

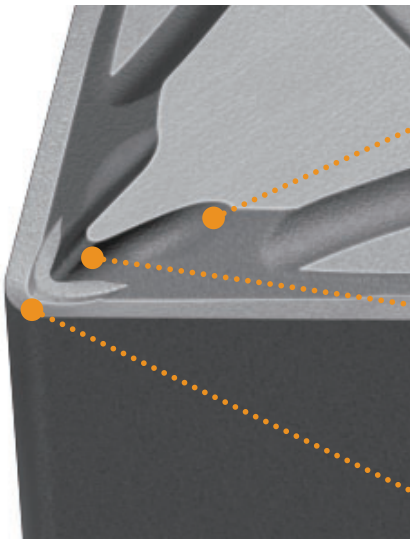
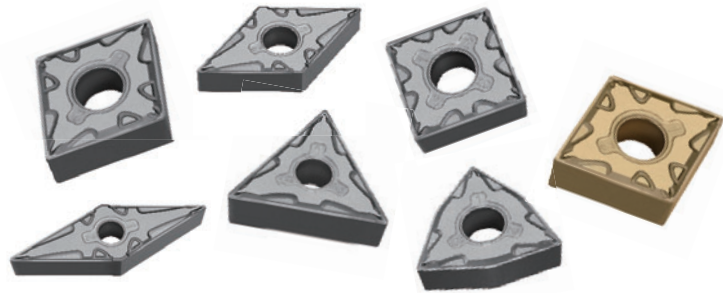
Finish Cutting Breaker of Cermet Grade for Steels

**NX2525
MP3025**

FP Breaker



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



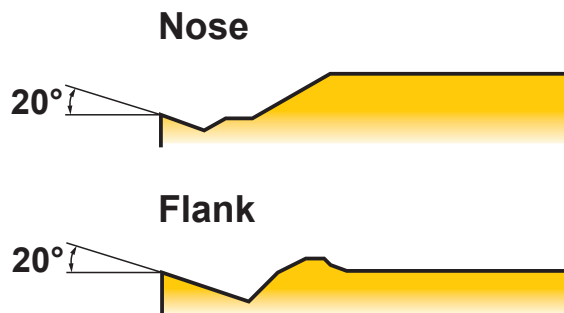
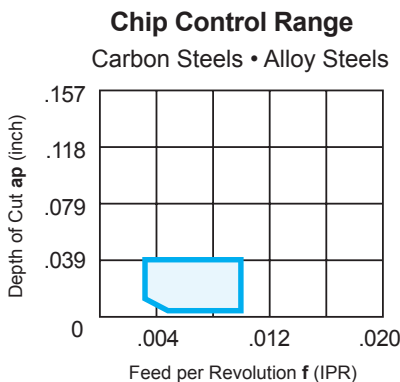
Stable Chip Control in Wide Range

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

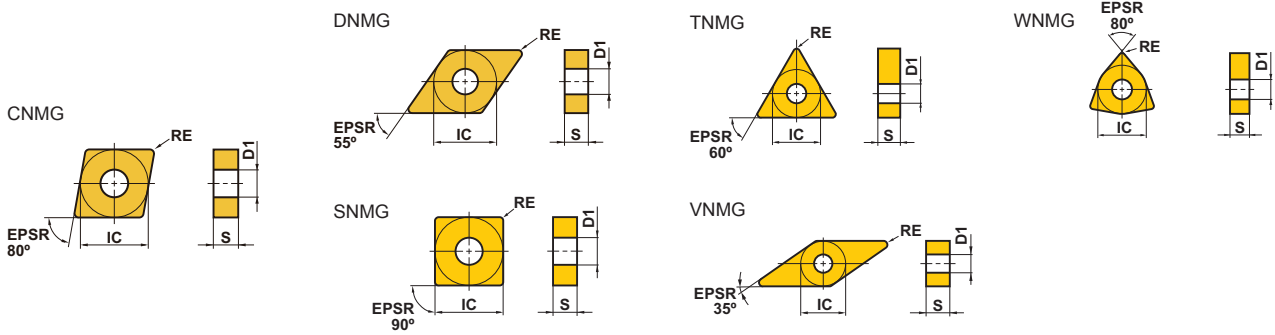
2nd convex is effective for chip control of soft materials.

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



Negative Inserts (With Hole)

M Class



Order Number	Cutting Area	MP3025	NX2525	IC	S	RE	D1	(inch)							
								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
NEW CNMG433FP	F	●	★	.500	.187	.047	.203	NEW 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
NEW DNMG433FP	F	●	★	.500	.187	.047	.203	NEW 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
NEW DNMG443FP	F	●	★	.500	.250	.047	.203	NEW WNMG433FP	F	●	★	.500	.187	.047	.203
SNMG431FP	F	●	★	.500	.187	.016	.203								
SNMG432FP	F	●	★	.500	.187	.031	.203								
NEW 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 Carbon Steels • Alloy Steels	180—280HB	Finish Cutting	Stable Cutting	NX2525	FP	690—985	.003—.010	.004—.039	
			General Cutting	MP3025	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 reversal machining, please make a trial run to check run-out, vibration, abnormal sounds etc.

MITSUBISHI MATERIALS U.S.A. CORPORATION

AHB

TOOLING & MACHINERY, INC.

COMPLETE METALWORKING SOLUTIONS

(800) 991-4225

www.ahbinc.com

ISO Certified

customerservice@ahbinc.com