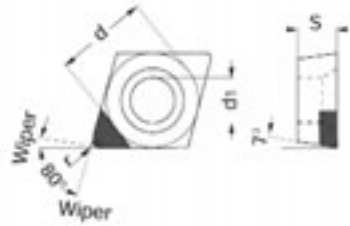


CCMW...

Description	Dimensions (mm)				PCBN																			
					FJC1A0		FJD1A0		FJE1A0		FJF1A0		FJG1A0		FJH1A0		FJJ1A0		FJK1A0		FJL1A0		FJM1A0	
	d	s	r	d1	Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges		Cutting edges					
					F01	T35	F01	T44	F01	T42	F01	T43	F01	T35	F01	T44	F01	T48	F01	T43	F01	T43	F01	T46
CCMW 060202 ...N-OAA	6,35	2,38	0,2	2,8	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 060204 ...N-OAA	6,35	2,38	0,4	2,8	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 060208 ...N-OAA	6,35	2,38	0,8	2,8	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 090304 ...N-OAA	9,52	3,18	0,4	4,4	o	o							o	o			o		o	o	o			
CCMW 090308 ...N-OAA	9,52	3,18	0,8	4,4	o	o							o	o			o		o	o	o			
CCMW 09T302 ...N-OAA	9,52	3,97	0,2	4,4	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 09T304 ...N-OAA	9,52	3,97	0,4	4,4	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 09T308 ...N-OAA	9,52	3,97	0,8	4,4	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 09T312 ...N-OAA	9,52	3,97	1,2	4,4	o	o	o	o		o		o	o	o	o	o		o		o	o	o	o	o
CCMW 120404 ...N-OAA	12,7	4,76	0,4	5,5	o	o			o		o	o	o				o		o	o	o			
CCMW 120408 ...N-OAA	12,7	4,76	0,8	5,5	o	o			o	o	o		o	o			o		o	o	o			



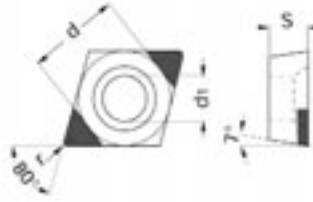
CCMW...

Wiper

Description	Dimensions (mm)				PCBN																			
					FJD1A0		FJH1A0		FJM1A0															
	d	s	r	d1	Cutting edges		Cutting edges		Cutting edges															
					W01	W48	W01	W48	W01	W62														
CCMW 060202 ...N-OAA	6,35	2,38	0,2	2,8	o	o	o	o	o	o														
CCMW 060204 ...N-OAA	6,35	2,38	0,4	2,8	o	o	o	o	o	o														
CCMW 09T302 ...N-OAA	9,52	3,97	0,2	4,4	o	o	o	o	o	o														
CCMW 09T304 ...N-OAA	9,52	3,97	0,4	4,4	o	o	o	o	o	o														
CCMW 09T308 ...N-OAA	9,52	3,97	0,8	4,4	o	o	o	o	o	o														

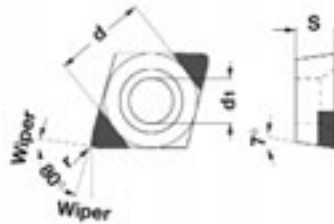
Wiper

MAPAL Turning inserts with PCBN



CCMW...

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									
CCMW 09T302 ...N-OAB	9,52	3,97	0,2	4,4	o	o	o	o	o	o	o									
CCMW 09T304 ...N-OAB	9,52	3,97	0,4	4,4	o	o	o	o	o	o	o									
CCMW 09T308 ...N-OAB	9,52	3,97	0,8	4,4	o	o	o	o	o	o	o									

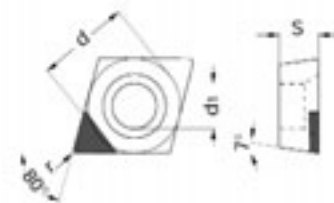


CCMW...

Wiper

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											
CCMW 09T302 ...N-OAB	9,52	3,97	0,2	4,4	W01	W66	W01	W44	W01	W48	W01	W66	W01	W60	W01	W48	W01	W48				
CCMW 09T304 ...N-OAB	9,52	3,97	0,4	4,4	o	o	o	o	o	o	o											
CCMW 09T308 ...N-OAB	9,52	3,97	0,8	4,4	o	o	o	o	o	o	o											

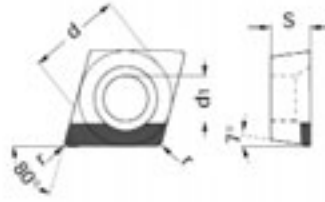
Wiper



CCMW...

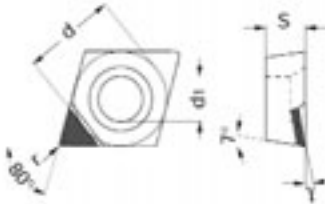
regrindable

Description	Dimensions (mm)				PCBN																	
	d	s	r	d1	FJC1A0	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												
CCMW 120404 ...N-0AA...-R	12,7	4,76	0,4	5,5	F01	T35	F01	T43	F01	T35	F01	T48	F01	T43	F01	T43						
CCMW 120408 ...N-0AA...-R	12,7	4,76	0,8	5,5	o	o	o	o	o	o	o											



CCMW...

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	
CCMW 060204 ...R/L-0AAX	6,35	2,38	0,4	2,8	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 060208 ...R/L-0AAX	6,35	2,38	0,8	2,8	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 09T304 ...R/L-0AAX	9,52	3,97	0,4	4,4	o	o	o	o	o	o	o	o	o	o	o	o	o	o
CCMW 09T308 ...R/L-0AAX	9,52	3,97	0,8	4,4	o	o	o	o	o	o	o	o	o	o	o	o	o	o



CCMT...

Description	Dimensions (mm)				PCBN											
					FJC1A0		FJE1A0		FJF1A0		FJG1A0		FJL1A0			
	d	s	r	d1	Cutting edges		Cutting edges		Cutting edges		Cutting edges					
				F01	T35	F01	T42	F01	T43	F01	T35	F01	T43			
CCMT 060202 ...N-5HA	6,35	2,38	0,2	2,8	o	o	o	o	o	o	o	o	o			
CCMT 060204 ...N-5HA	6,35	2,38	0,4	2,8	o	o	o	o	o	o	o	o	o			
CCMT 060208 ...N-5HA	6,35	2,38	0,8	2,8	o	o	o	o	o	o	o	o	o			
CCMT 09T302 ...N-5HA	9,52	3,97	0,2	4,4	o	o	o	o	o	o	o	o	o			
CCMT 09T304 ...N-5HA	9,52	3,97	0,4	4,4	o	o	o	o	o	o	o	o	o			
CCMT 09T308 ...N-5HA	9,52	3,97	0,8	4,4	o	o	o	o	o	o	o	o	o			

Order example:

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

CCMT 09T304 F01 N-5HA-FJL1A0