

## **ATI Machining Capabilities**

### **ATI HAS BEEN A TRUSTED PARTNER...**

for the Defense and Aerospace industries since 1958, supplying highly specialized machined parts for a variety of applications. From the C-103 engine skirt manufactured for Apollo 11 over 35 years ago, to tantalum fastening rivets and C-103 rocket combustion chambers found in today's aerospace applications, ATI has provided machining expertise to many notable organizations including Boeing and NASA. Today, ATI continues to provide valuable knowledge and machined parts to both commercial and government contractors in multiple industries including aerospace, defense, nuclear power and energy production.

### **OUR COMMITMENT TO QUALITY**

ATI has developed and implemented a Quality Management System that demonstrates our ability to consistently provide products that meet customer and regulatory requirements alike. The Quality Management System is designed to be in compliance with national, international, and laboratory standards.

Such standards include:

- ISO 9001:2000
- ISO/IEC 17025
- SAE AS9100 Rev. B
- MIL-Q-9858
- MIL-I-45208
- ASME NQA-1
- ASME NCA 3800
- 10-CFR-50, Appendix B
- PED 97/23/EC

### **OUR MACHINING EQUIPMENT**

Along with our machinists' extensive experience, ATI is fully equipped with the latest Computer Numeric Control (CNC) equipment and can handle close tolerance parts and alloys that are traditionally difficult to machine. Machining equipment includes:

- CNC Horizontal Mills
- CNC Vertical Mills
- CNC Lathes
- Coordinate Measuring Machine (CMM)
- MasterCam CAD/CAM
- Conventional Lathes and Mills

**REASONS TO CONSIDER ATI FOR YOUR NEXT FINISHED COMPONENT****GOVERNMENT CONTRACTOR**

ATI holds both Department of Defense and Department of Energy clearances, making our machine shop qualified to undertake most government projects.

**SPECIALTY METALS EXPERT**

The ATI Machine Shop is one of the few machine shops in the world that can successfully machine the following specialty alloys:

- Titanium and Titanium Alloys
- Niobium and Niobium Alloys
- Copper and Silver Infiltrated Tungsten
- Tantalum and Tantalum Alloys
- Zirconium and Zirconium Alloys
- Hafnium and Hafnium Alloys
- Tungsten and Tungsten Alloys

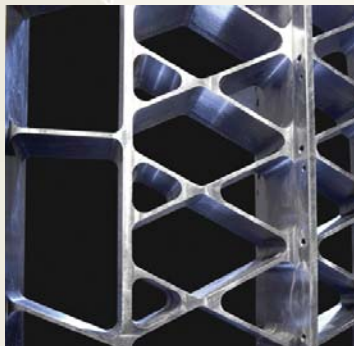
**FULLY INTEGRATED / SECURITY OF SUPPLY**

ATI is one of the largest and most diversified specialty metals producers. The ATI Machine Shop has access to all of the resources that the company has to offer. Access to these resources makes the machine shop uniquely qualified to monitor the quality and delivery of final parts, and allows ATI to provide customers with competitive pricing. Other services that can be coordinated through ATI include:

- The manufacture of ferrous and non-ferrous alloys in a variety of forms and shapes.
- Melting, rocking, rolling, drawing, water-jet cutting, annealing, extrusion, casting, and welding services.
- Non-destructive testing services including radiography, ultrasonic, and dye penetrant testing. Destructive testing services are available depending on project requirements.
- Analytical, corrosion, radio analytical, and metallurgical laboratory services.
- Technical, educational, and consulting services.

**NEAR-NET SHAPES AND PROTOTYPE DEVELOPMENT**

ATI works with customers' engineers to develop and fabricate prototype parts and has the ability to create a manufacturing procedure or process from customers' drawings. ATI can also produce machined components and near-net shapes in a wide range of sizes.

**CONTACT INFORMATION**

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