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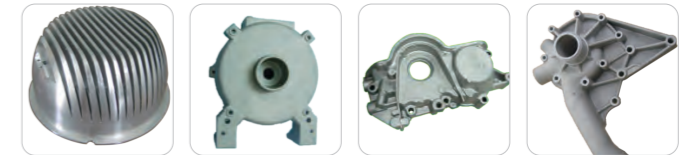
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Shanghai EverSkill M&E Co.,Ltd.

*YOUR PARTNER
FOR SUCCESS*

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Global Customer Service

We anticipate and meet customer needs with the highest quality products and services in a timely and cost effective manner.

World Wide Availability

We support product development cycles with dedicated sales engineering resources and factory that deliver on time, anywhere in the world.

Service

At Everskill, we have built a singular source, under one name, for all your needs. We dedicate our varied resources to provide you with the service in the fastest possible time. Establishing an alliance with Everskill at the start of your project will bring this full spectrum of capabilities to your design team and will ultimately provide you with a competitive advantage.

About EverSkill

We believe that the best way to ensure our success is providing our customers consistent quality products in a timely fashion and at a fair price.

To accomplish this goal, we have engineered an in-house Strategic Coalition Team: make up of the best .This Team has the best qualified participants both internally and externally. The Strategic Coalition Team's mission is to identify and implement continuous improvements. These improvements add value and in turn these value-added benefits are passed onto you, our customer.

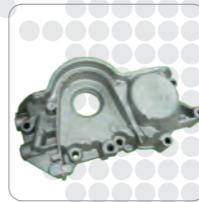
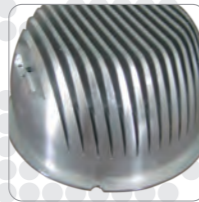
Pride, commitment, and experience are why you should make Everskill as your supplier on die casting.

Quality driven people, dedicate to producing the best product through continuous improvement in communication, training, and service.

EverSkill dedicates to outstanding quality while being ever mindful of our environment. EverSkill is proud to have achieved ISO 9001:2008 Quality Management System Certification as part of a continuous improvement process and our dedication to exceeding our customers' expectations.



ISO 9001:2008



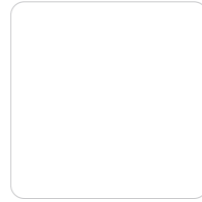
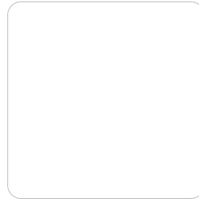
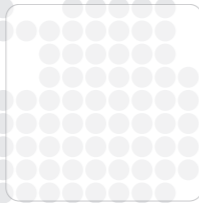
Aluminum Die Casting

Aluminum die casting is a process where molten aluminum alloy is injected into a casting die under high pressure and at a controlled temperature. The mold has two sections, the "cover" half and the "ejector" half. The die may also have additional moveable segments called slides or pulls, which are used to create features such as undercuts or holes, which are parallel to the parting line.

Aluminum die casting dies are run in cold chamber die casting machines. These machines are operated at the required temperatures and pressures to produce a quality part to net-shape or near net-shape specifications. Aluminum die castings can be readily machined, anodized, painted or powder coated.

Some of the more typical applications for aluminum die castings are: enclosures for the electronics industry, hand and power tools, hardware applications, pump parts, plumbing parts, parts for the automotive industries, sports and leisure, home appliances, and communications.

Aluminum Die Casting	Notes
Weight factor comparison: lb. Aluminum	2 1/2 lb. Zinc
Minimum desired wall stock	.08 in. min.
Minimum desired draft	1° min. (per side)
Die life in general	40,000 shots



Zinc Die Casting

A zinc alloy die casting made from Zamak #3 or #5, or a zinc-aluminum alloy casting made from ZA-8 is made in the same general manner as an aluminum die casting. Molten metal is injected into a casting die under high pressure and at a controlled temperature. The metal is rapidly cooled until the solidified part is sufficiently rigid to permit ejection from the mold. The mold has two sections, the "cover" half and the "ejector" half. The die may also have additional moveable segments called slides or pulls, which are used to create features such as undercuts or holes, which are parallel to the parting line.

Zinc die casting dies are run in hot chamber die casting machines. These machines are operated at the required temperatures and pressures to produce a quality part to net-shape or near net-shape specifications. Zinc die castings can be readily machined, plated, painted, or powder coated.

Some of the more typical applications for zinc and ZA alloy die castings are: the electronics industry, hardware, plumbing fixtures, automotive products, parts for the lighting industry, hand and power tools, and sporting goods.

