SUMIBORON Indexable Inserts

D 55° Diamond Type

DN■■1504●●

I.C.: ø12.7 Thickness: 4.76 Hole: ø5.16

Applicable holder ref. page, (Example)

Applicable External Holders C9, 10

Applicable Internal Holders E65 to E67

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								—

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	BNX10	BNX20	BNX25*	BN1000	BN2000	BN250	BN350	BN500	BN7000	BN700	BN7500	BNS800
K cast iron								○	●			◕
S exotic alloy									●			◕
H hardened steel	○	◔	✪	●	◕	◔	✖					
sintered component									◕		●	

CBN

● One-use Type/Negative (With Hole)

Appearance	Cutting edge specification	Cat. No.	Old Cat. No.	Pcs./Pack	No. of Cutting Edges	Nose Radius	Cutting Edge Length	BNX10	BNX20	BNX25*	BN1000	BN2000	BN250	BN350	BN500	BN7000	BN700	BN7500	BNS800
	Standard	NU-DNMA 150401	—	1	1	0.1	2.7			—		●	▲						—
		150402				0.2	2.5			—		●	▲						—
		150404				0.4	2.5	◉	◉	—	◉	◉	◬	◉	◉	●	●		—
		150408				0.8	2.1	◉	◉	—	◉	◉	◬	◉	◉	●	●		—
		150412				1.2	2.0			—		●	▲		◉	●	●		—
		T-NU-DNMA 150401	—	10	1	0.1	2.7			—									—
		150402				0.2	2.5			—									—
		150404				0.4	2.5	◉	◉	—	◉	◉	◬	◉	◉				—
		150408				0.8	2.1	◉	◉	—	◉	◉	◬	◉	◉				—
		150412				1.2	2.0			—					◉				—
	Standard	NS-DNMA 150404	—	1	1	0.4	2.5	—	—	◉	—	—	—	—	—	—	—	—	—
		150408				0.8	2.1	—	—	◉	—	—	—	—	—	—	—	—	—
		150412				1.2	2.0	—	—		—	—	—	—	—	—	—	—	—
		T-NS-DNMA 150404	—	10	1	0.4	2.5	—	—	◉	—	—	—	—	—	—	—	—	—
		150408				0.8	2.1	—	—	◉	—	—	—	—	—	—	—	—	—
		150412				1.2	2.0	—	—		—	—	—	—	—	—	—	—	—

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

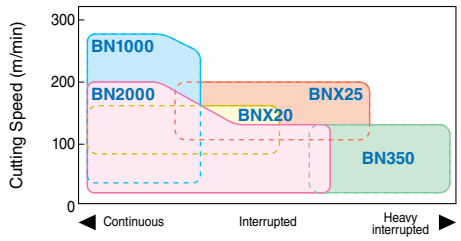
● Multi-cornered,One-use Type/Negative (With Hole)

Appearance	Cutting edge specification	Cat. No.	Old Cat. No.	Pcs./Pack	No. of Cutting Edges	Nose Radius	Cutting Edge Length	BNX10	BNX20	BNX25*	BN1000	BN2000	BN250	BN350	BN500	BN7000	BN700	BN7500	BNS800
	Standard	2NU-DNGA 150404	—	1	2	0.4	2.5		◉	—	●	◉	◬	●		●	●	●	—
		150408				0.8	2.1		◉	—	●	◉	◬	◉		●	◉	●	—
		150412				1.2	2.0			—		●				●			—
		T-2NU-DNGA 150404	—	10	2	0.4	2.5		◉	—		◉	◬						—
		150408				0.8	2.1		◉	—		◉	◬	◉		◉	◉		—
		150412				1.2	2.0			—									—
	Standard	2NS-DNGA 150404	—	1	2	0.4	2.5	—	—	◉	—	—	—	—	—	—	—	—	—
		150408				0.8	2.1	—	—	◉	—	—	—	—	—	—	—	—	—
		150412				1.2	2.0	—	—		—	—	—	—	—	—	—	—	—
		T-2NS-DNGA 150404	—	10	2	0.4	2.5	—	—	◉	—	—	—	—	—	—	—	—	—
		150408				0.8	2.1	—	—	◉	—	—	—	—	—	—	—	—	—
		150412				1.2	2.0	—	—		—	—	—	—	—	—	—	—	—

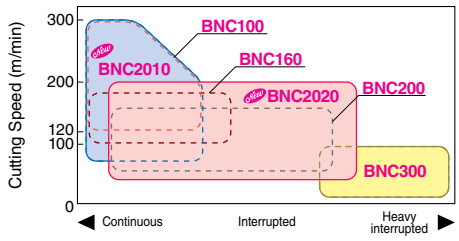
*For BNX25, use 2NS type code (2NS-DNGA) *Depth-of-cut for one-use type is 0.5mm or less

SUMIBORON Application Range Map

Ⓐ Uncoated SUMIBORON



Ⓑ Coated SUMIBORON



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