making, in-house melting and alloying, die casting, secondary machining, finishing and assembly.

**We can help your cost reduction strategies by at least 10% to 20%.**



Watch our Interactive Video Tour

## Die Casting solutions from China

**Our Die Casting machines tonnages size ranges from 160T to 1,400T**

Being a Tier I / II supplier to leading OEMs require high quality Zinc and Aluminum die castings, at affordable pricing.

The Manufacturing Team is capable of meeting the most critical dimensional requirements.

# Our Manufacturing Facility in China



**World-Class Tier I/II OEM Supplier of Aluminum and Zinc Die Castings**



**We have experience with the following industry types:**

- ✓ Automotive
- ✓ Agricultural
- ✓ Commercial Vehicle
- ✓ Electronics / Electrical
- ✓ Heavy Equipment
- ✓ Off-Highway
- ✓ Industrial
- ✓ Maritime
- ✓ Motorcycle
- ✓ Tactical & Firearms

# Our New Jersey Headquarters



**North American Sales Headquarters and Supply Chain Management serving USA and Mexico**



**Serving OEMs in the USA**

**50,000 sq. ft. Warehouse**

**JIT Delivery Capabilities**

**Serving OEMs in Mexico**

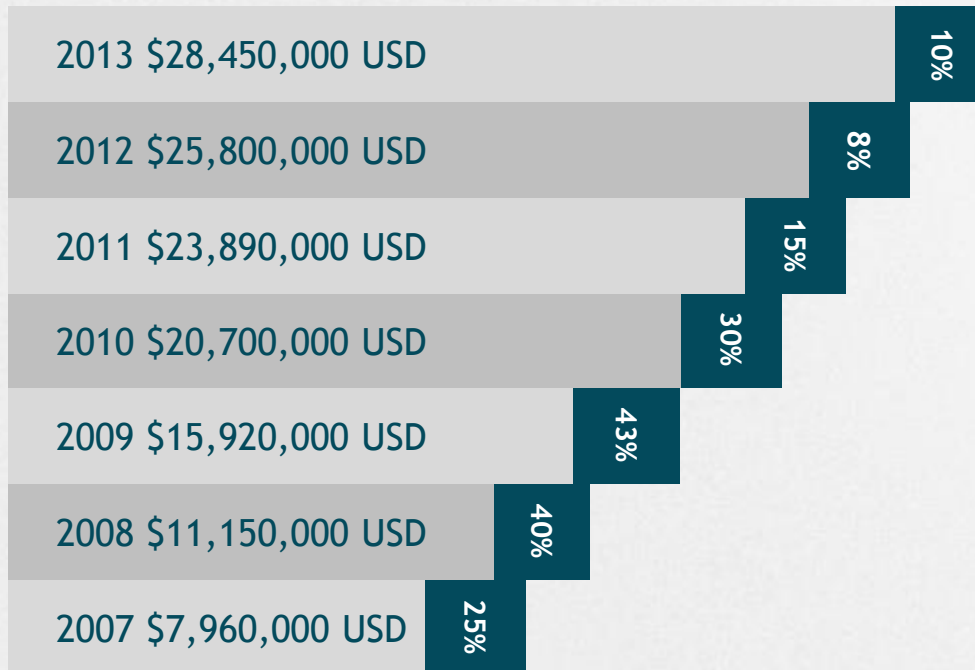
**75,000 sq. ft. Warehouse**

**JIT Delivery Capabilities**



# Financial Sustainability

Our domestic and international sales continue to steadily grow each year



## 2014 FORECAST

10% Sales Increase  
\$31,300,000 USD

# Highlights and Features

A certified supplier to OEMs of all sizes throughout the United States and Mexico

## 01. Product Quality

Our cutting-edge processes and procedures assure the integrity of the components we produce

## 02. Service Commitment

Our core philosophy of serving our customer needs is the driving force behind our company

## 03. Competitive Pricing

Our parts give competitive pricing without reducing our top level workmanship quality

## 04. Delivery Options

Warehouses in New Jersey & Mexico are set up for in stock programs to match your inventory needs

By having our complete machining capabilities and secondary services under one roof, we can pass our savings onto our customers with competitive pricing options.

