

HB-315



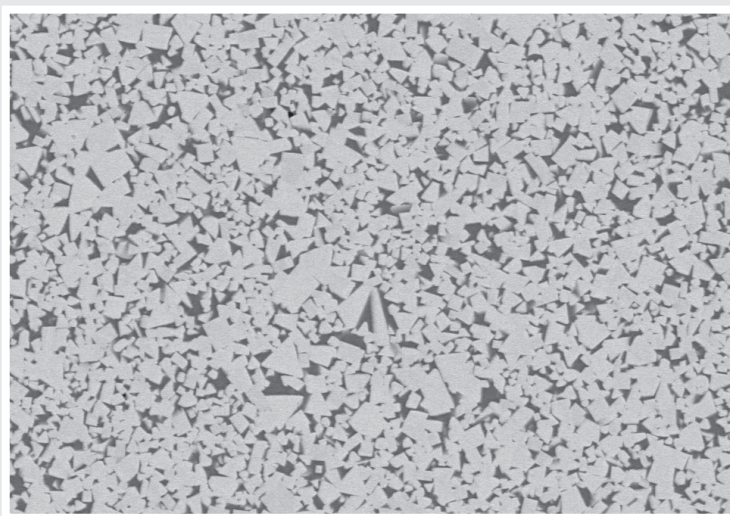
Cutting & Wear Resistance

Impact & Toughness



Grade HB-315 features a combination of wear resistance and toughness making it well suited for broad range of forming applications.

- Forming in steel, stainless steel, and non-ferrous materials
- Light stamping carbide die and nib deep draw
- Fine blanking of stamping dies
- Ammunition dies



Grade HB-315 coarse grain, 85/15 (carbide / cobalt %) provide reliable broad range forming applications.

Composition

Tungsten Carbide
Cobalt

WC 85%
Co 15%

Microstructure Grain Size (ASTM B-390)

4 μ m

Hardness Rockwell A (ASTM B-294)

87.40

Transverse Rupture Strength (ASTM B-406)

470,000 PSI

Density (ASTM B-311)

14.03

Manufactured in preforms, altered and standard blank designs