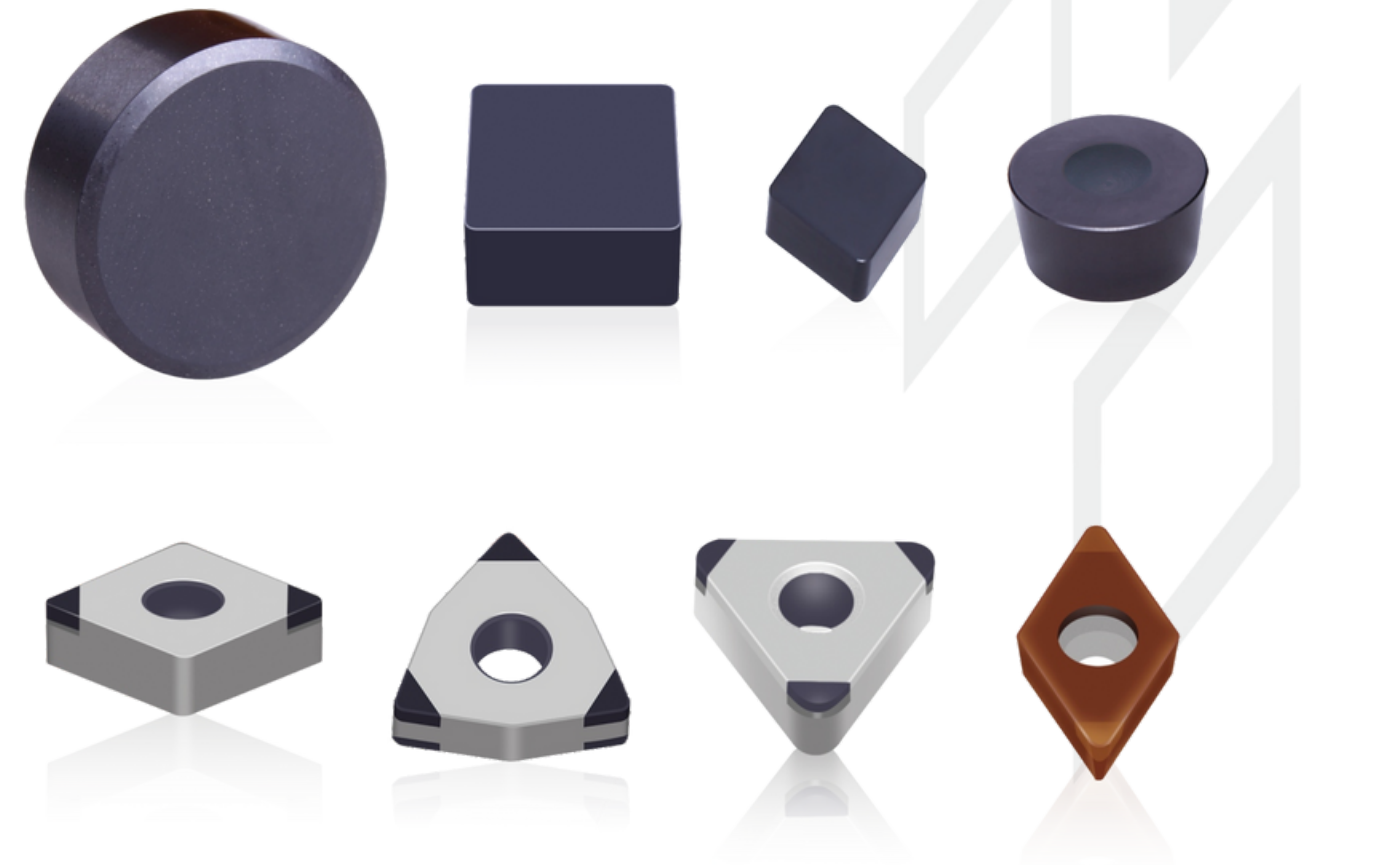


PCBN Insert



Delton International USA Inc.

