H.B. Carbide Portfolio
Carbide Blanks and Preforms

HB Carbide is an industry leader providing customers throughout the world with high quality “special” tungsten carbide preforms. All preforms are sinter-hipped. These special preforms serve many industries including automotive, aerospace, energy, firearms, medical, construction and agriculture.

Save time and increase productivity
- Increased machine capacity
- Increased grinding wheel and coolant life
- Minimal grind stock
- Shorter finish grind cycle times

Drill & Reamer Blanks
Drill & reamer blank include; straight & spiral flutes, coolant holes, stepped diameters, centers, flats, chamfers, keyways, PCD Pockets and threads.
Specialty Blanks

H. B. Carbide's specialty blanks can be manufactured for your specific requirements using any of the grades we offer. Our carbide blank specialists will assist you with everything from grade selection to preform design.

Die & Bushing Blanks

Carbide die and bushing blanks save time, increase productivity, and are manufactured for a variety of applications including wire drawing dies, cold heading dies, stamping dies, wear parts, seal rings, and bushings.

Standard/Special Extrusion Preforms

Using high quality materials and state of the art technology allows us to produce standard and special extrusions.

Preform features available:
- Straight flutes
- Spiral flutes
- Crossholes
- Steps
- Centers
- Flats
- Keyways
- Chamfers
- Threads
Gundrill Blanks
H.B. Carbide offers a complete lineup of gundrill blanks. These blanks can be full length sticks, cut to length heads, and can have preformed presharpening angles included. Single, double, or kidney shaped coolant holes are standard.

Flat Blanks
Custom preform flat blanks include saw blade blanks, form tool blanks, washers, and EDM blanks. EDM blanks are guaranteed against cracking.

Preform flat blank features
- Chamfers
- Through holes for wire EDM starting
- Holes for arbors in saw blanks and washers
- Angles
- Sharpening angles on saw blanks

Helical Coolant Rods and Preforms
H.B. Carbide now offers two-hole helical 30 degree spiral coolant-fed product. Standard 330mm length rods, special cut to length rods, and preforms are available on request.

OD Grinding
Centerless and between center OD grinding is available on all preformed blanks. H6 tolerance standard.
# Cemented Carbide Properties

All grades of powder are manufactured in-house for optimal quality.
All your carbide needs from one source

H.B. Carbide is dedicated to quality, committed to technology and focused on customer service. We respond to quotation requests within 4 working hours. Orders are typically shipped within 6-9 working days. Expedited delivery is also available. Please call for assistance with grade selection and preform design.

Finest Raw Materials
H.B. products are produced using the highest quality materials.

Latest Manufacturing Technology
A state of the art, computer controlled, Ultra Temp Vacuum Sinter Hip furnace produces the ultimate quality.

Fast & Reliable Delivery
Short manufacturing lead times require reliable transportation to deliver your blanks when you need them.

Quotes and orders to sales@hbcarbide.com

H.B. Carbide is ISO 9000:2008 certified