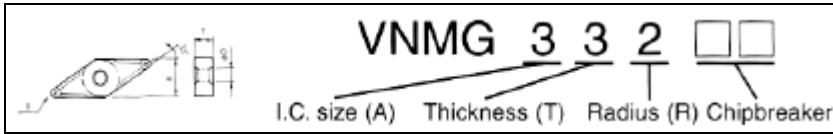


INSERTS - VNMG, VNGG

E



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VN				Chip Breaker: TS for SEMI FINISHING		
				Cermet grades		Coated Carbide Grade
TS		Chip Breaker		NS530 AT530 T9025		
<---Speed/Toughness--->						
I.C.	T	Radius	Applications	Steel	Steel 700-1000	Steel 400-700
			Geometry		Stainless 500-700	Stainless 300-450
3/8 0.375	3/16 0.187	1/64 0.016	VNMG331TS VNMG160404TS	TO-3175	TO-3173	TO-3683
3/8 0.375	3/16 0.187	1/32 0.031	VNMG332TS VNMG160408TS	TO-3207	TO-3205	TO-3689
D.O.C. = .020~.060, Feed =						

VN				Chip Breaker: SS - Semi-Finishing	
				Coated Carbide Grades	
SS		Chip Breaker		T6020	T6030
<---Speed/Toughness--->					
I.C.	T	Radius	Applications	Stainless 350-600	Stainless 250-450
			Geometry		
3/8 0.375	3/16 0.187	1/64 0.016	VNMG331SS VNMG160404SS	TO-3154	TO-3155
3/8 0.375	3/16 0.187	1/32 0.031	VNMG332SS VNMG160408SS	TO-3184	TO-3185
3/8 0.375	3/16 0.187	3/64 0.047	VNMG333SS VNMG160412SS	-	TO-3214
D.O.C. = .020~.120, Feed = .003 ~ .008					

VN				Chip Breaker: TM- for Medium Cutting				
				Coated Carbide Grades				
TM		Chip Breaker		T9015	T9025	T9035	AH110	AH120
<---Speed/Toughness--->								
I.C.	T	Radius	Applications	Steel 500-1000	Steel 400-800	Steel	S.A. 125-200	S.A. 65-150
			Geometry					
3/8 0.375	3/16 0.187	1/64 0.016	VNMG331TM VNMG160404TM	TO-3679	TO-3680	TO-3681	TO-3161	TO-3162
3/8 0.375	3/16 0.187	1/32 0.031	VNMG332TM VNMG160408TM	TO-3685	TO-3686	TO-3687	TO-3193	TO-3194
3/8 0.375	3/16 0.187	3/64 0.047	VNMG333TM VNMG160412TM	TO-3690	TO-3691	-	TO-8355	-
D.O.C. = .040~.150, Feed = .005 ~ .020								

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VN				Chip Breaker: P- GENERAL PURPOSE
				Uncoated Carbide Grades
P		Chip Breaker		TH10
Non Ferrous				
I.C.	T	Radius	Applications	
			Geometry	
3/8 0.375	3/16 0.187	1/128 0.008	VNGG330FLP VNGG160402LP	TO-3136
3/8 0.375	3/16 0.187	1/128 0.008	VNGG330FRP VNGG160402RP	TO-3137
3/8 0.375	3/16 0.187	1/64 0.016	VNGG331FLP VNGG160404LP	TO-3139
3/8 0.375	3/16 0.187	1/64 0.016	VNGG331FRP VNGG160404RP	TO-3140
3/8 0.375	3/16 0.187	1/32 0.031	VNGG332FLP VNGG160408LP	TO-3142
3/8 0.375	3/16 0.187	1/32 0.031	VNGG332FRP VNGG160408RP	TO-3143
D.O.C. = .02~.150, Feed = .004 ~ .012				

OD Turning Holders
Are Located On Pages 298-305

Coated Carbide Grades	Application
T6020	For general purpose turning of steels and stainless steels
T6030	For rough cutting of steels & stainless steels
AH110	Turning of super (high temp) alloys and Non ferrous metals
AH120	Turning and Milling of super (high temp) alloys and heavy milling of steels

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