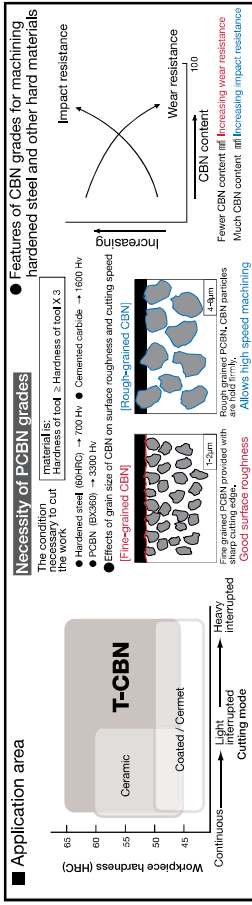


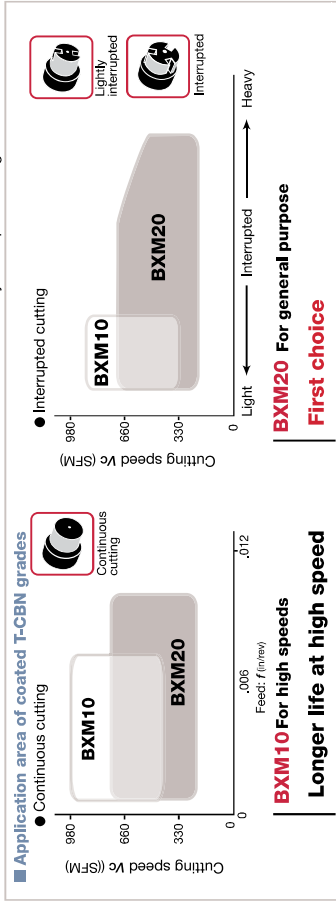
# T-CBN (PCBN) Series

## H T-CBN series for machining hardened steels and hard materials



### Basic selection of T-CBN grades in machining of hardened steel and hard material

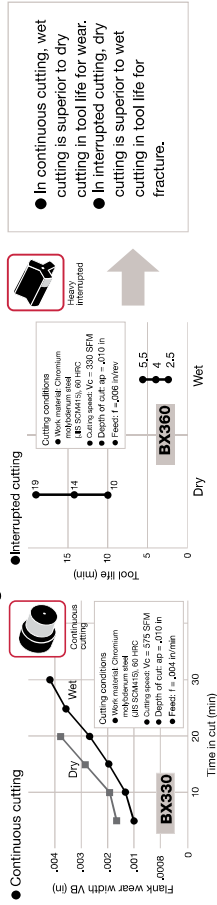
- **Coated T-CBN grades**
- **Uncoated T-CBN grades**
- BXM10** For high speeds cutting
- BXM20** For general purpose
- BX310** For high speeds / Priority on wear resistance in continuous cutting
- BX330** For medium speeds / Priority on surface quality grade, excels in impact resistance
- BX360** For low to medium speeds / Priority on impact resistance in heavily interrupted cutting
- BX380** For low to medium speeds / Priority on impact resistance in heavily interrupted cutting



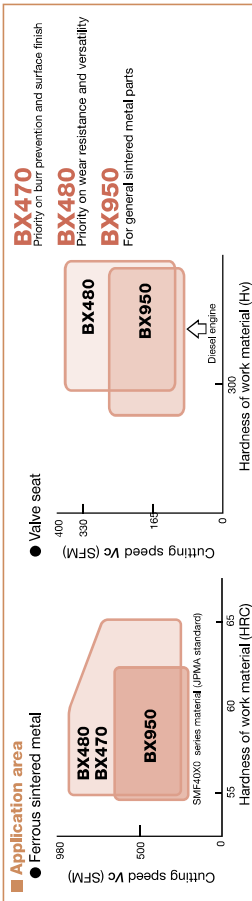
### Effects of Coated T-CBN grades

- Coated on hard CBN
- Hardness: CBN > Coating layer**
- Hard and deformation resistant CBN is excellent substrate material.
- **Protect CBN from oxidation wear**  
Since the coating layer intercepts air, oxidation wear of CBN can be prevented.
- **Peeling of coating layer can be protected**  
Hard and deformation resistant CBN is excellent substrate material.

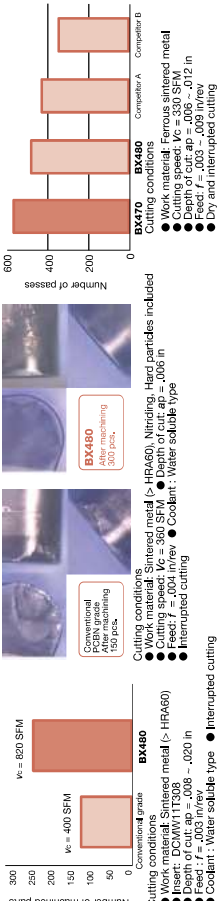
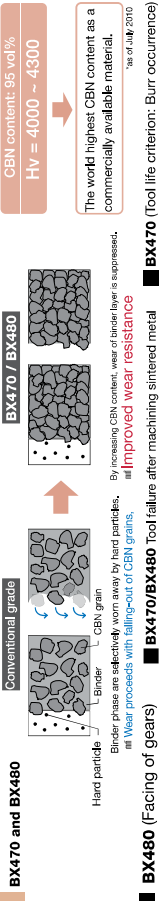
### Effects of coolant in machining of hardened steel



## S T-CBN series for machining sintered metals



### Features of BX470/BX480



## K T-CBN series for machining grey and ductile cast irons

