

Performance Alloys and  
Services, Inc.

[www.moldstar.com](http://www.moldstar.com)

**Engineering  
& Machining**

Well over 100 years of  
collective experience in  
making precision parts

*Where Performance is  
MORE than JUST OUR  
NAME*

Performance Alloys and  
Services, Inc.

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United States

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**Since 1987**

# Performance Alloys™



Joe Hornick, Director of Engine Development at **Cagnazzi Racing** had this to say. *“Performance Alloys expertise with materials has proven to be a great asset. Their ability to analyze a problem or identify where improvements can be made and make application specific alloys is invaluable. These guys really know their stuff.”*

Many Teams we work with, send us components looking for improvements. With simple testing of those components we can determine the shortcomings inherent with the component or mating components. The results of those tests along with our years of experience with metallurgy, machining, surface finishes, heat treatment, surface treatments and combinations of such, we are able to offer solutions with our products or processes. We have a history of making components or offering processes that make MoldStar® components outperform and outlast “off the shelf” products. Customers tell us that our products exceed expectations, which means less maintenance and winning races. Every part we make is engineered and made here in our shop in the United States.

The word MoldStar is a Registered Trademark of Performance Alloys and Services, Inc of Germantown, Wisconsin, United States.



**Made to Order and Standard Components for Motorsports**

**Material Testing and Failure Analysis  
(Chemical/Physical & Compatibility)**

**Application Engineering Services**

**Full In-House Machine Shop Services**

**Gun Drilling**

**CNC Lathe with Live  
Tool/Programmable C**

**CNC Milling Services**

**Surface Grinding**

**Centerless Grinding**

**Wire & Conventional EDM**

**Extrude Hone Polishing**

**Heat Treating**

**Laser Welding (beads as small as .003)**

**Media Blasting**

**Cryogenics to minus 191.2°F (-124°C)**

**Laser Engraving**

**PryoCoat™ Surface Treatment**

**Hardness Testing**

**UltraSonic Testing**

**RMS/RA Surface Finish Testing**

**Metrology Testing**

**Much More!!!!**

(All testing is done on/with Certified  
Gages traceable to the National Bureau of  
Standards)

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