

HB-110



Cutting & Wear Resistance

Impact & Toughness



Grade HB-110 features a submicron grain with excellent wear properties and the ability to handle slight shock making it an ideal general purpose cutting tool grade for semi-finishing and finishing. HB-110 can be used for drills, endmills, reamers, stamping dies, punches, knives and many other cutting tools machining materials such as:

- Heat-resistant steels
- Corrosion-resistant steels
- Stainless steels
- Non-ferrous metal alloys
- Titanium



Grade HB-110 submicron grain, 90/10 (carbide / cobalt %) for general-purpose tool making.

Composition

Tungsten Carbide	WC 90%
Cobalt	Co 10%

Microstructure Grain Size
(ASTM B-390)

0.8 μ m

Hardness Rockwell A
(ASTM B-294)

91.70

Transverse Rupture Strength
(ASTM B-406)

550,000 PSI

Density
(ASTM B-311)

14.5

Manufactured in preforms, altered and standard blank designs