Degassing Rotor
high durability and erosion resistance

Introduction
One of the major concerns in the modern aluminium casting industry is aluminium alloy cleanliness. With the ever increasing demands for improved casting properties, the requirements for molten metal cleanliness have become extremely stringent. The removal of dissolved hydrogen and unwanted particles from the melt using rotary degassing has become a widely used foundry practice. Morgan has developed a one piece silicon carbide rotor and shaft for use in this process. Morgan rotary degassing rotor has a high resistance to wear in service and has excellent anti oxidation properties providing a cost effective consumable for use in foundries’ degassing processes.

Applications
Degassing rotors are used to remove dissolved hydrogen and impurities in primary and secondary aluminum melts, as well as in copper applications.

Typical Metal Casting Temperature
up to max. 1400°C (2552°F)

Performance Characteristics
• Extremely high oxidation resistance
• Outstanding service life performance
• Very good resistance to chemical agents
• High mechanical strength and good erosion resistance
• Good thermal shock resistance

Identification
Degassing rotors are finished with a gray machined surface.

Pattern Range
Degassing rotors are available in a variety of sizes. To meet most end user requirements, sizes are customizable to any length.

Quality
Degassing Rotors are manufactured from premium grade raw materials under an ISO 9001:2015 quality management system.

For more information, contact us today.