

# MITSUBISHI

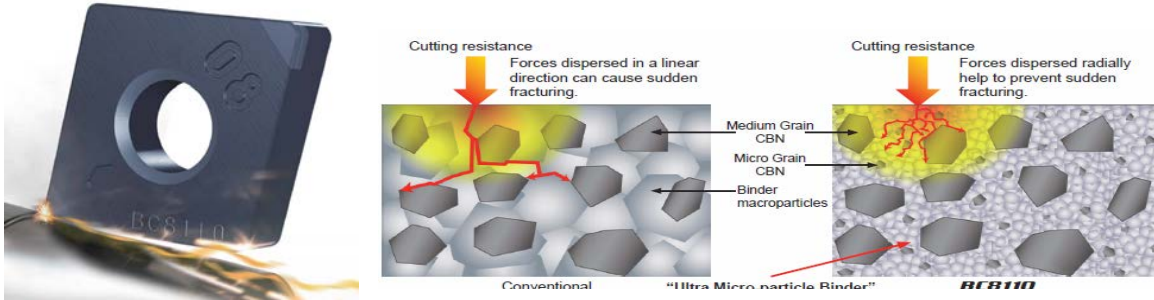
## MITSUBISHI MATERIALS

Marketing Memo

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### **Mitsubishi Materials is proud to announce BC8110** Coated CBN Grade for High Hardened Steel Turning



#### Technical Information:

- Longer tool life with PVD coated cBN grade when turning hardened steels
- Coated with a new TiAlSiN technology for excellent wear resistance
- The Ultra Micro-particle Binder in the body is designed to prevent sudden fracture
- Optimized cBN grain size and cBN content increases wear resistance and edge toughness

#### Applications to Target:

- Best used with Hardened Steel
- Covers the wide application range for continuous cutting of steel
- A variety of hones to maximize efficiency and tool life performance

#### Benefits:

- TiAlSiN technology prevents coating exfoliation to reduce unusual wear
- Can be used with and without coolant

#### Competitors to Target;

- Sumitomo BNC100 & BNC160
- Sandvik cBN grade7015
- Tungaloy BXM10 & BXM20