# QUALITY CERTIFICATIONS

# ISO/TS 16949:2009



**CERTIFICATE OF ASSESSMENT**

AQA International, LLC, attests that:

**Ningbo Xusheng Machinery Co., Ltd.**

No. 68, North Yanshan River Road, Beilun District,  
Ningbo City, Zhejiang Province, China 315806

with a scope of

**Manufacture of Aluminum & Zinc Die Casting Parts  
(Reflector Support Bracket)**

Exclusions: Product Design

is in compliance with the Technical Specification ISO/TS 16949:2009

The effectiveness of this certificate shall be validated by periodic surveillance audit of AQA for maintenance.  
Validity of certificate please visit at [www.aqachina.com](http://www.aqachina.com)

AQA Certificate No.: CN00013484  
IATF Certificate No.: 0140173  
Registration Period: 05/24/2012 To 05/23/2015  
Initial Registration Date: 05/24/2012

  
CEO, AQA International

 801 Commerce Drive NE  
Columbus, South Carolina 29223, USA  
Tel: +800) 281 4384  
Fax: +803) 779 8109 

**认证证书**

美国质量认证(AQA)国际有限公司

兹证明

**宁波旭升机械有限公司**

中国浙江省宁波市北仑区沿山河北路  
68号 315806

认证范围:

铝锌合金压铸件(反光镜支撑架)的制造

删减: 产品设计

符合 ISO/TS16949: 2009 技术规范

证书的有效性须经 AQA 的定期监督审核确认  
有效性请查阅 [www.aqachina.com](http://www.aqachina.com) 网站

AQA 证书编号: CN00013484  
IATF 证书编号: 0140173  
注册周期: 05/24/2012 至 05/23/2015  
初始注册: 05/24/2012

  
AQA CEO

 东北南大街 501 号  
美国南卡罗来纳州哥伦比亚 29223  
电话: +800) 281 4384  
传真: +803) 779 8109 

# ISO 9001:2008



<div style="text-align: center;">  </div> <p style="text-align: center;"><b>质量管理体系认证证书</b></p> <p style="text-align: center;">兹证明</p> <p style="text-align: center;"><b>宁波旭升机械有限公司</b></p> <p style="text-align: center;">中国浙江省宁波市北仑区沿山河北路 68 号</p> <p style="text-align: center;">其质量管理体系已通过 <b>Sira Certification Service</b> 的评审, 符合:</p> <p style="text-align: center;"><b>ISO9001:2008 标准</b></p> <p style="text-align: center;">认证范围</p> <p style="text-align: center;"><b>模具设计与制造、铝锌合金压铸件制造和销售</b></p> <table border="0" style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 30%;">证书编号:</td> <td style="width: 30%;">127150</td> <td style="width: 40%; font-size: small;">此中文证书为翻译版本, 必须与英文证书共同使用。 This is only a translation for the English certificate; it must be used with English version for the same purpose &amp; will be no longer in force.</td> </tr> <tr> <td>首次颁发证书日期:</td> <td>2012-03-20</td> <td></td> </tr> <tr> <td>签发/重新颁发日期:</td> <td>2012-03-20</td> <td></td> </tr> <tr> <td>证书有效期至:</td> <td>2015-03-13</td> <td></td> </tr> </table> <p style="font-size: small; margin-top: 20px;">本证书如逾期未接受审核或审核不合格, 则认证资格按标准要求对获证组织执行定期监督审核, 证书是否有续必须咨询 <a href="http://www.sira.com.cn">http://www.sira.com.cn</a> 获证组织信息中心查询。</p> <hr/> <p style="text-align: center;"><b>Sira Certification Service</b></p> <p style="font-size: x-small; text-align: center;">12 Ascom Industrial Park, Claydon Road, Claydon, Suffolk, IP81 4RL, England. Email: <a href="mailto:management@sira-certification.com">management@sira-certification.com</a> This certificate remains the property of Sira and shall be returned when requested to do so by the certificate holder and without charge. Registered Office: 12 Ascom Industrial Park, Claydon Road, IP81 4RL, Suffolk, UK</p>	证书编号:	127150	此中文证书为翻译版本, 必须与英文证书共同使用。 This is only a translation for the English certificate; it must be used with English version for the same purpose & will be no longer in force.	首次颁发证书日期:	2012-03-20		签发/重新颁发日期:	2012-03-20		证书有效期至:	2015-03-13		<div style="text-align: center;">  </div> <p style="text-align: center;"><b>QUALITY MANAGEMENT SYSTEM CERTIFICATE</b></p> <p style="text-align: center;">This is to Certify that the Quality Management System of</p> <p style="text-align: center;"><b>NINGBO XUSHENG MACHINERY CO., LTD.</b></p> <p style="text-align: center;"><i>No 68 Yanshan River Road (N) Beilun Ningbo Zhejiang Province P.R. China</i></p> <p style="text-align: center;">has been assessed by Sira Certification Service and found to comply with</p> <p style="text-align: center;"><b>ISO 9001:2008</b></p> <p style="text-align: center;">for the</p> <p style="text-align: center;"><i>Design, manufacture of moulds, Manufacture and sale of aluminium and zinc alloy die castings.</i></p> <table border="0" style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 30%;">Certificate No:</td> <td style="width: 30%;">127150</td> <td style="width: 40%;"></td> </tr> <tr> <td>Date of Initial Certification:</td> <td>20 March 2012</td> <td></td> </tr> <tr> <td>Date of Issue/Renewal:</td> <td>20 March 2012</td> <td style="text-align: right;"></td> </tr> <tr> <td>Renewal Due:</td> <td>13 March 2015</td> <td style="text-align: right;">On behalf of SCS</td> </tr> </table> <p style="font-size: x-small; margin-top: 20px;">This certificate is issued to the company maintaining its system to the required standards, which will be reviewed by Sira. The use of this Certificate and the Sira Certification Mark are subject to the Regulations Applicable to Holders of Sira Certificates.</p> <hr/> <p style="text-align: center;"><b>Sira Certification Service</b></p> <p style="font-size: x-small; text-align: center;">12 Ascom Industrial Park, Claydon Road, Claydon, Suffolk, IP81 4RL, England. Email: <a href="mailto:management@sira-certification.com">management@sira-certification.com</a> This certificate remains the property of Sira and shall be returned when requested to do so by the certificate holder and without charge. Registered Office: 12 Ascom Industrial Park, Claydon Road, IP81 4RL, Suffolk, UK</p>	Certificate No:	127150		Date of Initial Certification:	20 March 2012		Date of Issue/Renewal:	20 March 2012		Renewal Due:	13 March 2015	On behalf of SCS
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# ISO 14001:2004



