60° Triangle

Negative Insert with Hole

(in)

Part Number		A	T	Ød
TNGA	33_	3/8	3/16	0.150
TNGM	33_	3/8	3/16	0.150

Edge Prep.			
Symbol	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
S	Chamfered and Honed Cutting Edge	S00525	0.005" X 25° Chamfered and Honed Cutting Edge

K	Gray Cast Iron (with Scale)	
	Nodular Cast Iron (without Scale)	●
	Nodular Cast Iron (with Scale)	
H	Hard Materials (Roughing)	✠ ✠
	Hard Materials (Finishing)	● ○ ● ○ ◔
	Hard Materials (Chip Control)	● ●
	Powdered Steel	◔ ✠ ●

Insert	ANSI Part Number	Edge Prep (in)	ISO Part Number	Dimensions (in) rε	Dimensions (in) S	No. of Edges	MEGACOAT CBN KBN05M	KBN10M	KBN25M	KBN30M	KBN35M	KBN60M	KBN65M	KBN70M	CBN KBN510	KBN525	KBN475	KBN65B	KBN570	Toolholder Page
Multi Edge Finishing NEW	TNGA 331S00245MEP		TNGA 160404S00545MEP	1/64	0.106		○													
	332S00245MEP	S00245	160408S00545MEP	1/32	3/32	3	○													
	333S00245MEP		160412S00545MEP	3/64	0.083		○													
Multi Edge Sharp Edge NEW	TNGA 331MEF		TNGA 160404MEF	1/64	0.106												○		○	
	332MEF	F	160408MEF	1/32	3/32	3											○		○	
	333MEF		160412MEF	3/64	0.083												○		○	
Multi Edge	TNGA 3302S00525ME		TNGA 160401S01225ME	0.004	0.114		○	○	○											
	3305S00525ME		160402S01225ME	0.008	0.110		●	●	●		○	●			○	○				
	331S00525ME	S00525	160404S01225ME	1/64	0.106	3	●	●	●	○	●	●			●	●	○			
	332S00525ME		160408S01225ME	1/32	3/32		●	●	●	○	●	●			●	●	○			
	333S00525ME		160412S01225ME	3/64	0.083		●	●	●	○	●	●			●	●	○			
	TNGA 331T00515ME		TNGA 160404T01215ME	1/64	0.106								○	●	●	●	○			
	332T00515ME	T00515	160408T01215ME	1/32	3/32	3							○	●	●	●	○			
	333T00515ME		160412T01215ME	3/64	0.083								○	●	●	●	○			
Multi Edge Tough	TNGA 331S00730MET		TNGA 160404S01730MET	1/64	0.106		●	○	●	○	●					○				
	332S00730MET	S00730	160408S01730MET	1/32	3/32	3	●	○	●	○	●					●				
	333S00730MET		160412S01730MET	3/64	0.083		●		●	○	●					○				
Multi Edge Interruption NEW	TNGA 331S01630MEH		TNGA 160404S04030MEH	1/64	0.106		○													
	332S01630MEH	S01630	160408S04030MEH	1/32	3/32	3	○													
	333S01630MEH		160412S04030MEH	3/64	0.083		○													
Small Edge	TNGA 3302S00525SE		TNGA 160401S01225SE	0.004	0.102				○							○				
	3305S00525SE		160402S01225SE	0.008	0.114			●	●						○	●				
	331S00525SE	S00525	160404S01225SE	1/64	0.106	1		●	●						○	●				
	332S00525SE		160408S01225SE	1/32	3/32			●	●						●	●				
	TNGA 331T00515SE	T00515	TNGA 160404T01215SE	1/64	0.106	1									○	●				
	332T00515SE		160408T01215SE	1/32	3/32										●	●				
Small Edge Tough	TNGA 331S00730SET	S00730	TNGA 160404S01730SET	1/64	0.106	1			●							●				
	332S00730SET		160408S01730SET	1/32	3/32				●							●				
Chip Control	TNGM 331S00325BB1		TNGM 160404S00825BB1	1/64	0.059			○	○											
	332S00325BB1	S00325	160408S00825BB1	1/32	0.067	1		○	○											
	333S00325BB1		160412S00825BB1	3/64	0.075				○											
	TNGM 331S00525BB2		TNGM 160404S01225BB2	1/64	0.075				○											
	332S00525BB2	S00525	160408S01225BB2	1/32	0.083	1			○											
	333S00525BB2		160412S01225BB2	3/64	0.087				○											
	TNGM 331S00625BB3		TNGM 160404S01625BB3	1/64	0.087			○	○											
	332S00625BB3	S00625	160408S01625BB3	1/32	3/32	1			○											
	333S00625BB3		160412S01625BB3	3/64	0.102				○											

D14 D15 D16 F74 F84 F85