Zinc Die Casting	Notes
Weight factor comparison 1 lb. Zinc	0.4 lb. Aluminum
Minimum desired wall stock	.03 in. min.
Minimum desired draft	1/2° min. (per side)
Die life in general	1,00,000 shots

Die Casting VS. Other Processes

Die casting VS. Plastic injection molding

Die casting produces stronger parts with closer tolerances that have greater stability and durability. Die cast parts have greater resistance to temperature extremes and superior electrical properties.

Die casting VS. Sand & permanent castings

Die casting produces parts with thinner walls, closer dimensional limits, and smoother surfaces. Production is faster and labor costs per die casting are lower. Finishing costs are also less.

Die casting VS. Forgings

Die casting produces more complex shapes with closer tolerances, thinner walls, and lower finishing costs.

Die casting VS. Stampings

Die casting produces complex shapes with variations possible in section thickness. One die casting may replace several stampings, resulting in reduced assembly time.

Die casting VS. Screw machine products

Die casting produces shapes that are difficult or impossible to produce from bar or tubular stock, while maintaining exacting tolerances. Die casting requires fewer operations and reduces scrap.

Die casting VS. Machining Parts from Billets/Bar Stock

Producing parts from billets is a time consuming process that generates significant scrap...it also cuts the grain of the metal which can diminish the ultimate working strength of the machined part. In comparison, many die cast parts can be produced in the same time it takes to machine parts from a billet...and considerably less scrap and waste is produced. Die castings can also be produced with complex shapes not possible from machining. Most importantly, the die casting process inherently compresses metal grain to create high strength, yet lightweight finished parts.

However you look at it, die castings are the smart money choice to improve the performance of your component or finished part.

Die-Casting Aluminum Material Standard

Die-casting Aluminium Standard							
Series	Country	Grade	%				Standard
			Si	Cu	Mg	Fe	
Al-Si	China	YL102	10.0-13.0	<0.6	<0.05	<1.2	GB/T15115-94
	Japan	ADC1	11.0-13.0	<0.10	<0.30	<1.2	JISH5302-82
	American	413	11.0-13.0	<0.10	<0.35	<2.0	ASTMB85-82
	Russia	AJ12	10.0-13.0	<0.6	<0.10	<1.5	TOCT2685-82
	Germany	AlSi12	11.0-13.5	<0.1	<0.05	<1.0	DIN1725
Al-Si-Mg	China	YL104	8.0-10.5	<0.3	0.17-0.3	<1.0	GB/T15115-94
	Japan	ADC3	9.0-10.0	<0.6	0.40-0.60	<1.3	JISH5302-82
	American	360	9.0-10.0	<0.6	0.40-0.60	<2.0	ASTMB85-82
	Russia	AJ14	8.0-10.5	<0.1	0.17-0.3	<1.0	TOCT2685-82
	Germany	AlSi10Mg	9.0-11.0	<0.1	0.20-0.50	<1.0	DIN1725

Die-casting Aluminium Standard							
Series	Country	Grade	%				Standard
			Si	Cu	Mg	Fe	
Al-Si-Cu	China	YL112	7.5-9.5	3.0-4.0	<0.30	<1.2	GB/T15115-94
		YL113	9.6-12.0	1.5-3.5	<0.30	<1.2	
	Japan	ADC10	7.5-9.5	2.0-4.0	<0.30	<1.3	JISH5302-82
		ADC12	9.6-12.0	1.5-3.5	<0.30	<1.3	
Al-Mg	American	380	7.5-9.5	3.0-4.0	<0.10	<1.3	ASTMB85-82
		383	9.5-11.5	2.0-3.0	<0.10	<1.3	
	Russia	AJ16	4.5-6.0	2.0-3.0	<0.10	<1.3	TOCT2685-82
	Germany	AlSi8Cu3	7.5-9.5	2.0-3.5	<0.30	<1.5	DIN1725
Al-Mg	China	YL103	0.8-1.3	<0.10	4.5-5.5	<1.2	GB/T15115-94
	Japan	ADC5	<0.30	<0.20	4.0-8.5	<1.8	JISH5302-82
	American	518	<0.35	<0.25	7.5-8.5	<1.8	ASTMB85-82
	Germany	AlMg9	<0.50	<0.05	7.0-10.0	<1.0	DIN1725

JOIN US!



Sales Network

“Satisfying Our Customers
Equals To Satisfy Ourselves”

Key Partners

Icon fitness		Enoc System	
Blend Tec		Thule	
Special Ops		Bright Group	
Kwik-Wall		Luxfer Cylinder	
Dana			

Our Sales Network

“Satisfying our customers equals to satisfy ourselves”, based on optimizing our resource and good quality and management system, we keep on developing and innovating to offer our clients the best solution; At the same time our products are also exported to America, Germany, France, Switzerland, Italy Japan, Korea etc our ten countries in the world and we found permanent and stable cooperative relation with them; We will also make good use of our advantage of advanced technique to promote new materials in the new fields and to head and fit the changeable requirement