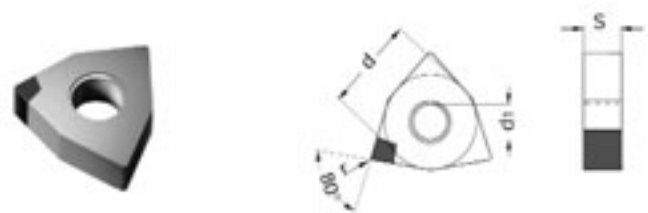


MAPAL Turning inserts with PCBN



WNMA...

Description	Dimensions (mm)				PCBN															
	d	s	r	d1	FJC1A0	FJE1A0	FJF1A0	FJG1A0	FJJ1A0	FJK1A0	FJL1A0									
					Cutting edges	Cutting edges	Cutting edges	Cutting edges	Cutting edges	Cutting edges	Cutting edges									
WNMA 080404 ...N-OAA	12,7	4,76	0,4	5,13	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
WNMA 080408 ...N-OAA	12,7	4,76	0,8	5,13	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
WNMA 080412 ...N-OAA	12,7	4,76	1,2	5,13	o	o														



WNMA...

Description	Dimensions (mm)				PCBN															
	d	s	r	d1	FJD1A0	FJH1A0	FJM1A0													
					Cutting edges	Cutting edges	Cutting edges													
WNMA 080404 ...N-OAT	12,7	4,76	0,4	5,13	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
WNMA 080408 ...N-OAT	12,7	4,76	0,8	5,13	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
WNMA 080412 ...N-OAT	12,7	4,76	1,2	5,13	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o



WNMA...

Description	Dimensions (mm)				PCBN															
	d	s	r	d1	FJD1A0	FJH1A0	FJM1A0													
					Cutting edges	Cutting edges	Cutting edges													
WNMA 080404 ...N-OAV	12,7	4,76	0,4	5,13		o	o	o												
WNMA 080408 ...N-OAV	12,7	4,76	0,8	5,13		o	o	o												
WNMA 080412 ...N-OAV	12,7	4,76	1,2	5,13		o	o	o												

MAPAL Turning inserts with PCBN



WNMA...

regrindable

Description	Dimensions (mm)				PCBN														
					FJC1A0		FJE1A0		FJF1A0		FJG1A0		FJJ1A0		FJK1A0		FJL1A0		
	d	s	r	d1	Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges				
					F01	T35	F01	T42	F01	T43	F01	T35	F01	T48	F01	T43	F01	T43	
WNMA 080404 ...N-OAA...-R	12,7	4,76	0,4	5,13	o	o					o	o				o	o		
WNMA 080408 ...N-OAA...-R	12,7	4,76	0,8	5,13	o	o		o		o	o	o		o		o	o	o	
WNMA 080412 ...N-OAA...-R	12,7	4,76	1,2	5,13	o	o					o	o				o	o		



WNGX...

Description	Dimensions (mm)				PCBN														
					FJC1A0		FJE1A0		FJF1A0		FJG1A0		FJJ1A0		FJK1A0		FJL1A0		
	d	s	r	d1	Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges				
					F01	T35	F01	T42	F01	T43	F01	T35	F01	T48	F01	T43	F01	T43	
WNGX-N 060302 ...N-OAC	9,2	3,18	0,2		o	o	o	o	o	o	o	o	o	o	o	o	o	o	
WNGX-N 060304 ...N-OAC	9,2	3,18	0,4		o	o	o	o	o	o	o	o	o	o	o	o	o	o	
WNGX-N 060308 ...N-OAC	9,2	3,18	0,8		o	o	o	o	o	o	o	o	o	o	o	o	o	o	
WNGX-N 060312 ...N-OAC	9,2	3,18	1,2		o	o	o	o	o	o	o	o	o	o	o	o	o	o	



WNGX...

Wiper

Description	Dimensions (mm)				PCBN														
					FJC1A0		FJE1A0		FJF1A0		FJG1A0		FJJ1A0		FJK1A0		FJL1A0		
	d	s	r	d1	Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges				
					W01	W66	W01	W44	W01	W48	W01	W66	W01	W60	W01	W48	W01	W48	
WNGX-N 060302 ...N-OAC	9,2	3,18	0,2		o	o	o	o	o	o	o	o	o	o	o	o	o	o	
WNGX-N 060304 ...N-OAC	9,2	3,18	0,4		o	o	o	o	o	o	o	o	o	o	o	o	o	o	
WNGX-N 060308 ...N-OAC	9,2	3,18	0,8		o	o	o	o	o	o	o	o	o	o	o	o	o	o	

Wiper