

HB-312



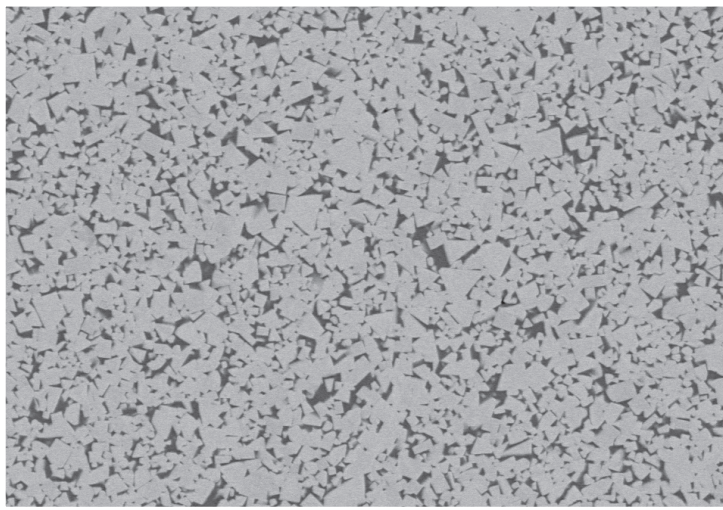
Cutting & Wear Resistance

Impact & Toughness



Grade HB-312 features low impact, light shock resistance making it ideal for a wide variety of forming applications including, punches, light stamping and ammunition dies.

- Punch applications
- Low impact/light shock resistance
- Capability for wide variety of forming applications
- Ammunition dies
- Light stamping



Grade HB-312 coarse grain, 88/12 (carbide / cobalt %) offers low impact to light shock resistance properties.

Composition

Tungsten Carbide
Cobalt

WC 88%
Co 12%

Microstructure Grain Size (ASTM B-390)

4 μ m

Hardness Rockwell A (ASTM B-294)

88.70

Transverse Rupture Strength (ASTM B-406)

490,000 PSI

Density (ASTM B-311)

14.33

Manufactured in preforms, altered and standard blank designs