

80° Trigon

Negative Insert with Hole

Part Number	A	T	Ød (in)
WNGA 43_	1/2	3/16	0.203

Symbol	Cutting Edge Spec.	Edge Prep.		Example	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	MEGACOAT CBN										Toolholder Page
		ANSI Part Number	Edge Prep (in)											ISO Part Number	Dimensions (in)		CBN							
Insert					ANSI Part Number	Edge Prep (in)	ISO Part Number	rε	S	No. of Edges		CBN										Toolholder Page		
F	Sharp Edge	E003	R0.003*	Honed	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	MEGACOAT CBN										Toolholder Page
														CBN										
Multi Edge Sharp Edge					WNGA 431MEF	F	WNGA 080404MEF	1/64	0.079	3												D22 D23 F87 F88		
					432MEF		WNGA 080408MEF	1/32	0.102															
Multi Edge					WNGA 431S00525ME	S00525	WNGA 080404S01225ME	1/64	0.079	3												D22 D23 F87 F88		
					432S00525ME		WNGA 080408S01225ME	1/32	0.102															
					433S00525ME		WNGA 080412S01225ME	3/64	0.098															
Multi Edge Tough					WNGA 431T00515ME	T00515	WNGA 080404T01215ME	1/64	0.079	3												D22 D23 F87 F88		
					432T00515ME		WNGA 080408T01215ME	1/32	0.102															
					433T00515ME		WNGA 080412T01215ME	3/64	0.098															
Multi Edge Tough					WNGA 431S00730MET	S00730	WNGA 080404S01730MET	1/64	0.079	3												D22 D23 F87 F88		
					432S00730MET		WNGA 080408S01730MET	1/32	0.102															
					433S00730MET		WNGA 080412S01730MET	3/64	0.098															
Small Edge					WNGA 431S00525SE	S00525	WNGA 080404S01225SE	1/64	0.079	1												D22 D23 F87 F88		
					432S00525SE		WNGA 080408S01225SE	1/32	0.075															
Small Edge Tough					WNGA 431S00730SET	S00730	WNGA 080404S01730SET	1/64	0.079	1												D22 D23 F87 F88		

GRADES	A
INSERTS	B
CBN & PCD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T