

# HB-710



Cutting & Wear Resistance

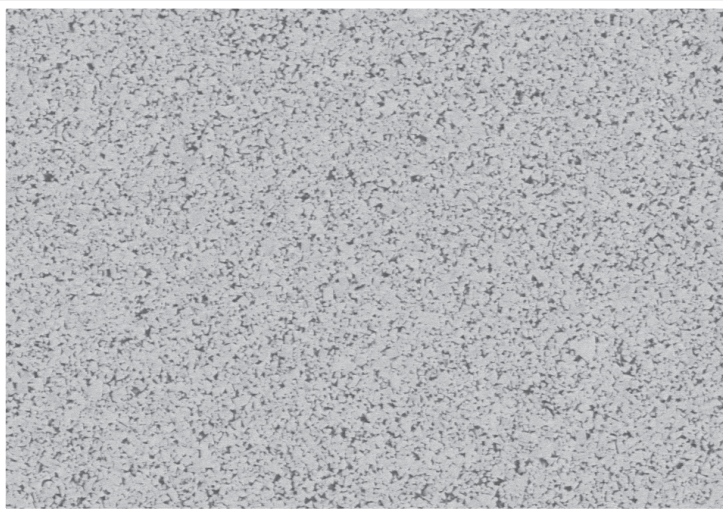
Impact & Toughness



Exceptional consistency and repeatable performance in heat resistant alloys and titanium.

Four special advantages where high strength and sharp edge profiles are required.

- High temperature, heat resistant
- Nickel-base alloys
- 718 Inconel
- Stainless steel alloys
- Titanium alloys



Grade HB-710 submicron grain, 90/10 (carbide / cobalt %)  
for high performance machining.

## Composition

Tungsten Carbide  
Cobalt

WC 90%  
Co 10%

## Microstructure Grain Size (ASTM B-390)

0.8  $\mu$ m

## Hardness Rockwell A (ASTM B-294)

92.00

## Transverse Rupture Strength (ASTM B-406)

625,000 PSI

## Density (ASTM B-311)

14.46

**Manufactured in preforms, altered and  
standard blank designs**