DIRECT ASSESSMENT SERVICES	 <b>Environmental Management System</b> <b>Certificate of Approval</b> <i>This is to certify that the Environmental Management System of</i> <b>宁波旭升机械有限公司</b> 浙江省宁波市北仑区沿山河北路68号 <i>Has been assessed and found to meet the requirements of</i> <b>ISO14001:2004</b> 铝锌合金压铸件的生产和销售及相关环境管理活动	DIRECT ASSESSMENT SERVICES
	Certificate Number: <b>EC17111104</b> Date of Issue: 2011年11月25日 Valid until: 2014年11月24日 Authorized by:  Senior Executive	
	  	
	Surveillance Audit 	
	<small>DAS Certification Ltd, Company Number: 130426, 1 Wellington Close, Haverhill, Hampshire PO9 0ER UK          China Head Office: Shanghai DAS Certification Limited          Address: 14A, Tower 6, Victoria Plaza, No. 1068 Yixiang Road, Shanghai 200040, P.R. China          Tel: 8666-21-62779191 Fax: 8666-21-62880319 Website: http://www.das-china.com</small>	
	 <b>Environmental Management System</b> <b>Certificate of Approval</b> <i>This is to certify that the Environmental Management System of</i> <b>Ningbo Xusheng Machinery Co., Ltd.</b> No 68 North Yashan River Road, Beilun, Ningbo City, Zhejiang Province, China <i>Has been assessed and found to meet the requirements of</i> <b>ISO14001:2004</b> Manufacture and Sale of Aluminum-Zinc Alloy Die-Casting Parts and Related Environmental Management Activities	DIRECT ASSESSMENT SERVICES
	Certificate Number: <b>EC17111104</b> Date of Issue: 25. November, 2011 Valid until: 24. November, 2014 Authorized by:  Senior Executive	
	  	
	Surveillance Audit 	
	<small>DAS Certification Ltd, Company Number: 130426, 1 Wellington Close, Haverhill, Hampshire PO9 0ER UK          China Head Office: Shanghai DAS Certification Limited          Address: 14A, Tower 6, Victoria Plaza, No. 1068 Yixiang Road, Shanghai 200040, P.R. China          Tel: 8666-21-62779191 Fax: 8666-21-62880319 Website: http://www.das-china.com</small>	

# GB/T28001-2001



# MOLD DESIGN & PRODUCTION

NINGBO XUSHENG DIE CASTINGS USA  
Get started today - 848.444.9555

[DieCastingsChina.com](http://DieCastingsChina.com)

# Mold Design & Planning



**Designing custom molds to produce high quality parts that exceed project requirements**

Our Engineering Team utilizes cutting edge computerized modeling software to simulate the filling, cooling and expected shrinkage for highly complex components.

This technique allows for thorough evaluation and refinement of the tooling design before tooling construction begins — and ensures that the tooling will produce the best possible part with optimal production efficiencies.

