R Round Type

RNGN●●●●●●

I.C.: 9.525 to 12.7 Thickness: 3.18 to 4.76 Hole: —

Applicable holder ref. page, (Example)

Applicable External Holders ☞ L99

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

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

Legend: Continuous Cut ● : 1st Choice ○ : 2nd Choice; Medium Cut ● : 1st Choice ○ : 2nd Choice; Interrupted Cut ✖ : 1st Choice ✲ : 2nd Choice

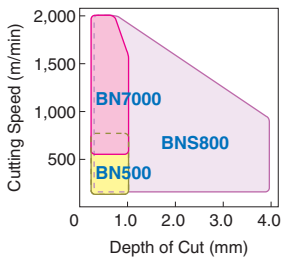
Recommended Application		BNX10	BNX20	BNX25	BN1000	BN2000	BN350	BN500	BN7000	BN700	BN7500	BNS800
		CBN										
K	cast iron							○	●			●
S	exotic alloy								●			●
H	hardened steel	○	○	✲	●	●	✖					
	sintered component								●		●	

■Solid Type/Negative (Without Hole)

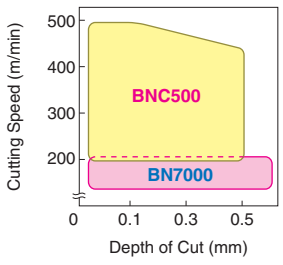
Appearance	Cutting Edge Specification	Cat. No.	Old Cat. No.	Pcs./Pack	No. of Cutting Edges	Dimensions (mm) Cutting Edge Length	Dimensions (mm) Thickness	BNX10	BNX20	BNX25	BN1000	BN2000	BN350	BN500	BN7000	BN700	BN7500	BNS800
	Standard	**RNGN 090300**	—	1	Solid	9.5	3.1	—	—	—	—	—	—	—	—	—	—	●
Less Cutting force	Sharp Edge	**RNGN 090300LF**	RNGN 090300F	1	Solid	9.5	3.1	—	—	—	—	—	—	—	—	—	—	●
	Standard	**RNGN 120300**	—	1	Solid	12.7	3.1	—	—	—	—	—	—	—	—	—	—	●
Less Cutting force	Sharp Edge	**RNGN 120300LF**	RNGN 120300F	1	Solid	12.7	3.1	—	—	—	—	—	—	—	—	—	—	●
	Standard	**RNGN 120400**	—	1	Solid	12.7	4.7	—	—	—	—	—	—	—	—	—	—	●

SUMIBORON Application Range Map

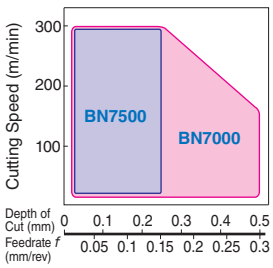
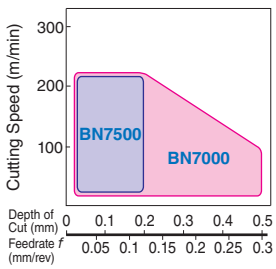
Ⓒ Gray Cast Iron



Ⓓ Ductile Cast Iron



Ⓔ General Sintered Alloy



Ⓕ High Density Sintered Alloy