

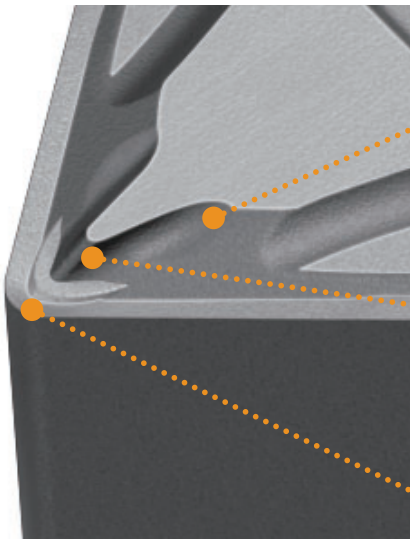
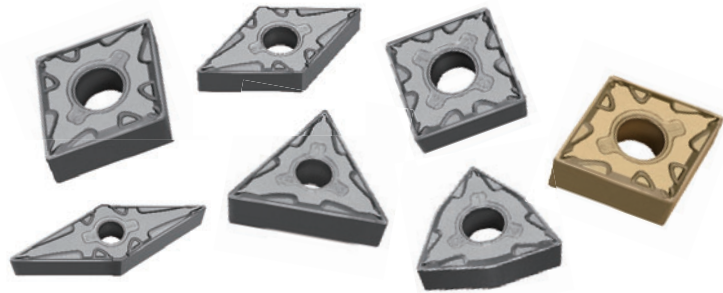
Finish Cutting Breaker of Cermet Grade for Steels

**NX2525  
MP3025**

# FP Breaker



## Better choice for finish cutting of steels offers good chip control in wide cutting conditions.



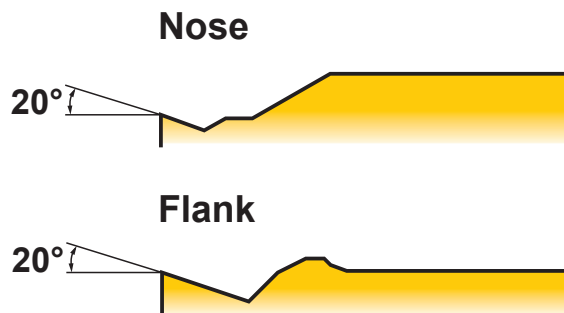
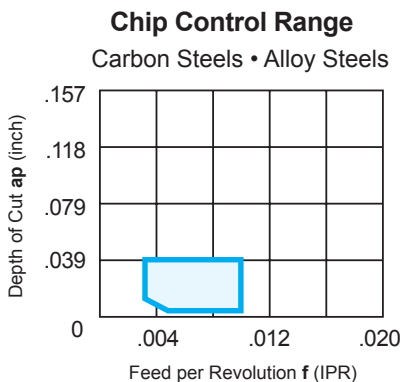
### Stable Chip Control in Wide Range

1st and 2nd convex and recess geometry provide stable chip control. 1st convex provides excellent chip control in low feed rates.

### Available to Both General and Low Carbon Steel Cutting

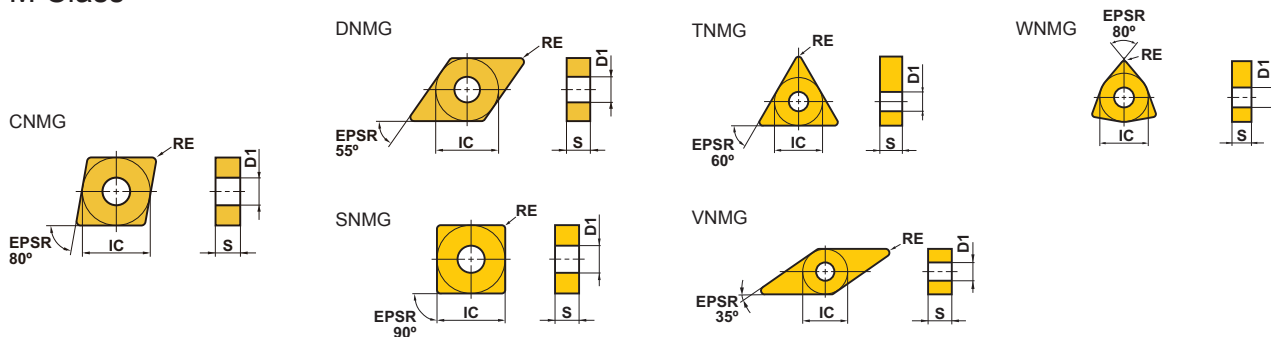
2nd convex is effective for chip control of soft materials.