We can also assist in formulating a comprehensive testing program to ensure the final integrity of your parts.



# Mold Workshop & Equipment



## Workshop Equipment Used

Electric Discharge Machines

Mold Assembling Machines

Linear Cutting Machines

Grinding Machines



# Mold Workshop & Equipment



# MANUFACTURING WORKSHOP

NINGBO XUSHENG DIE CASTINGS USA  
Get started today - 848.444.9555

[DieCastingsChina.com](http://DieCastingsChina.com)

# Manufacturing Workshop Overview

We continue to grow and have the capacity each year to produce more than 200 sets of molds, to manufacture over 5,000 tons of Zinc and Aluminum die cast parts.



## Workshop Equipment Used

Die Casting Machines

Natural Gas Concentration Melting Furnace

CNC Machines

Cleaning & Packaging Machines

# Die Casting Workshop



Our Aluminum and Zinc die casting machines have tonnage ranges from 160T to 1,400T



# CNC Workshop



# CNC Workshop



Machining Center



Machining Process



Machining Center



Ultrasonic Cleaning Center



Infiltration Machine

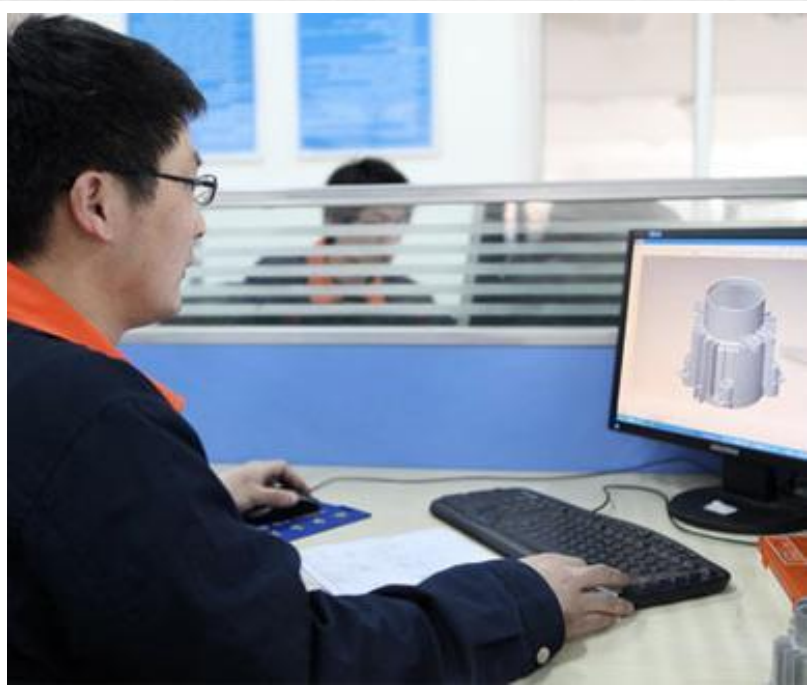


CNC Lathe Section

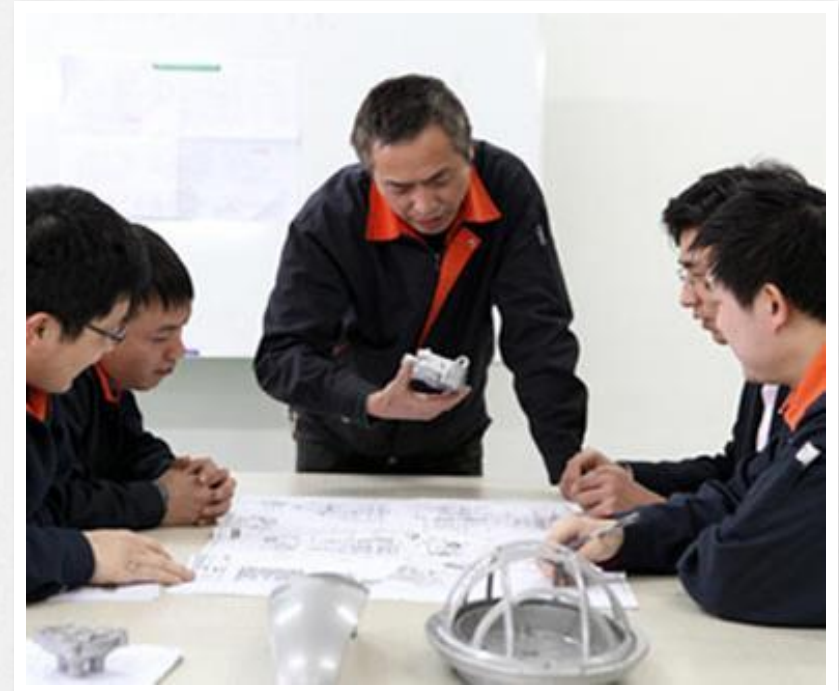
# ENGINEERING & QC DEPARTMENTS

# Engineering Center

Take advantage of the latest computer software and technology to ensure your part integrity