Add: 1820 Star Batt Drive, Rochester Hills, MI 48309

Tel: 947-208-7289

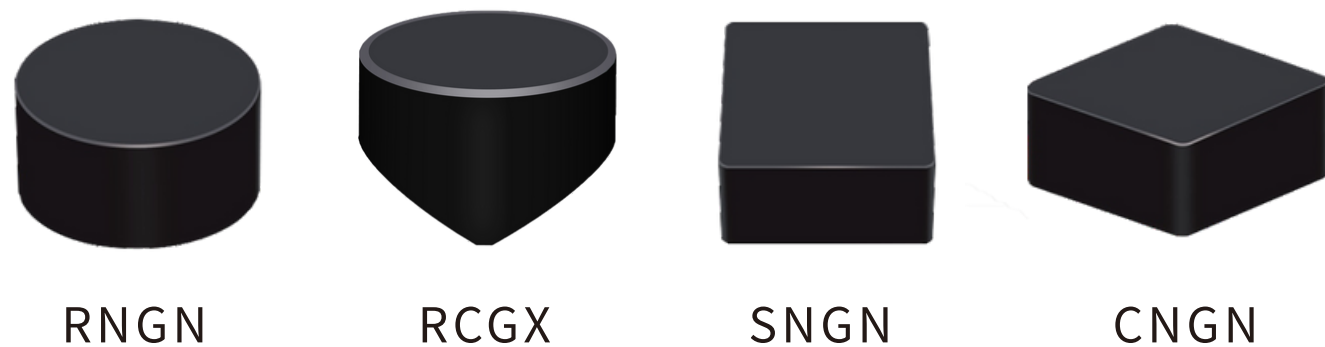
Email: sales@delton-usa.com

Website: www.delton-usa.com

- **High productivity**
- **Excellent surface quality**
- **Universality**

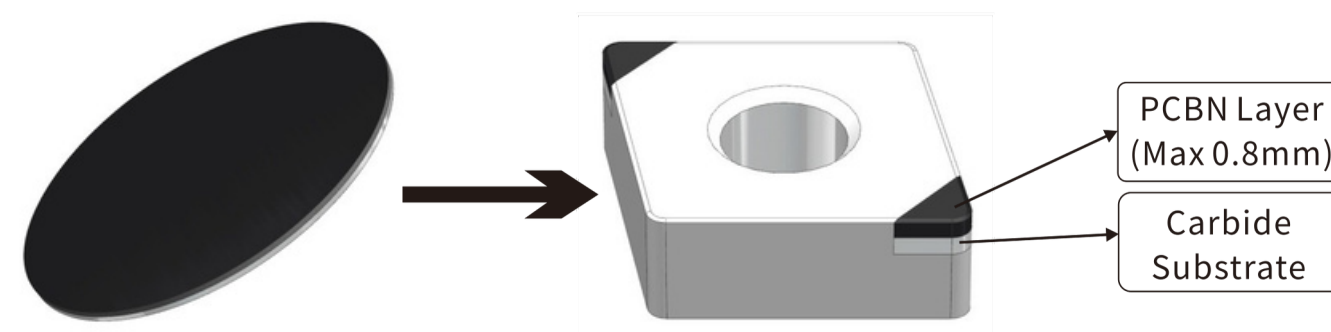
FBN Solid Insert

Heavy turning, high-efficiency milling



