



**Manufacturing quality precision investment castings
across all industries for over 50 years.**

The Company

Lestercast is a leading manufacturer of high quality precision investment castings. We manufacture components in a range of metals and specialist alloys for major OEM's and customers across the globe. The versatility of the investment casting process ('lost wax' method) provides an effective and economical alternative to other methods of producing metal components.

Operating from ultra modern premises, Lestercast has implemented highly advanced manufacturing processes and rapid prototyping technologies. We continually invest in new technology allowing us to develop new techniques, which keep us at the forefront of manufacturing.

To support our highly skilled manufacturing capabilities, the company also offers a comprehensive range of services such as 3d modelling, 3d printing, toolmaking, machining, heat treatment, surface finishing, inspection and stockholding facilities.

With over 50 years of expertise our highly experienced staff provide technical advice and support from initial design through to quality assurance.

- Accredited with ISO 9001, IATF 16949 & F4N
- Can supply parts in a range of ferrous, non-ferrous and super alloys
- Superior Quality
- Trusted by the most prestigious manufacturers in Automotive, Marine and Motorsport industries
- 50 Years knowledge & expertise
- UK quality controlled overseas partner option
- Modern premises with the most advanced technology and techniques



Quality Assurance

Over the last 50 years, Lestercast have built a strong reputation for quality precision castings. We believe that we have achieved this through the development of a unique in-house quality management system which tracks improved products and processes. Our system also benefits our customers considerably with an automated report for each new product. This allows our customers to keep up-to-date with the progress of their manufactured part.

Lestercast offer a vast range of inspection services, from visual and gauge checks to x-ray and CMM. We have everything covered to deliver the highest quality components.

Lestercast are accredited with a number of quality approvals including ISO 9001, and the internationally recognised automotive accreditation IATF 16949. We also hold a number of major industry related tier one approvals and a Fit for Nuclear status.

The team are a highly experienced and qualified. Delivering the highest quality components and ensuring customer satisfaction, are extremely important to Lestercast.





Products and Services

Lestercast manufactures bespoke metal parts for a wide range of applications for both industrial and commercial sectors, and is able to produce castings from a single rapid prototyped sample to large production volumes. Components can be produced in various metals, including specialist materials and high temperature alloys, using advanced casting techniques, with additional treatments and finishes applied to meet individual customer requirements.

With the range of materials and processes available, the company can offer flexibility and versatility in component design and production, and its onsite laboratory and testing facilities ensure that specifications are achieved and products meet the highest possible quality standards.

As an experienced and innovative company, Lestercast has a wealth of expertise in taking a project through from concept to production, and can provide full technical advice and support to assist designers and engineers in developing and producing a bespoke component suitable for its application.

We can offer the following services;

Treatments;

- Vacuum Solution Annealing
- Hardening & Tempering
- Normalising
- Annealing
- Precipitation Aging
- Aluminium Heat Treatment
- Nitriding
- Quenching
- Case Hardening/Carburising

Surface finishing.

- Chemical blacking
- Polishing (mirror or satin)
- Black Anodizing
- Painting
- Powder coating
- Plating