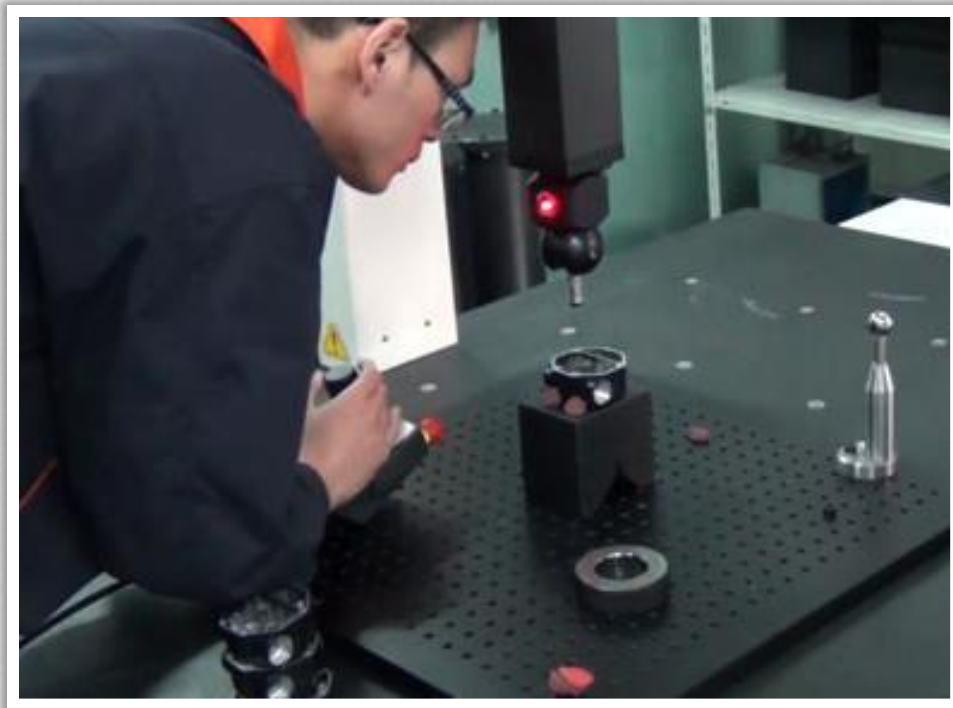
3D Analysis of part structures



Improving product designs for our customers

# Quality Control Department

We are equipped with highly precise testing equipment to serve our Global customer base.



## QC Equipment Used

CMM Machines

Spectographs

X-Ray Flaw Detector

Hardness Tester

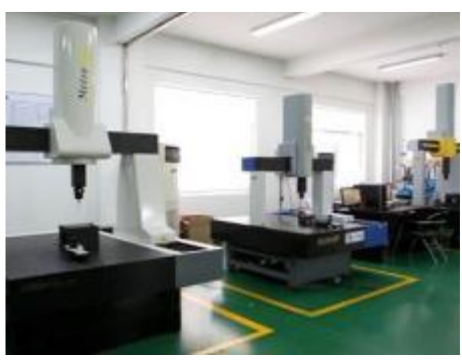
Roughness Tester

Universal Tensile Tester

Salt Spray Tester

Projector

# Quality Control Department



High Precision CMM



Physical Inspection Technician



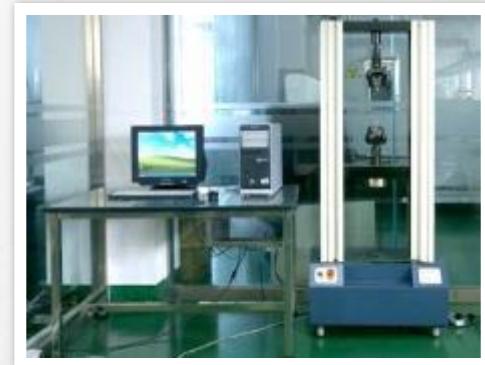
Spectrophotometer



X-Ray Flaw Detector



Projector



Universal Tensile Tester

# Quality Control Department



Salt Spray Tester



Roughness Measurement Test



Hardness Tester



Inspection and Testing Center

# CUSTOMER PORTFOLIO

# Serving Customers around the World

Our customer base shows our exceptional delivery performance as a die casting supplier.



