The American Metalcasting Consortium (AMC) is providing the Defense Logistics Agency (DLA) with direct support in the procurement of critical cast parts for both new and legacy weapon systems.

The AMC is developing new metalcasting technology and processes to support the DLA in the design, manufacture, and procurement of critical cast parts. The metalcasting industry faces the challenges of operating in a highly competitive global marketplace. AMC’s mission is to develop and apply new technologies that will rapidly deliver high quality, cost-effective cast parts to support the military.

- Modeling and Simulation
  - Higher Quality, Lightweight Materials
    - Streamlined Procurement Supply Chains
      - Improved Inspection Processes
    - Procurement Solutions
  - Rapid Tooling and Prototyping

Industry, Government, and Academia Working Together to Support Military Weapons Systems

AMC’s cohesive collaboration between academia, industry, and the government is providing casting solutions for DLA. AMC combines the best metalcasting engineers and research institutions with its premier industrial partners to meet the government’s need for reduced lead times, improved quality, and lower costs for both new and legacy weapons systems. Through the four leading metalcasting industry associations, AMC’s membership represents 95% of the U.S. metalcasting industry. These industry experts, their technical associations, and the leading metalcasting research universities, have joined together to directly assist DLA’s mission of best-value support for weapons systems.