

## MAPAL Turning inserts with PCBN



### SNGN...

Description	Dimensions (mm)				PCBN - coated																											
	d	s	r	d1	FJC7A0				FJE7A0				FJG7A0				FJL7A0															
					Cutting edges				Cutting edges				Cutting edges				Cutting edges															
F01	E01	T38	T40	T41	T35	T45	S36	F01	E01	T38	T40	T41	T35	S45	S36	F01	T38	S40	T41	S35	T43	S47	T49	F01	T38	T40	S41	T35	S43	T47	T49	
SNGN 120408 ...N-OAN	12,7	4,76	0,8		o		o						o	o			o	o							o	o	o					
SNGN 120412 ...N-OAN	12,7	4,76	1,2		o		o			o	o					o	o							o				o				



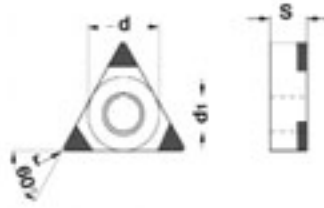
### TNGA...

Description	Dimensions (mm)				PCBN - coated																												
	d	s	r	d1	FJC7A0				FJE7A0				FJG7A0				FJL7A0																
					Cutting edges				Cutting edges				Cutting edges				Cutting edges																
F01	E01	T38	T40	T41	T35	T45	S36	F01	E01	T38	T40	T41	T35	S45	S36	F01	T38	S40	T41	S35	T43	S47	T49	F01	T38	T40	S41	T35	S43	T47	T49		
TNGA 110304 ...N-OAE	6,35	3,18	0,4	2,26		o	o						o				o		o										o				
TNGA 110308 ...N-OAE	6,35	3,18	0,8	2,26			o	o		o		o							o	o			o					o					
TNGA 160404 ...N-OAE	9,52	4,76	0,4	3,81			o				o											o							o				
TNGA 160408 ...N-OAE	9,52	4,76	0,8	3,81			o			o												o							o				
TNGA 160412 ...N-OAE	9,52	4,76	1,2	3,81	o			o			o									o								o					



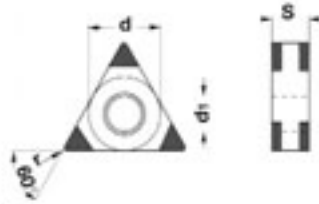
### TNGA...

Description	Dimensions (mm)				PCBN - coated																												
	d	s	r	d1	FJC7A0				FJE7A0				FJG7A0				FJL7A0																
					Cutting edges				Cutting edges				Cutting edges				Cutting edges																
F01	E01	T38	T40	T41	T35	T45	S36	F01	E01	T38	T40	T41	T35	S45	S36	F01	T38	S40	T41	S35	T43	S47	T49	F01	T38	T40	S41	T35	S43	T47	T49		
TNGA 160404 ...N-OAM	9,52	4,76	0,4	3,81	o			o					o						o	o	o					o			o	o			
TNGA 160408 ...N-OAM	9,52	4,76	0,8	3,81	o		o	o						o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
TNGA 160412 ...N-OAM	9,52	4,76	1,2	3,81			o	o						o						o			o				o			o			



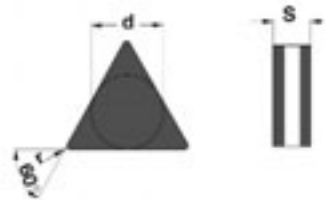
TNGA...

Description	Dimensions (mm)				PCBN - coated																															
	d	s	r	d1	FDH6A0				FJH7A0				FJM7A0																							
					Cutting edges				Cutting edges				Cutting edges																							
					T51	S52	S54	S55	F01	S38	S40	T41	T35	S43	T47	T49	F01	T38	T40	S41	S35	T43	T47	T49												
TNGA 160404 ...N-OAC	9,52	4,76	0,4	3,81				o								o									o											
TNGA 160408 ...N-OAC	9,52	4,76	0,8	3,81				o								o	o								o				o							
TNGA 160412 ...N-OAC	9,52	4,76	1,2	3,81				o								o	o								o				o	o						



TNGA...

Description	Dimensions (mm)				PCBN - coated																			
	d	s	r	d1	FJH7A0				FJM7A0															
					Cutting edges				Cutting edges															
					F01	S38	S40	T41	T35	S43	T47	T49	F01	T38	T40	S41	S35	T43	T47	T49				
TNGA 160404 ...N-OAM	9,52	4,76	0,4	3,81				o	o											o				
TNGA 160408 ...N-OAM	9,52	4,76	0,8	3,81				o	o						o	o								
TNGA 160412 ...N-OAM	9,52	4,76	1,2	3,81				o							o	o								



TNGN...

Description	Dimensions (mm)				PCBN - coated																															
	d	s	r	d1	FJC7A0				FJE7A0				FJG7A0				FJL7A0																			
					Cutting edges				Cutting edges				Cutting edges				Cutting edges																			
					F01	E01	T38	T40	T41	T35	T45	S36	F01	E01	T38	T40	T41	T35	S45	S36	F01	T38	S40	T41	S35	T43	S47	T49	F01	T38	T40	S41	T35	S43	T47	T49
TNGN 110304 ...N-OAE	6,35	3,18	0,4		o			o												o				o												o
TNGN 110308 ...N-OAE	6,35	3,18	0,8			o	o								o									o				o			o					o
TNGN 160404 ...N-OAE	9,52	4,76	0,4				o													o																
TNGN 160408 ...N-OAE	9,52	4,76	0,8			o	o								o									o												o
TNGN 160412 ...N-OAE	9,52	4,76	1,2					o								o											o				o					