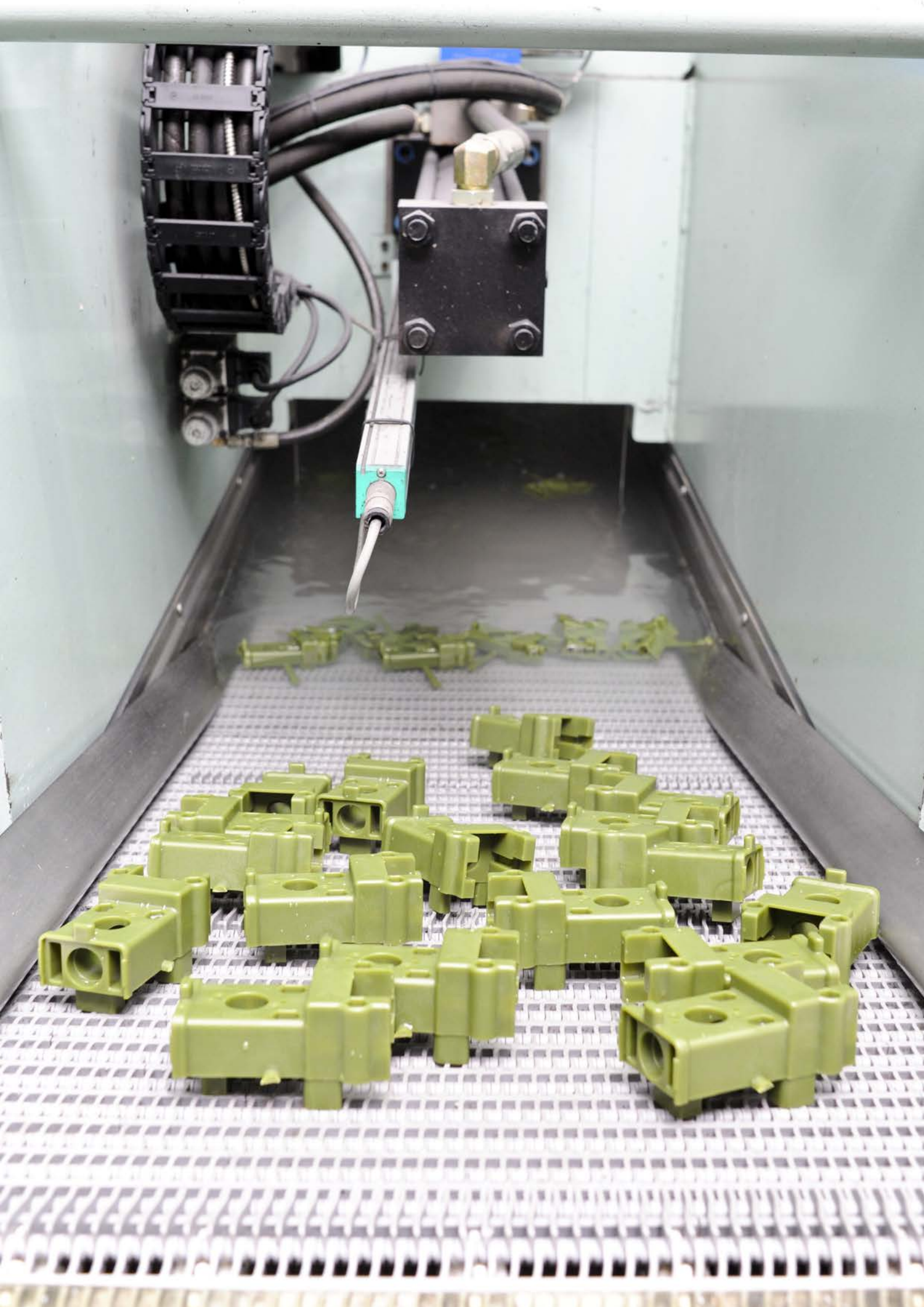
Machining;

- CNC Machining
- Milling
- Turning
- Grinding
- Wire Eroding
- Electropolishing

innovation • quality • excellence



Products and finishes (clockwise): Various aluminium castings • Electro-polished castings for electronics industry • Steel lock assembly • Stainless steel automotive components





Overseas Partner

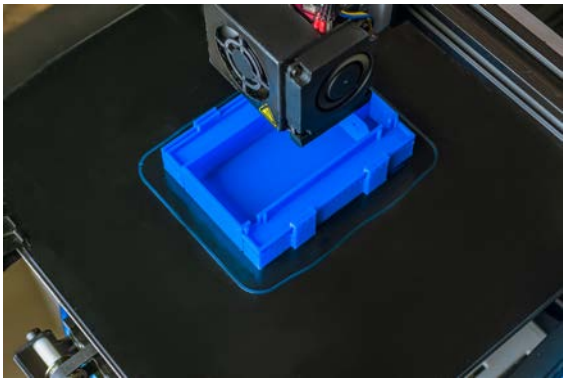
As part of its commitment to offer customers the most competitive prices, Lestercast has established a long-standing and successful working partnership with IATF accredited investment foundries in China, that manufacture quality castings at very competitive rates.

