

PCBN Product Range

Available Sizes and Specifications

Type	Grade	Diameter (mm)	Overall thickness (mm)				CBN layer thickness (mm)
Carbide Supported	CB9602	58	✓	✓	✓	✓	0.7 to 1.0
	CB960	58	✓	✓	✓	✓	0.7 to 1.0
	CB900	58	✓	✓	✓	✓	0.7 to 1.0
	CB720	58	✓	✓	✓	✓	0.7 to 1.0
	CB7006	58	✓	✓	✓	✓	0.7 to 1.0
	CB620	58	✓	✓	✓	✓	0.7 to 1.0
	CB520	55	✓	✓	✓	✓	0.7 to 1.0
	CB500	58	✓	✓	✓	✓	0.7 to 1.0
Solid	BN9610	46	✓	✓	✓	✓	✓
	BN960	46	✓	✓	✓	✓	✓
	BN900	46	✓	✓	✓	✓	✓
	BN720	46	✓	✓	✓	✓	✓
	BN500	46	✓	✓	✓	✓	✓



PCBN Product Range and Characteristics

Grade	CBN(vol%)	Applications	Characteristics	Microstructure
CB9602	96%	Continuous machining of high-temperature alloys, powder metals, spray-coatings, Co-Cr alloys, milling of hardened steel.	1.5 μm average grain size Al alloy binder	
CB960	96%	Cast iron, high Co% carbide	10 μm average grain size Ti alloy binder	
BN9610	96%	Rough machining of cast iron	10 μm average grain size AlN binder	
BN960	96%	Roughing & finishing of cast iron	3 μm average grain size AlN binder	
CB900 BN900	90%	Cast iron milling & finishing, powder metals	3 μm average grain size Ti alloy binder	
CB7006	70%	CGI (Compacted graphite iron), ductile iron	4 μm average grain size TiCN binder	
CB720 BN720	70%	Continuous to medium interrupted machining of hardened steel	4 μm average grain size TiN binder	
CB620	60%	Continuous to light interrupted machining of hardened steel	2 μm average grain size TiCN binder	
CB520	55%	Continuous machining of hardened steel	1 μm average grain size TiCN binder	
CB500 BN500	50%	Continuous machining of hardened steel	2 μm average grain size TiCN binder	