

Aluminum Powder Metal Technology

As the world's premiere producer of structural aluminum powder metal components, MPP offers an impressive range of expertise, design innovation, and manufacturing capabilities. In fact, since 1991 we've produced more than 300 million parts.

Aluminum PM delivers excellent strength to weight ratio and cost savings, offers complex product forms, and can be engineered for optimum shape and material performance for specific applications.

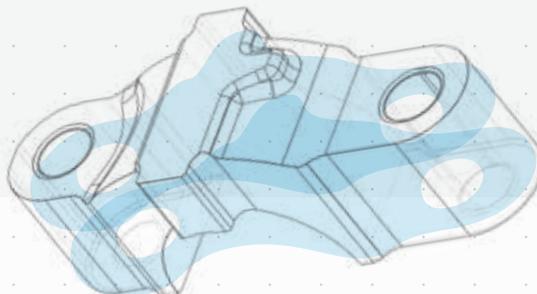
All the Benefits of Aluminum

- Light weight (lower density than other materials)
 - about one-third as heavy as steel or copper
- Highly resistant to corrosion
- Strong - and can be made stronger by alloying
- An excellent conductor of heat and electricity
- Nonmagnetic - useful for magnetic shielding of sensitive electronic components
- Outstanding in cryogenic properties - strong, not brittle, in intense cold
- Highly machinable and responsive to a variety of finishing processes
- Completely recyclable (and, therefore, energy-efficient)

MPP Aluminum PM Expertise Drives Automotive Efficiencies

As the demand for lighter weight, more fuel efficient vehicles grows, MPP fulfills the need with aluminum PM parts for engine, body/chassis, and other applications. Here are some highlights:

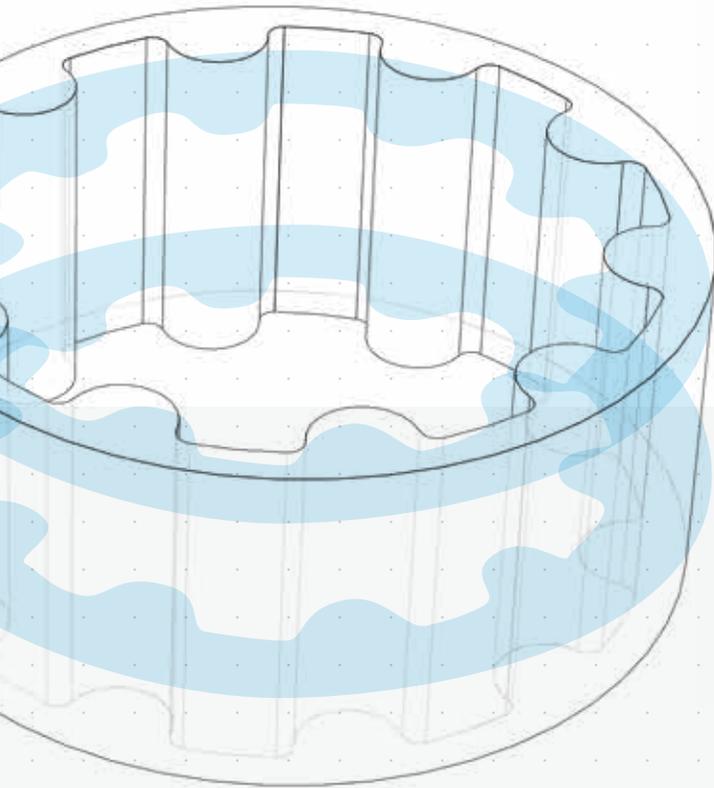
- Grand Prize Award for aluminum PM camshaft bearing cap
- 2020 MPIF Award of Distinction for aluminum cam cap
- GM Supplier Quality award multiple times
- Recipient of GM Supplier of the Year Award



MPP Technology Center. Where We Do Some of Our Best Work

One of the industry's premier technical centers, with a focus on:

- Development of new materials
- Advanced compaction and sintering techniques
- Prototyping
- Development of proprietary alloys and processes
- Top industry-leading technical experts on staff
- Team of recognized experts (PhDs)



Engineering Makes the Difference

Whether it's solving customers problems or driving future innovations, our engineers and industry experts thrive on a good challenge. Our team of engineers is constantly developing new materials, manufacturing techniques, and applications. They're why MPP can deliver cutting edge solutions for our customers.

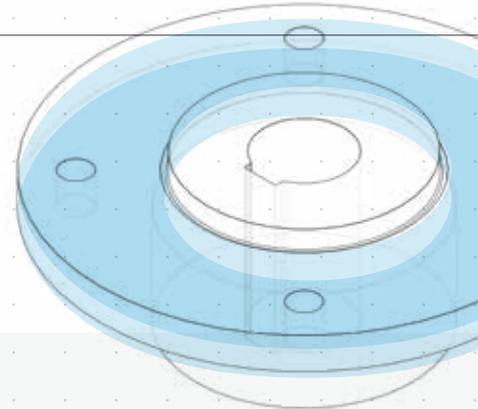


ALUMINUM PM OFFERS IMPRESSIVE ECONOMIC ADVANTAGES BECAUSE OF:

Weight Savings

Design Flexibility

Structural Performance



Learn More

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