



**HIGH PRECISION WEAR COMPONENTS
FOR CRITICAL APPLICATIONS**

MANUFACTURING SOLUTIONS. ABSOLUTE INTEGRITY. EMPLOYEE OWNED.

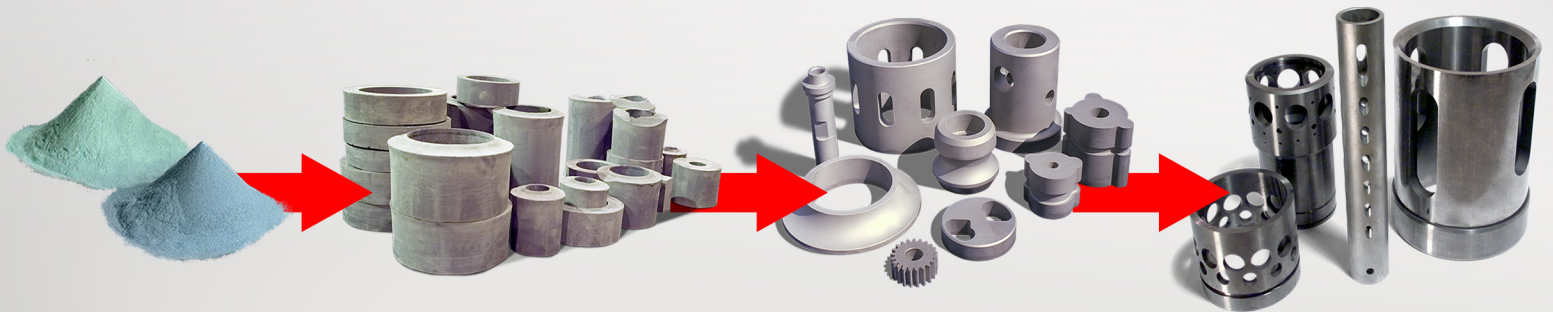
**Penn United Technologies, Inc. 799 North Pike Road Cabot, PA 16023
Phone: (724) 352-1507 www.pennunited.com sales@pennunited.com**



In the carbide industry, control over the entire manufacturing process is essential to achieve technical part specifications. Our high degree of process expertise ensures that you will receive greater precision, increased value, and the shortest possible turnaround time with each order. Whether you need us to begin in the design phase of your component or have a custom print ready, we excel at not only meeting, but exceeding our customers' expectations. Penn United's carbide division manufactures tungsten and silicon carbide components engineered for rigorous applications ranging from erosion and corrosion resistance to high impact strength. We also specialize in carbide and metal assemblies used to address manufacturing issues regarding fabrication, assembly and cost.

OUR CARBIDE MANUFACTURING PROCESS INCLUDES:

- Material Processing (Grade Formulation)
- Compaction Forming (Hydraulic and Iso-Static Pressing)
- Preforming (Machining Near-Net-Shape Blank)
- Vacuum Sintering and HIP Sintering (Material Densification)
- CNC Grinding, EDM (Achieving Blueprint Tolerance and surface finish)
- Lapping (Polished and Matte Finishes)



OUR VERTICALLY INTEGRATED MANUFACTURING SOLUTIONS PROVIDE THE BEST LONG-TERM VALUE FOR OUR CUSTOMERS. OUR LIST OF SERVICES INCLUDE:

- Tungsten & Silicon Carbide Components
- Unique grades of material
- Carbide and Metal Assemblies
- High Precision, Tight Tolerance Machining, Grinding, Milling & Turning
- Tooling
- Metal Finishing Services
- Design for Manufacturing Support
- ISO 9001 Certified
- High Quality, Consistently Manufactured Components
- Industry Leading Pricing & Lead Times
- Best on Time Delivery

Visit us online :

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