Using modern and highly effective communications technology, Lestercast is able to process and monitor customer orders efficiently with its Chinese partner and ensure deliveries meet scheduled targets. Rigorous quality controls are applied to all imported castings to ensure they adhere to Lestercast standards.

In addition, Lestercast offer a stockholding service on-site in the UK and offer scheduled deliveries when required. Lestercast supply numerous parts to its customers through this arrangement, combining the benefits of low pricing from the Far East with the advantage of stringent quality controls from an experienced investment caster, without the complexities of dealing direct.

- Competitive Prices
- Managed by UK
- UK Quality Control
- Secure Stockholding Facility



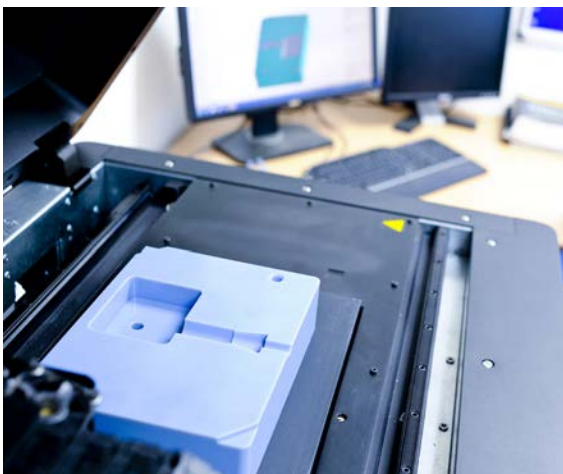


Rapid Prototyping

Lestercast have been using rapid prototyping within our investment casting manufacturing process for over 25 years. With the ability to 3d print patterns, the overall lead times and cost can reduce significantly. 3D printed patterns can be produced in hours and turned into investment castings within couple of weeks, compared to the overall lead time of five to six weeks with conventional methods. This also eliminates the cost of tooling. In addition, the ability to 3d print patterns enables our customers to prototype test products before the cost of tooling.

Lestercast can facilitate the creation of 3D models from CAD files, assisting designers in the development of new engineering projects.

In many cases, the use of rapid prototyping technologies, as part of the investment casting process, provides the capability to achieve complex metal shapes that are impossible to make through other methods. Lestercast offer reverse engineering services using our in-house 3D scanning technology, allowing customers to replicate parts with no existing technical drawings.





Constantly Evolving

The company has an extensive and diverse customer portfolio based not only in the UK but worldwide and includes a number of high profile and prestigious brands.

Lestercast can produce components for both industrial and commercial organisations and has supplied bespoke parts to a wide range of clients from the following sectors:

- general and hi-tech engineering
- automotive and motorsport
- aerospace, rail and marine
- pumps and valves
- safety and locking systems
- medical equipment
- architectural
- artistic and creative models
- environmental technologies
- oil, gas, energy and nuclear



Lestercast is well positioned to offer its customers high quality castings at the most competitive prices, with excellent on-time delivery performance – all part of the total solutions package offered to customers by the Investment Casting Centre. The company welcomes new challenges and continues to set high targets for the future to meet the demands of an ever-changing market and maintain a competitive edge in the industry.



Right: Stainless steel casting supplied to fine finish for high profile client



Visiting Lestercast

Lestercast's Investment Casting Centre is based in the north of Leicester, with easy access to motorway networks, rail connections and all Midlands airports.