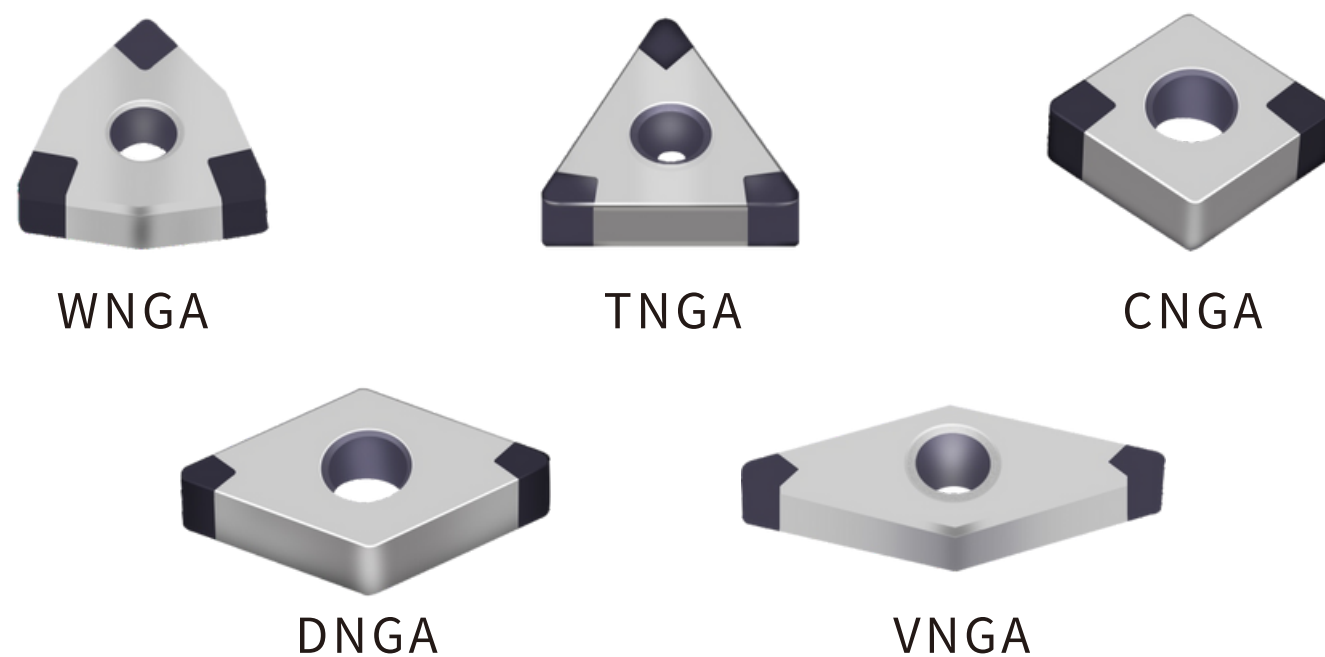
FBK Composite Tip Brazed Insert

Extremely high surface machining accuracy, ensuring automatic and continuous machining



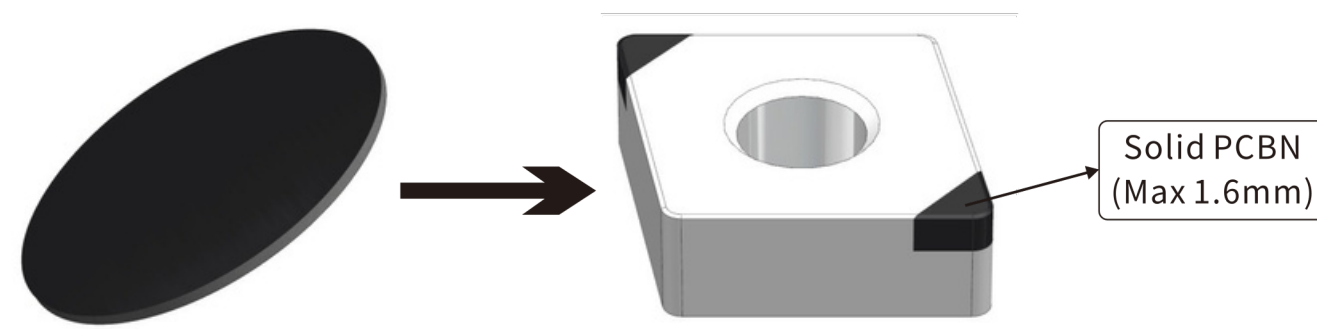
FBS Full Corner Brazed Insert

Double-sides multi-cutting edges, combined roughing and finishing, high universality