### A Good Surface Finish Through the 20° Positive High Rake Angle



# Negative Inserts (With Hole)

## M Class



Order Number	Cutting Area			IC	S	RE	D1	(inch)							
		MP3025	NX2525					Order Number	Cutting Area	MP3025	NX2525	IC	S	RE	D1
CNMG430.5FP	F	●	★	.500	.187	.008	.203	TNMG330.5FP	F	●	★	.375	.187	.008	.150
CNMG431FP	F	●	★	.500	.187	.016	.203	TNMG331FP	F	●	★	.375	.187	.016	.150
CNMG432FP	F	●	★	.500	.187	.031	.203	TNMG332FP	F	●	★	.375	.187	.031	.150
<b>NEW</b> CNMG433FP	F	●	★	.500	.187	.047	.203	<b>NEW</b> TNMG333FP	F	●	★	.375	.187	.047	.150
DNMG430.5FP	F	●	★	.500	.187	.008	.203	VNMG330.5FP	F	●	★	.375	.187	.008	.150
DNMG431FP	F	●	★	.500	.187	.016	.203	VNMG331FP	F	●	★	.375	.187	.016	.150
DNMG432FP	F	●	★	.500	.187	.031	.203	VNMG332FP	F	●	★	.375	.187	.031	.150
<b>NEW</b> DNMG433FP	F	●	★	.500	.187	.047	.203	<b>NEW</b> VNMG333FP	F	●	★	.375	.187	.047	.150
DNMG440.5FP	F	●	★	.500	.250	.008	.203	WNMG430.5FP	F	●	★	.500	.187	.008	.203
DNMG441FP	F	●	★	.500	.250	.016	.203	WNMG431FP	F	●	★	.500	.187	.016	.203
DNMG442FP	F	●	★	.500	.250	.031	.203	WNMG432FP	F	●	★	.500	.187	.031	.203
<b>NEW</b> DNMG443FP	F	●	★	.500	.250	.047	.203	<b>NEW</b> WNMG433FP	F	●	★	.500	.187	.047	.203
SNMG431FP	F	●	★	.500	.187	.016	.203								
SNMG432FP	F	●	★	.500	.187	.031	.203								
<b>NEW</b> SNMG433FP	F	●	★	.500	.187	.047	.203								

● : Inventory maintained. ★ : Inventory maintained in Japan.  
(10 inserts in one case)

## Recommended Cutting Conditions

Work Material	Properties	Cutting Area	Cutting Conditions	Grade	Chip Breaker	vc (SFM)	f (IPR)	ap	(inch)
									P
			General Cutting	General Cutting	<b>MP3025</b>	FP	705—1080	.003— .010	.004— .039

### For your safety

● Don't touch breakers and chips without gloves. ● Please machine within recommended application range, and exchange expired tools with new parts in advance. ● Please use safety cover and wear safety glasses. ● When using compounded cutting oils, please take fire prevention. ● When attaching inserts or spare parts, please use the attached wrench or driver. ● When using tools in revolution machining, please make a trial run to check run-out, vibration, abnormal sounds etc.

## MITSUBISHI MATERIALS U.S.A. CORPORATION

Customer Service : 800-523-0800  
 Technical Service : 800-486-2341  
**LOS ANGELES HEAD OFFICE**  
 11250 Slater Avenue, Fountain Valley, CA 92708  
 TEL : 714-352-6100 FAX : 714-668-1320

**CHICAGO OFFICE**  
 1314B North Plum Grove Road, Schaumburg, IL 60173  
 TEL : 847-252-6300 FAX : 847-519-1732

**TORONTO OFFICE**  
 3535 Laird Road, Units 15 & 16, Mississauga, Ontario, L5L 5Y7, Canada  
 TEL : 905-814-0240 FAX : 905-814-0245

**MMC METAL DE MEXICO, S.A. DE C.V.**  
 Av. La Cañada No.16, Parque Industrial Bernardo Quintana,  
 El Marques, Queretaro, CP76246, Mexico  
 TEL : +52-442-221-6136 FAX : +52-442-221-6134

URL : <http://www.mitsubishicarbide.com>  
 (Tools specifications subject to change without notice.)