We are so proud of our clean, modern facilities that we offer complimentary tours to all new and existing clients. Here, customers get the chance to see the manufacturing process and meet our professional and friendly team. At Lestercast, we will be happy to explain the services available and provide advice and technical support for your project.

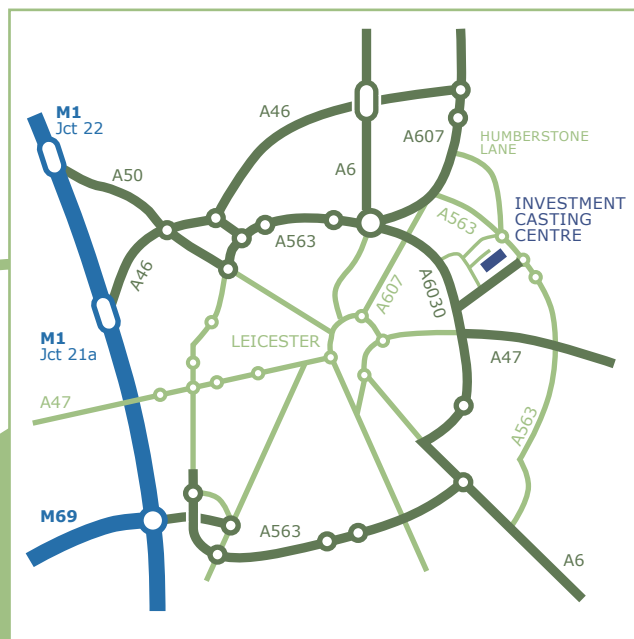


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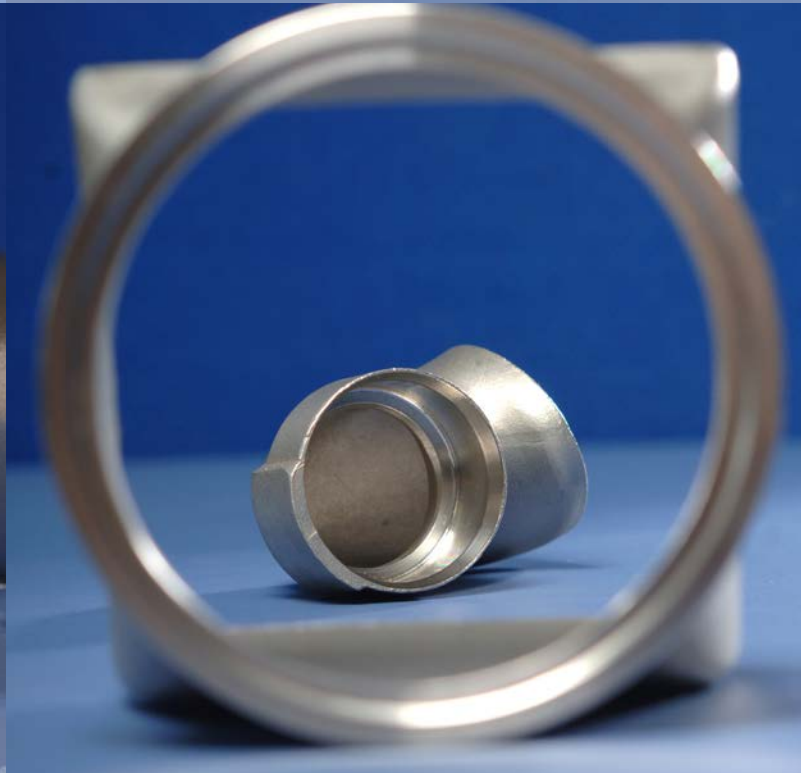
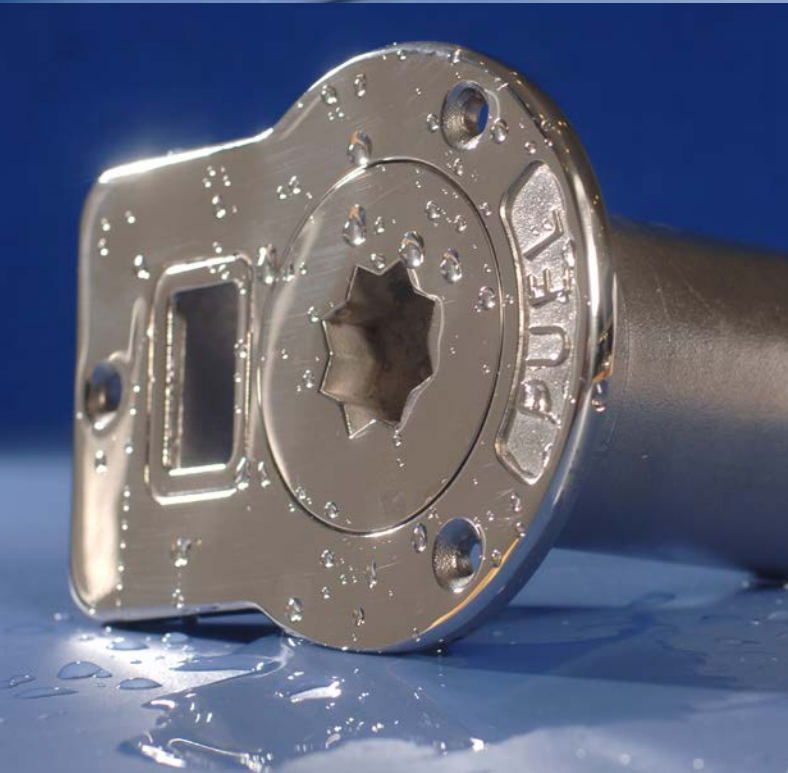
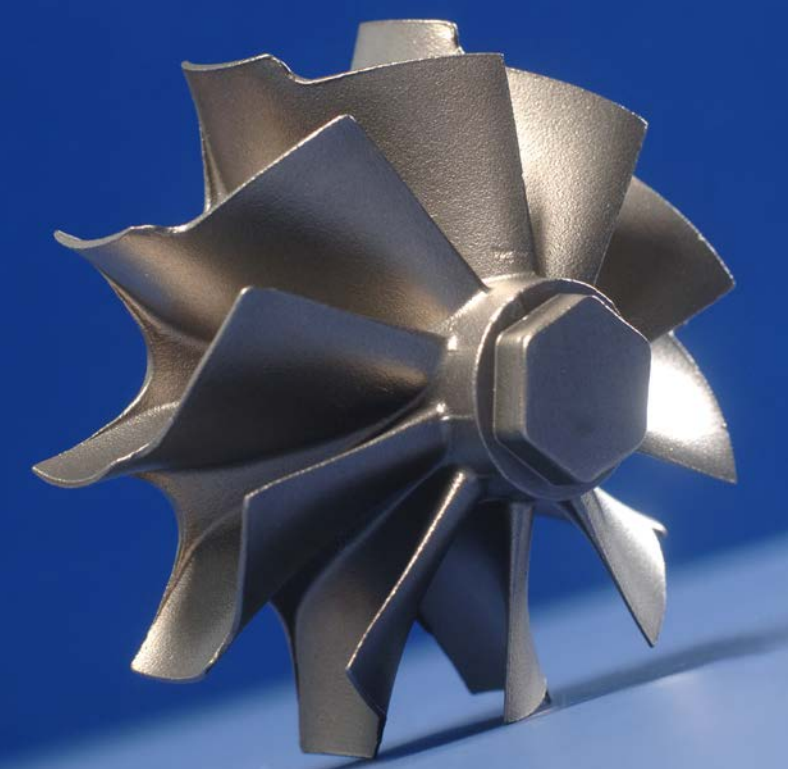


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