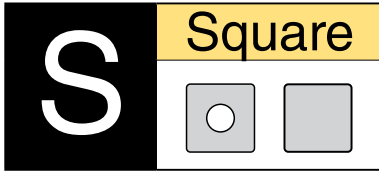
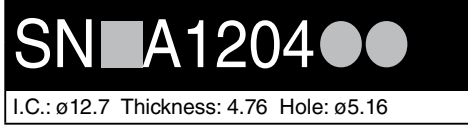


SUMIBORON Indexable Inserts



Standard Cutting Edge Specification (Refer to L26 to L27 for details on symbols.)

	BNX10	BNX20	BNX25	BN1000 BN2000	BN250	BN350	BN2010 BN2020	BNC100 BNC160	BNC200 BNC300	BNC500	BN500	BN7000 BN700	BN7500	BNS800
Negative	T01225	S01225	S01725	S01225	S01225	T01225	S01225	S01225	S01225	S01215	T01215	T01215	T01215	T02020
Positive					S01235	T01235								



Applicable holder ref. page, (Example)

Applicable External Holders C13 to C18

Applicable Internal Holders E75, 76

Legend: Continuous Cut 1st Choice 2nd Choice Medium Cut 1st Choice 2nd Choice Interrupted Cut 1st Choice 2nd Choice

=1 piece pack and 10 pieces pack both Stocked =1 piece pack Stocked

Recommended Application	K cast iron	S exotic alloy	H hardened steel	sintered component	BNX10	BNX20	BNX25*	BN1000	BN2000	BN250	BN350	BN500	BN7000	BN700	BN7500	BNS800

● One-use Type/Negative (With Hole)

Appearance	Cutting edge specification	Cat. No.	Old Cat. No.	Pcs./Pack	No. of Cutting Edges	Dimensions (mm)		CBN									
						Nose Radius	Cutting Edge Length	BNX10	BNX20	BNX25*	BN1000	BN2000	BN250	BN350	BN500	BN7000	BN700
	Standard	2NU-SNMA 120404	—	1	1	0.4	2.5										
		120408				0.8	2.3										
		120412				1.2	2.1										
	Standard	T-2NU-SNMA 120404	—	10	1	0.4	2.5										
		120408				0.8	2.3										
		120412				1.2	2.1										
	Standard	2NS-SNMA 120404	—	1	1	0.4	2.5										
		120408				0.8	2.3										
		120412				1.2	2.1										
	Standard	T-2NS-SNMA 120404	—	10	1	0.4	2.5										
		120408				0.8	2.3										
		120412				1.2	2.1										

*For BNX25, use NS type code (NS-SNMA) *Depth-of-cut for one-use type is 0.5mm or less

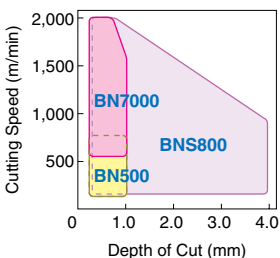
● Multi-cornered, One-use Type/Negative (With Hole)

Appearance	Cutting edge specification	Cat. No.	Old Cat. No.	Pcs./Pack	No. of Cutting Edges	Dimensions (mm)		CBN									
						Nose Radius	Cutting Edge Length	BNX10	BNX20	BNX25*	BN1000	BN2000	BN250	BN350	BN500	BN7000	BN700
	Standard	2NU-SNGA 120404	—	1	2	0.4	2.5										
		120408				0.8	2.3										
		120412				1.2	2.1										
	Standard	T-2NU-SNGA 120404	—	10	2	0.4	2.5										
		120408				0.8	2.3										
		120412				1.2	2.1										
	Standard	2NS-SNGA 120404	—	1	2	0.4	2.5										
		120408				0.8	2.3										
		120412				1.2	2.1										
	T01215	2NU-SNGA 120404LT	—	1	2	0.4	2.5										
		120408LT				0.8	2.3										
		120412LT				1.2	2.1										

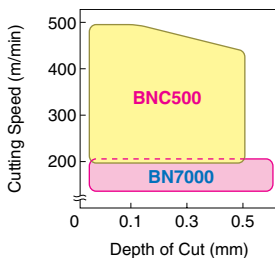
*For BNX25, use 2NS type code (2NS-SNGA) *Depth-of-cut for one-use type is 0.5mm or less

SUMIBORON Application Range Map

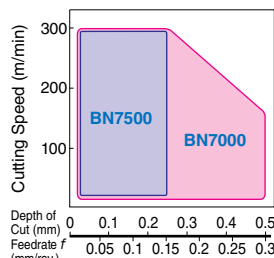
© Grey Cast Iron



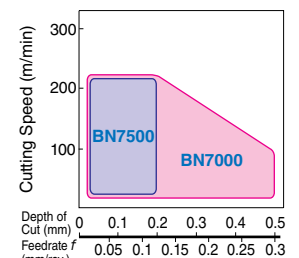
Ⓓ Ductile Cast Iron



Ⓔ General Sintered Alloy



Ⓕ High Density Sintered Alloy



▲mark: To be replaced by new item (Please confirm stock availability)