## Clients served in North America








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## Clients served in Europe








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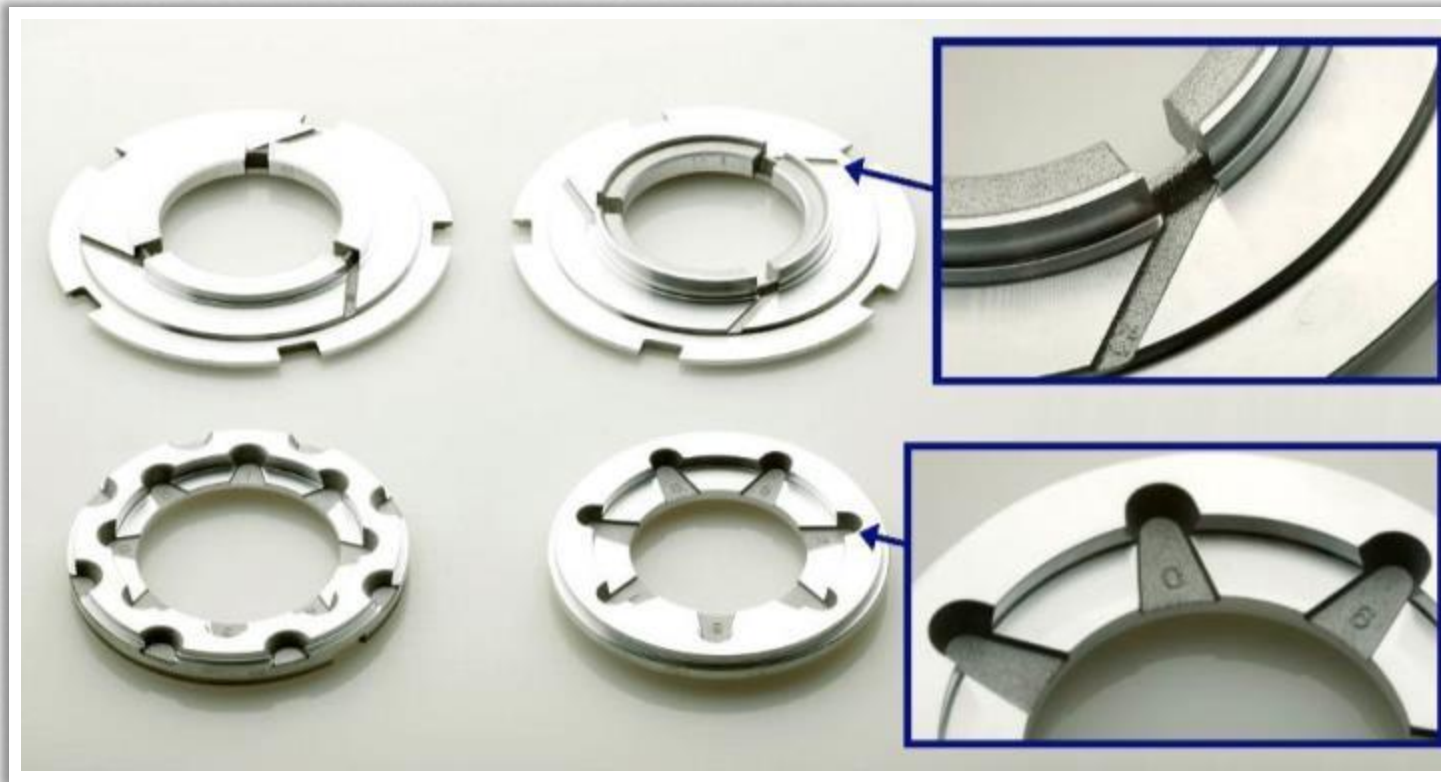
## Clients served in Asia






# Aluminum Thrust Washers

This Powertrain customer supplies these parts to one of America's largest Automotive OEMs



**Weight**

0.4 oz

**Thickness**

0.496"

**I.D.**

3.500

**O.D.**

4.025

**Application**

Torque Converter

**Tightest Tolerances**

+0.00005"/-0.0005"

**Production Volume**

800K – 1.2MM year

# Torque Converter Stator

Labeled as the “Torque Converter’s Brain” - this critical part features 15 Turbine blades



