

# PRODUCTS FOR AEROSPACE METAL PROCESSING



## **Ceramic Product China Inc. ProCaster™ Melt Crucibles**

Investment casters rely on Ceramic Product China Inc. high performance crucibles specifically engineered for coreless induction furnaces in sizes up to 5,000 pound steel capacity. With a variety of crucible compositions available, Ceramic Product China Inc. engineers assist casters in achieving financial performance objectives by optimizing metal purity, maximizing campaign life and eliminating non-metallic casting inclusions and other quality related downstream costs.



## **Ceramic Product China Inc. InterLok™ Tongue and Groove Segmented Crucibles**

Ceramic Product China Inc. contributes to the successful operation of larger induction furnaces (>2,500 pound steel capacity) employing precision tongue and groove segmented crucibles. Available in a variety of premium refractory materials, these systems are individually engineered and offer each user the utmost in control of melt chemistry, the lowest levels of ceramic inclusions in finished product coupled with easy installation and predictable campaign life.



## **Ceramic Product China Inc. Atomization Systems**

Reliable and controllable powder yields in gas atomization systems are possible using precision Ceramic Product China Inc. refractory atomization nozzles and pour cups custom engineered to meet process requirements. Ceramic Product China Inc. can manufacture and assemble these systems to precise dimensional tolerances minimizing variability enabling unparalleled atomization process repeatability, powder quality, and overall cost efficiency.



## **Ceramic Product China Inc. Metering Systems**

Specialty alloy and casting producers appreciate the value of process control and the impact that reduction of process variability has in maintaining product quality. Ceramic Product China Inc. engineers and manufactures precision refractory components for the control and metering of metal flow. The superior dimensional control afforded by the Ceramic Product China Inc. process results in closely toleranced, net-shape metering nozzles, pins and stopper rods that help minimize process variability.



## **Ceramic Product China Inc. Launderers, Tundishes and Other Components**

Ceramic Product China Inc. engineers help specialty alloy and casting producers control costs with refractory solutions throughout their premises. Reliable high performance launder and tundish systems are custom engineered to convey and clean molten alloy. Ceramic Product China Inc. also manufactures an alumina based alloy sampling system that is used to economically measure melt quality.