FBM Solid Tip Brazed Insert

Extremely high surface machining accuracy and stronger impact resistance



PCBN Insert

Grade and Applicable Industry



Series	Grade	Workpiece Material	Machining Condition	Machining Model	Wear Resistance	Impact Resistance	Applicable Industry
FBN Solid Insert	FBN7630	● Gray cast iron ● High-hard alloy cast iron	Continuous to interrupted	Roughing /Semi-finishing /Finishing	★★★★★	★★★★	Brake disc, Brake drum, Flywheel, Belt pulley, Roll
	FBN7600	● Gray cast iron ● High-hard alloy cast iron ● High manganese steel	Continuous to interrupted	Roughing /Semi-finishing	★★★★	★★★★★	Brake disc, Brake drum, Roll, Belt pulley, Rolling mortar wall
	FBN7200	● Gray cast iron	Continuous	Semi-finishing /Finishing	★★★★★	★★★	Brake disc, Brake drum, Flywheel, Belt pulley
	FBN7000	● Gray cast iron ● Alloy cast iron	Continuous to heavy interrupted	Roughing /Semi-finishing /Finishing	★★★★	★★★★	Cylinder block, Cylinder head, Cylinder liner, Air-conditioning compressors
	FBN3500	● Chilled cast iron ● High-nickel chromium ● High-chromium steel	Heavy interrupted	Heavy roughing	★★★	★★★★★	Roll, Slurry pump, Rolling mortar wall, Special for wind power bearing bainite, Mining machinery
	FBN2530	● Gray cast iron	Continuous	Roughing /Semi-finishing /Finishing	★★★★	★★★	Roll, Brake disc, Brake drum, Flywheel, Air-conditioning compressors
	FBN9500	● Hardened steel ● Laser cladding	Continuous to heavy interrupted	Roughing /Semi-finishing /Finishing	★★★	★★★★★	Slewing bearing, Wind power bearings, Gear, Coal mining machinery
	FBN5800	● Hardened steel	Continuous	Roughing /Semi-finishing /Finishing	★★★★★	★★★	Slewing bearing, Bearing gear
	FBN7620	● Cast high-speed steel	Continuous to heavy interrupted	Roughing /Semi-finishing /Finishing	★★★★	★★★★★	High-speed steel roll
FBS Full Corner Brazed Insert	FBS2530	● Gray cast iron	Continuous	Semi-finishing /Finishing	★★★★	★★★	Brake disc, Brake drum, Flywheel, Air-conditioning compressors
	FBS7000	● Gray cast iron	Continuous to heavy interrupted	Semi-finishing /Finishing	★★★★	★★★★	Air-conditioning compressors
	FBS3610	● Hardened steel	Continuous	Semi-finishing /Finishing	★★★★	★★★	Slewing bearing, Bearing gear
	FBS5800	● Hardened steel	High-speed continuous	Semi-finishing /Finishing	★★★★★	★★★	Slewing bearing, Bearing gear
	FBS9500	● Hardened steel	Continuous to interrupted	Semi-finishing /Finishing	★★★	★★★★★	Slewing bearing, Bearing gear, Hub unit

PCBN Insert

Grade and Applicable Industry



Series	Grade	Workpiece Material	Machining Condition	Machining Model	Wear Resistance	Impact Resistance	Applicable Industry
FBK Composite Tip Brazed Insert	FBK7400	● High-hard alloy cast iron ● Heat-treated powder metallurgy	Continuous to heavy interrupted	Finishing	★★★★	★★★★	Gear, Sprocket wheel
	FBK7500	● Gray cast iron ● Powder metallurgy	Continuous to interrupted	Finishing	★★★★★	★★★	Brake disc, Gear, Sprocket wheel
	FBK7510	● Gray cast iron ● Hardened steel	Continuous	Finishing	★★★★	★★★★★	Cylinder block, Cylinder liner, Brake disc, CV joint
	FBK7520	● Alloy cast iron ● Powder metallurgy	Continuous to medium interrupted	Finishing	★★★★	★★★★	Turbocharger, Gear, Crankshaft
	FBK7560	● Gray cast iron ● Powder metallurgy	Continuous	Super finishing	★★★★★	★★★★★	Gear, Sprocket wheel, Palm of roller-cone
	FBK7700	● Gray cast iron ● Powder metallurgy ● Hardened steel	Continuous to heavy interrupted	Super finishing	★★★★	★★★★★	Gear, Sprocket wheel
	FBK9300	● Hardened steel	High-speed continuous	Finishing	★★★★	★★★	Bearing gear
	FBK9400	● Hardened steel	Continuous	Finishing	★★★★	★★★	Bearing gear, Hub unit
	FBK9526	● Hardened steel	High-speed continuous	Super finishing	★★★★★	★★★	Bearing gear
	FBK9600	● Hardened steel	Heavy interrupted	Finishing	★★★	★★★★	Bearing gear
	FBM9400	● Hardened steel	Continuous to light interrupted	Semi-finishing /Finishing	★★★★	★★★★	Bearing gear, Motor shaft, Hub unit
FBM Solid Tip Brazed Insert	FBM9520	● Hardened steel	High-speed continuous	Finishing	★★★★★	★★★	Bearing gear
	FBM9550	● Hardened steel	Medium interrupted	Semi-finishing /Finishing	★★★★★	★★★★	Bearing gear
	FBM9560	● Hardened steel	Heavy interrupted	Semi-finishing /Finishing	★★★	★★★★★	Bearing gear, Motor shaft