**Weight**  
2.2 lbs

**O.D.**  
8.0

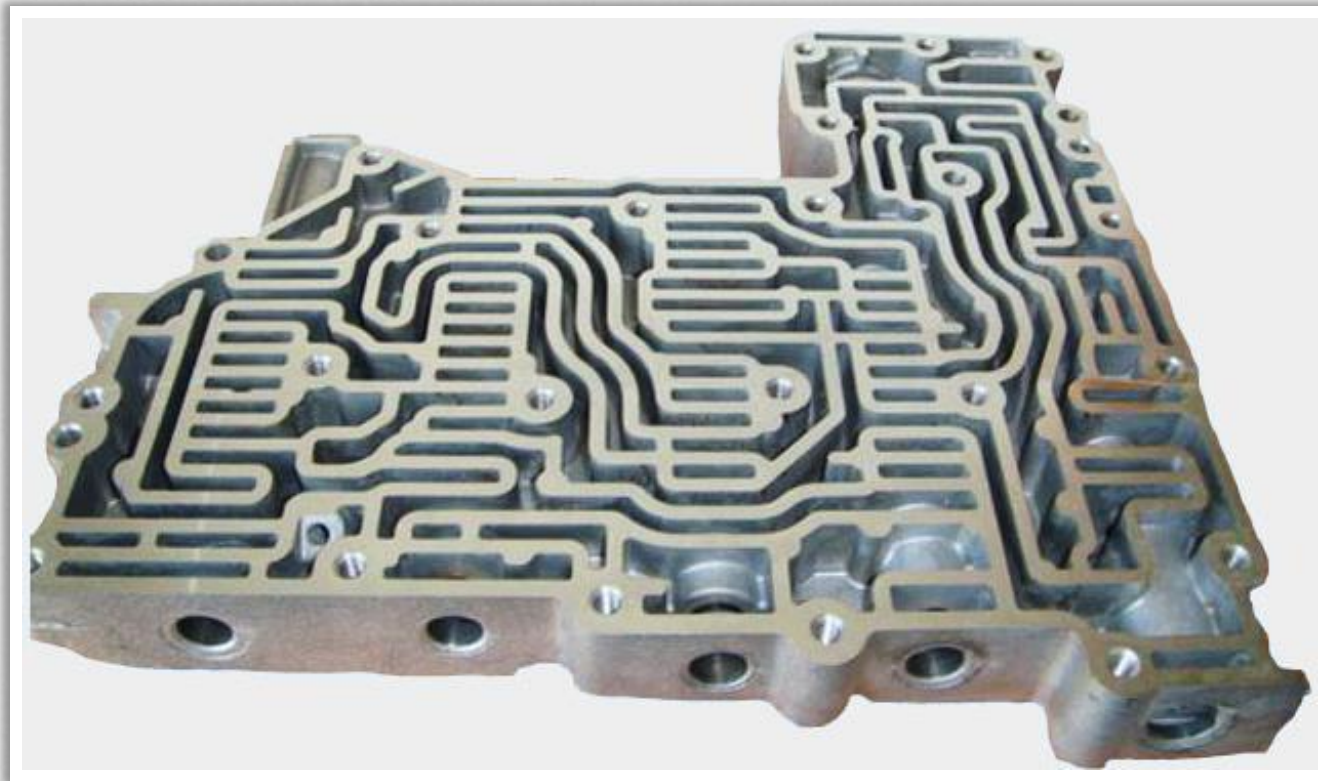
**Balancing**  
4000 RPM

**Application**  
Torque Converter

**Tightest Tolerances**  
 $+0.00005''/-0.0005''$

**Production Volume**  
40K – 50K year

# GM Oil Flow Plate



**Thickness**  
1.786"

**Length**  
11"

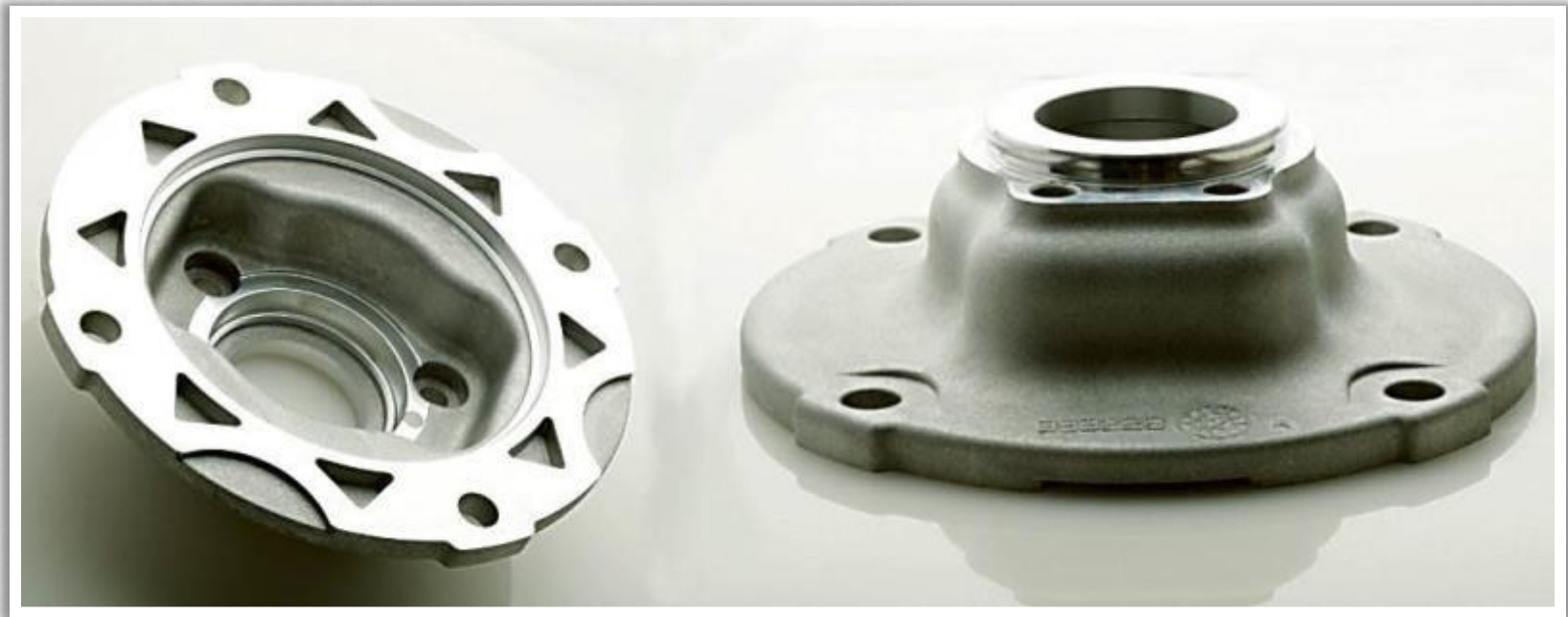
**Width**  
11"

**Application**  
Automatic Transmission

**Production Volume**  
500 year

**Weight**  
2.7 lbs

# Gearbox Motor Adapter



## Application

Transmission

## Tightest Tolerances

+0.0000"/-0.0005"

## Production Volume

40K year

## Weight

1 lbs

## Dimensions

6" x 4"

# Aluminum Motor Fan Shell



**Application**  
Electric Motor

**Tightest Tolerances**  
+0.001"/-0.001"

**Production Volume**  
250K year

**Weight**  
0.5 oz

**I.D.**  
1.160

**O.D.**  
7.750

# Aluminum Motor Shell



**Weight**  
2.35 lbs

**Length**  
11.45"

**I.D.**  
6.789

**O.D.**  
6.820

**Application**  
Air Conditioning Unit

**Tightest Tolerances**  
 $+0.001"/-0.001"$

**Production Volume**  
80,000 year

# Engine & Transmission Projects



# Engine & Transmission Projects



# Engine & Transmission Projects



# Engine & Transmission Projects



# Off-Highway & Heavy Equipment Parts



# Off-Highway & Heavy Equipment Parts



# Electrical Parts



# Electrical Parts



# CONTACT US

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Get started today - 848.444.9555

[DieCastingsChina.com](http://DieCastingsChina.com)

# Meet Our North American Team



**Harish Nagpal**  
Director of Engineering

A results oriented executive with over 30 years of experience to improve performance, propel growth and decrease costs in industrial manufacturing and assembly organizations.



**Avi Tobias**  
Director of Sales & Marketing

Sales and marketing executive with over 30 years of experience in new business development, logistics planning and execution of projects. Proven leader with outstanding client relation skills.



**Joe Abouata**  
Internet Marketing & Sales Lead

Over 10 years of experience in digital business development and web marketing strategies. Expertise spans several areas in web analytics, data mining and search traffic generation.

# Contact Ningbo Xusheng Die Castings USA

**Why wait?** Get started today, our sales team is ready to begin quoting your project.



**Address:** 50 Hwy 9, Morganville, NJ 07751

**Website:** [www.DieCastingsChina.com](http://www.DieCastingsChina.com)

**Email:** [info@diecastingschina.com](mailto:info@diecastingschina.com)

**Phone:** 848.444.9555

**Connect with us online:**

