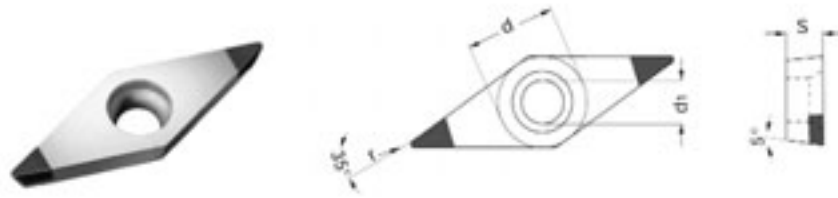


MAPAL Turning inserts with PCBN



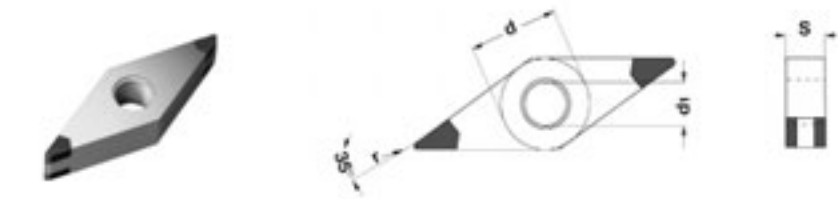
VBGW...

Description	Dimensions (mm)				PCBN - coated																				
	d	s	r	d1	FDH6A0																				
					Cutting edges																				
					T51	S52	S54	S55																	
VBGW 160404 ...N-0AB	9,52	4,76	0,4	3,81					o																
VBGW 160408 ...N-0AB	9,52	4,76	0,8	3,81					o																



VCGW...

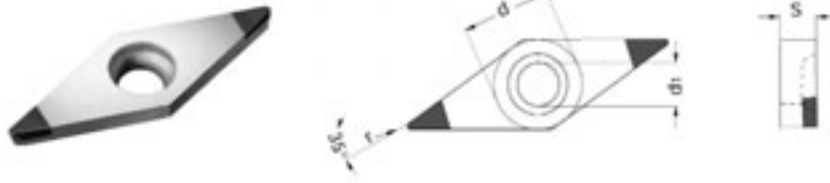
Description	Dimensions (mm)				PCBN - coated																				
	d	s	r	d1	FDH6A0																				
					Cutting edges																				
					T51	S52	S54	S55																	
VCGW 160404 ...N-0AB	9,52	4,76	0,4	4,4					o																
VCGW 160408 ...N-0AB	9,52	4,76	0,8	4,4					o																



VNGA...

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		
VNGA 160404 ...N-0AL	9,525	4,76	0,4	3,81	o													o					o															
VNGA 160408 ...N-0AL	9,525	4,76	0,8	3,81	o													o					o															

MAPAL Turning inserts with PCBN



VNGA...

Description	Dimensions (mm)				PCBN - coated																
	d	s	r	d1	FDH6A0				Cutting edges												
					T51	S52	S54	S55													
VNGA 160404 ...N-0AB	9,525	4,76	0,4	3,81																	
VNGA 160408 ...N-0AB	9,525	4,76	0,8	3,81																	



WNGA...

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
WNGA 080404 ...N-0AM	12,7	4,76	0,4	5,13	o				o								o							o	o			o	o					o	o	
WNGA 080408 ...N-0AM	12,7	4,76	0,8	5,13	o				o	o							o	o					o	o			o	o					o	o		



WNGA...

Wiper

Description	Dimensions (mm)				PCBN - coated																															
	d	s	r	d1	FJC7A0				FJE7A0				FJG7A0				FJL7A0																			
					Cutting edges				Cutting edges				Cutting edges				Cutting edges																			
					W01	W20	W39	W40	W44	W66	W48	W62	W01	W20	W39	W40	W44	W66	W48	W62	W01	W39	W40	W44	W66	W48	W62	W60	W01	W39	W40	W44	W66	W48	W62	W60
Wiper																																				
WNGA 080404 ...N-0AM	12,7	4,76	0,4	5,13	o			o									o																			
WNGA 080408 ...N-0AM	12,7	4,76	0,8	5,13	o			o									o																			