

DIE CASTING

Quickparts offers rapid turnaround on strong, durable, dimensionally stable, production parts through our die casting services.

Die casting of aluminium and zinc parts is especially suited for applications where large quantities of small to medium-sized parts are needed with good detail, fine surface quality and dimensional consistency.

We can quote for die casting for volumes of 500 to 50,000 parts. Please enquire with your local sales representative for more details.

Advantages:

- Tooling production
- Very short lead times
- High precision compared to other casting technologies



Lead Times:

6 - 12 weeks from tool design approval to samples is often the case



Dimensional Limitations

Die casting is often limited to about 30kg per part for aluminium and zinc parts.



Typical Applications:

- High-volume metal components
- Automotive powertrain components
- Hand and power tool housings
- Heat sinks
- Pumps and compressors



Materials:

Most die castings are made from non-ferrous metals, specifically zinc and aluminum. The level of versatility offered by die casting has placed it among the highest volume products made in the metalworking industry.



Finishing:

Die-cast components can be finished similar to most metal components. Quickparts can provide painting, plating, polishing, powder coating, and sand blasting where needed.



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+1 931 766 7290 | quickparts.com

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