PCBN — CHARACTERISTICS, PERFORMANCE & APPLICATIONS

PRODUCT NUMBER	CHARACTERISTICS PERFORMANCE	APPLICATIONS
BTN300	Average particle size 1 μm High red hardness High impact resistance	High-speed (120-200 m/min) dry cutting of hardened steels (HRC = 55-62), titanium alloys, and powder-metallurgy alloys.
BTN200	Average particle size 1 μm Extremely high red hardness Extremely high wear resistance	Ultra-high-speed (180-300 m/min) dry cutting of hardened steels (HRC = 58-65), titanium alloys, and powder-metallurgy alloys.
BTN7000	Average particle size 3 μm High hardness High wear resistance	High-speed/-efficiency/-precision cutting of cast iron.
BTN100	Average particle size 10 μm High wear resistance High toughness	Cutting of cast iron.