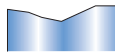
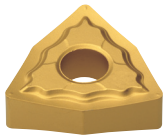
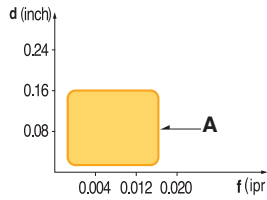


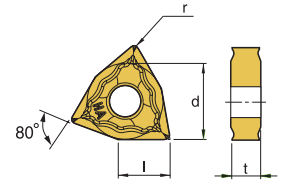
WNMG-A



- Sharp cutting edge generates low cutting force
- Specially designed tough main cutting edge
- Suitable for cutting of low carbon steel, stainless steel, aluminum

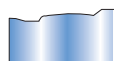
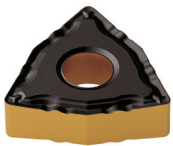


- USE Light & Medium
- Recommendation
A $d = 0.032 \sim 0.16 \text{ inch}$
 $f = 0.004 \sim 0.016 \text{ ipr}$

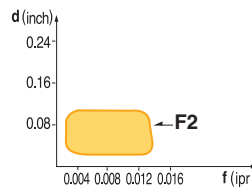


Designation	ISO	Coated Carbide										Cermet		Uncoated Carbide	(inch)				Applicable Holders			
		PT10C	PT20C	PT22C	PT30C	PM10P	MT20C	MT30P	KT05C	KT10C	ST10P	PT10S	PT20S	KTM10U	l	d	t	r	Holder	Page No.		
WNMG 431-A	080404						147689 \$ 12.65							148422 \$ 12.65			0.343	1/2	3/16	1/64	Turning MWLNR/L	E54
WNMG 432-A	080408						147692 \$ 12.65							148423 \$ 12.65			0.343	1/2	3/16	1/32	Boring MWLNR/L	E66

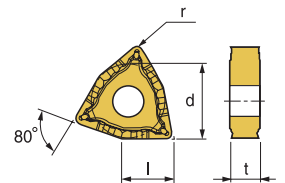
WNMG-F2



- Excellent chip control at varied depth of cutting
- Strong cutting edge toughness due to special design



- USE Finishing
- Recommendation
F2 $d = 0.01 \sim 0.1 \text{ inch}$
 $f = 0.002 \sim 0.014 \text{ ipr}$



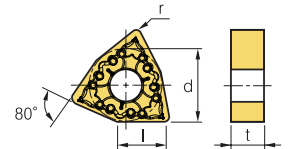
Designation	ISO	Coated Carbide										Cermet		Uncoated Carbide	(inch)				Applicable Holders			
		PT10C	PT15C	PT20C	PT30C	PM10P	MT20C	MT30P	KT05C	KT10C	ST10P	PT10S	PT20S	KTM10U	l	d	t	r	Holder	Page No.		
WNMG 431-F2	080404		149411 \$ 13.03													0.343	1/2	3/16	1/64	Turning MWLNR/L	E54	
																					Boring MWLNR/L	E66

WNMG-FVL



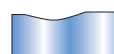
- Stable chip control in high toughness material; low carbon steel, pipe steel, and steel plates
- Improved chip control for facing, copy machining, and better surface finish

- USE Finishing
- Recommendation
FVL $d = 0.008 \sim 0.059 \text{ inch}$
 $f = 0.004 \sim 0.014 \text{ ipr}$

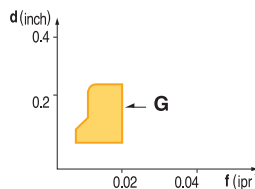


Designation	ISO	Coated Carbide										Cermet		Uncoated Carbide	(inch)				Applicable Holders			
		PT10C	PT15C	PT20C	PT25C	MT20C	MT30P	KT05C	KT10C	ST10P	PT10S	PT20S	KTM10U	l	d	t	r	Holder	Page No.			
WNMG 432-FVL	080404		149413 \$ 13.04		149415 \$ 13.03											0.343	1/2	3/16	1/64	Turning MWLNR/L	E54	
																					Boring MWLNR/L	E66

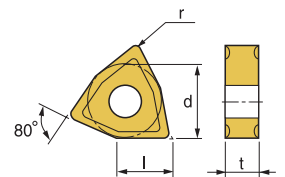
WNMG-G



- Suitable for general cutting



- USE General Cutting
- Recommendation
G $d = 0.16 \sim 0.4 \text{ inch}$
 $f = 0.02 \sim 0.04 \text{ ipr}$



Designation	ISO	Coated Carbide										Cermet		Uncoated Carbide	(inch)				Applicable Holders			
		PT10C	PT20C	PT22C	PT30C	PM10P	MT20C	MT30P	KT05C	KT10C	ST10P	PT10S	PT20S	KTM10U	l	d	t	r	Holder	Page No.		
WNMG 432-G	080408				146861 \$ 12.65											0.343	1/2	3/16	1/32	Turning MWLNR/L	E54	
																					Boring MWLNR/L	E66