HB-710

H.B. Carbide

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	WC 90%
Cobalt	Co 10%
Microstructure Grain Size (ASTM B-390)	0.8 µm
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

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