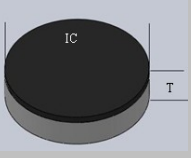
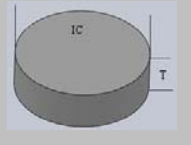


SF Diamond Co., Ltd.

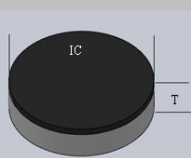
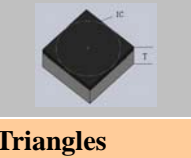
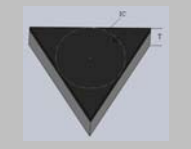
PCBN Disc Availability

Carbide backed PCBN (CB Series)							
Shape	Dimensions(mm)		Grade Available				
	Diameter(D)	Thickness (T)	CB90	CB85	CB70	CB60	CB50
	50.8	1.6/2.0/2.4/3.2	√	√	√	√	√
	38	1.6/2.0/2.4/3.2	√	√	√	√	√
	30	1.6/2.0/2.4/3.2	√	√	√	√	√
	19.05	1.6/2.0/2.4/3.2	√	√	√	√	√
Solid PCBN (BN series)							
Shape	Diameter(D)	Thickness (T)		BN90		BN85	
	30	3.2		√		√	
	30	4.76		√		√	

PCBN Cut Product Availability

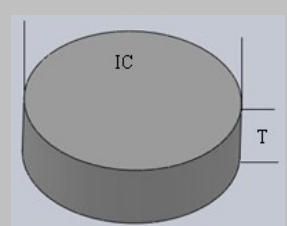
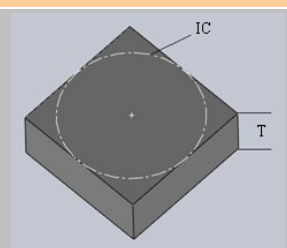
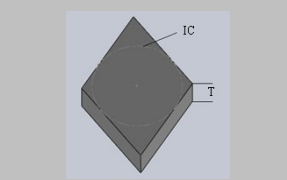
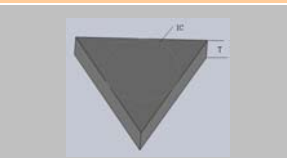
Many shapes and sizes cut by laser are available. Please contact SFD for further information.

Semi-finished PCBN inserts chart

Carbide backed PCBN Semi-finished inserts (CB Series)								
Shape	ISO	Dimensions (mm)		Grade Available				
		IC	Thickness(T)	CB90	CB85	CB70	CB60	CB50
Rounds	RNUN-0903XX	9.8	3.2	√	√	√	√	√
	RNUN-1203XX	13.0	3.2	√	√	√	√	√
	RNUN-1204XX	13.0	4.76	√	√	√	√	√
	RNUN-1904XX	19.4	4.76	√	√	√	√	√
	RNUN-1907XX	19.4	7.94	√	√	√	√	√
	Squares	SNUN-0903XX	9.8	3.2	√	√	√	√
	SNUN-1203XX	13.0	3.2	√	√	√	√	√
	SNUN-1204XX	13.0	4.8	√	√	√	√	√
Triangles	TNUN-1103XX	6.7	3.2	√	√	√	√	√
	TNUN-1603XX	9.9	3.2	√	√	√	√	√
	TNUN-2204XX	13.2	4.8	√	√	√	√	√

Semi-finished PCBN inserts chart

Solid PCBN Semi-finished Inserts (BN series)

Shape	ISO	Dimensions (mm)		Grade Available	
		IC	Thickness	BN90	BN85
	RNUN-0903XX	9.8	3.2	✓	✓
	RNUN-0904XX	9.8	4.8	✓	✓
	RNUN-1203XX	13.1	3.2	✓	✓
	RNUN-1204XX	13.1	4.8	✓	✓
	RNUN-1207XX	13.1	7.94	✓	✓
	RNUN-1507XX	16.2	7.94	✓	✓
	RNUN-1904XX	19.4	4.8	✓	✓
	RNUN-1907XX	19.4	7.94	✓	✓
	RNUN-2004XX	20.7	4.76	✓	✓
	RNUN-2008XX	20.7	8.0	✓	✓
	RNUN-2504XX	25.7	4.8	✓	✓
Squares	SNUN-0903XX	9.8	3.2	✓	✓
	SNUN-0904XX	9.8	4.8	✓	✓
	SNUN-1203XX	13.1	3.2	✓	✓
	SNUN-1204XX	13.1	4.8	✓	✓
	SNUN-1207XX	13.1	7.94	✓	✓
	SNUN-1504XX	16.2	4.8	✓	✓
	SNUN-1507XX	16.2	7.94	✓	✓
	SNUN-1904XX	19.4	4.76	✓	✓
	SNUN-1907XX	19.4	7.94	✓	✓
Rhombus	CNUN-0903XX	9.8	3.2	✓	✓
	CNUN-0904XX	9.8	4.8	✓	✓
	CNUN-1203XX	13.1	3.2	✓	✓
	CNUN-1204XX	13.1	4.8	✓	✓
	CNUN-1207XX	13.1	7.94	✓	✓
Triangles	TNUN-1103XX	6.6	3.2	✓	✓
	TNUN-1603XX	9.8	3.2	✓	✓
	TNUN-1604XX	9.8	4.8	✓	✓
	TNUN-1607XX	9.8	7.94	✓	✓

- Notice: 1) All dimensions in mm. Dimensional tolerance: +/-0.15mm, +/-0.05mm for total thickness.
 2) PCBN layer thickness is 0.8-1.0mm except for 1.6mm of total thickness.
 3) Outer sides may be diamond ground or laser cut.
 4) Additional shapes and sizes available on request.

When you send formal order, please mention dimensions, grade and semi-finished or finished.