

## MAPAL Turning inserts with PCBN



### TPGN...

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					
TPGN 090204 ...N-OAA	5,56	2,38	0,4		o	o					o	o					o	o					
TPGN 110204 ...N-OAA	6,35	2,38	0,4		o	o					o	o					o	o					
TPGN 110302 ...N-OAA	6,35	3,18	0,2		o	o			o	o	o	o		o		o	o	o	o				
TPGN 110304 ...N-OAA	6,35	3,18	0,4		o	o	o	o	o	o	o	o		o		o	o	o	o				
TPGN 110308 ...N-OAA	6,35	3,18	0,8		o	o			o	o	o	o		o		o	o	o	o				
TPGN 160304 ...N-OAA	9,52	3,18	0,4		o	o	o	o	o	o	o	o		o		o	o	o	o				
TPGN 160308 ...N-OAA	9,52	3,18	0,8		o	o			o	o	o	o		o		o	o	o	o				



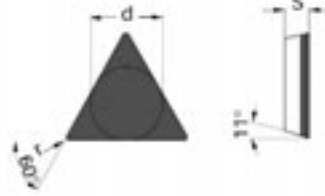
### TPGN...

Description	Dimensions (mm)				PCBN																		
					FJC1A0		FJE1A0		FJF1A0		FJG1A0		FJJ1A0		FJL1A0								
	d	s	r	d1	Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges										
					F01	T35	F01	T42	F01	T43	F01	T35	F01	T48	F01	T43							
TPGN 090204 ...N-OAAX	5,56	2,38	0,4			o					o				o								
TPGN 110204 ...N-OAAX	6,35	2,38	0,4			o					o				o								
TPGN 110304 ...N-OAAX	6,35	3,18	0,4			o	o		o	o	o	o		o		o	o	o	o				
TPGN 110308 ...N-OAAX	6,35	3,18	0,8			o	o		o	o	o	o		o		o	o	o	o				
TPGN 160304 ...N-OAAX	9,52	3,18	0,4			o	o		o	o	o	o		o		o	o	o	o				
TPGN 160308 ...N-OAAX	9,52	3,18	0,8			o					o				o								

### Order example:

Please state the reference with the cutting edge and PCBN grade selected in your order.

TPGN 160308 T43 N-OAAX-FJL1A0



TPGN...

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	Cutting edges	Cutting edges	Cutting edges	Cutting edges	Cutting edges				
					F01	T35	F01	T42	F01	T43	F01	T35	F01	T48	F01	T43	F01	T43		
TPGN 110304 ...N-OAF	6,35	3,18	0,4		o		o		o		o		o		o		o			
TPGN 110308 ...N-OAF	6,35	3,18	0,8		o						o				o		o			



TPMW...

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	Cutting edges	Cutting edges	Cutting edges	Cutting edges	Cutting edges				
					F01	T35	F01	T42	F01	T43	F01	T35	F01	T48	F01	T43	F01	T43		
TPMW 080202 ...N-OAA	4,76	2,38	0,2	2,2	o						o	o					o			
TPMW 080204 ...N-OAA	4,76	2,38	0,4	2,2	o	o				o	o	o		o		o	o	o		
TPMW 090202 ...N-OAA	5,56	2,38	0,2	2,5	o						o	o					o			
TPMW 090204 ...N-OAA	5,56	2,38	0,4	2,5	o	o	o			o	o	o		o		o	o	o		
TPMW 110202 ...N-OAA	6,35	2,38	0,2	2,8	o						o	o					o			
TPMW 110204 ...N-OAA	6,35	2,38	0,4	2,8	o	o					o	o					o	o		
TPMW 110302 ...N-OAA	6,35	3,18	0,2	2,8	o	o					o	o					o	o		
TPMW 110304 ...N-OAA	6,35	3,18	0,4	2,8	o	o	o	o	o	o	o	o		o		o	o	o		
TPMW 110308 ...N-OAA	6,35	3,18	0,8	2,8	o	o					o	o					o	o		
TPMW 160404 ...N-OAA	9,52	4,76	0,4	4,4	o	o	o	o	o	o	o	o		o		o	o	o		
TPMW 160408 ...N-OAA	9,52	4,76	0,8	4,4	o	o					o	o					o	o		

Order example:

Please state the reference with the cutting edge and PCBN grade selected in your order.

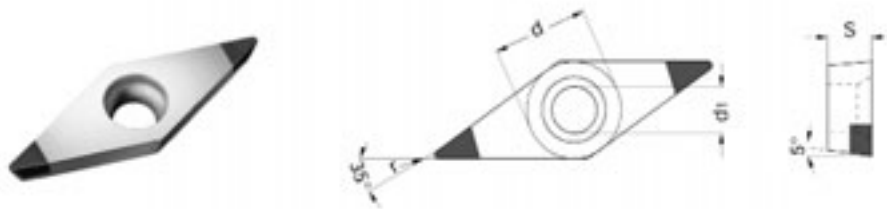
TPMW 110308 T35 N-OAA-FJG1A0

## MAPAL Turning inserts with PCBN



### TPMW...

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		Cutting edges				
					F01	T35	F01	T42	F01	T43	F01	T35	F01	T48	F01	T43	F01	T43	
TPMW 080204 ...N-OAAX	4,76	2,38	0,4	2,2		o				o		o		o		o		o	
TPMW 090204 ...N-OAAX	5,56	2,38	0,4	2,5		o		o		o		o		o		o		o	
TPMW 110208 ...N-OAAX	6,35	2,38	0,8	2,8		o				o		o		o		o		o	
TPMW 110304 ...N-OAAX	6,35	3,18	0,4	2,8	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
TPMW 110308 ...N-OAAX	6,35	3,18	0,8	2,8	o	o				o	o	o	o	o	o	o	o	o	o
TPMW 160408 ...N-OAAX	9,52	4,76	0,8	4,4		o				o		o		o		o		o	



### VBGW...

Description	Dimensions (mm)				PCBN														
	d	s	r	d1	FDG1A0														
	Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges				
					T51	S52	S54	S55	S58	S60									
VBGW 160404 ...N-OAB	9,52	4,76	0,4	3,81			o												
VBGW 160408 ...N-OAB	9,52	4,76	0,8	3,81			o												

### Order example:

Please state the reference with the cutting edge and PCBN grade selected in your order.

TPMW 110304 T43 N-OAAX-FJK1A0