

# CBN TOOLS

How to read this page **B13**

## 35° Diamond Negative Insert with Hole

Part Number	A	T	Ød (in)
VNGA 33_	3/8	3/16	0.150

- CBN
- PCD
- NEGATIVE
- C
- D
- S
- T
- V
- W
- SOLID
- GROOVING

Symbol	Edge Prep.		K											Toolholder	Page			
	Cutting Edge Spec.	Example																
F	Sharp Edge																	
E	Rounded Cutting Edge (Hone)	E003 R0.003" Honed																
T	Chamfered Cutting Edge	T00515 0.005" X 15° Chamfered Cutting Edge	H															
S	Chamfered and Honed Cutting Edge	S00525 0.005" X 25° Chamfered and Honed Cutting Edge	H															
				Powdered Steel														
Insert	ANSI Part Number	Edge Prep (in)	ISO Part Number	Dimensions (in)		No. of Edges	MEGACOAT CBN					CBN						
				rE	S		KBN05M	KBN10M	KBN25M	KBN30M	KBN35M	KBN60M	KBN65M	KBN70M	KBN510	KBN525		KBN475
 Multi Edge Finishing	VNGA 331S00245MEP	S00245	VNGA 160404S00545MEP	1/64	0.079	●												
	332S00245MEP		160408S00545MEP	1/32	0.071	●												
 Multi Edge Sharp Edge	VNGA 331MEF	F	VNGA 160404MEF	1/64	0.079													○
	332MEF		160408MEF	1/32	0.071													
 Multi Edge	VNGA 3302S00525ME	S00525	VNGA 160401S01225ME	0.004	0.102		○	○										
	3305S00525ME		160402S01225ME	0.008	0.091	2	●	●	●	●	●			○	○			
	331S00525ME		160404S01225ME	1/64	0.079	2	●	●	○	●	●			●	●	○		
	332S00525ME		160408S01225ME	1/32	0.071	2	●	○	○	○	●					○		
	VNGA 331T00515ME		T00515	VNGA 160404T01215ME	1/64	0.079	2						○	●	●	○		
332T00515ME	160408T01215ME	1/32	0.071	2						○	●		○					
 Multi Edge Tough	VNGA 331S00730MET	S00730	VNGA 160404S01730MET	1/64	0.079	2	●	○	●	○	●							●
	332S00730MET		160408S01730MET	1/32	0.071	2	●	○	●	○	●							
 Multi Edge Interruption	VNGA 331S01630MEH	S01630	VNGA 160404S04030MEH	1/64	0.079	2	○											
	332S01630MEH		160408S04030MEH	1/32	0.071	2	●											
 Small Edge	VNGA 3302S00525SE	S00525	VNGA 160401S01225SE	0.004	0.102	1												○
	3305S00525SE		160402S01225SE	0.008	0.091	1	●	●						○	●			
	331S00525SE		160404S01225SE	1/64	0.075	1	●	●						●	●			
	332S00525SE		160408S01225SE	1/32	0.106	1	●	●						●	●			
	VNGA 331T00515SE		T00515	VNGA 160404T01215SE	1/64	0.075	1								●	●		
332T00515SE	160408T01215SE	1/32	0.106	1									●	●				
 Small Edge Tough	VNGA 331S00730SET	S00730	VNGA 160404S01730SET	1/64	0.075	1												○
	332S00730SET		160408S01730SET	1/32	0.106	1	●											
 Standard Edge	VNGA 332S00525	S00525	VNGA 160408S01225	1/32	0.157	1	●											

D18  
D19  
D20