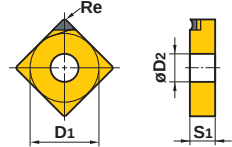
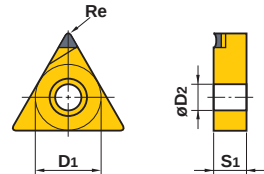
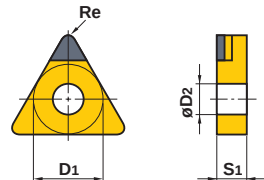


90° SN TYPE INSERTS WITH HOLE

Work Material	N	Non-ferrous Metal	●	Cutting Conditions (Guide) :					
				● : Stable Cutting ● : General Cutting ✖ : Unstable Cutting					
Shape	Order Number	PCD	Dimensions (mm)				Geometry	Applicable Holder Page	
		MD220	D1	S1	Re	D2			
 (With Breaker)	NP-SNMM120404R-F	★	12.7	4.76	0.4	5.16		C012 —015 E015 E036	
	120408R-F	★	12.7	4.76	0.8	5.16			

60° TN TYPE INSERTS WITH HOLE

Work Material	N	Non-ferrous Metal	●	Cutting Conditions (Guide) :					
				● : Stable Cutting	● : General Cutting	✖ : Unstable Cutting			
Shape	Order Number	PCD	MD220	Dimensions (mm)				Geometry	Applicable Holder Page
		D1		S1	Re	D2			
 (With Breaker)	NP-TNMM160402R-F	★		9.525	4.76	0.2	3.81		C016 —018 E015 E036
	160404R-F	★		9.525	4.76	0.4	3.81		
	160408R-F	★		9.525	4.76	0.8	3.81		
	TNGA160402	★		9.525	4.76	0.2	3.81		C016 —018 E015 E036
	160404	★		9.525	4.76	0.4	3.81		
	160408	★		9.525	4.76	0.8	3.81		

GRADES > B015
IDENTIFICATION > B002