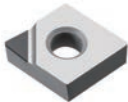


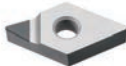
CN.. series/Inserts PCD / Diamond Coating

CNM.

										Steel		
										Stainless Steel		
										Cast Iron		
										Non-Ferrous Material		
										Heat Resistant Alloy		
										Hardened Material		
										Others (non-metallic)		
Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	No. of edge	PCD		Diamond Coating UC1	
	CNMG120404FNZP	Up-sharp edge	80	12.7	4.76	–	0.4	4			●	
	CNMG120408FNZP	Up-sharp edge	80	12.7	4.76	–	0.8	4			●	
	CNMX120404PF	Up-sharp edge	80	12.7	4.76	–	0.4	1		●		
	CNMX120408PF	Up-sharp edge	80	12.7	4.76	–	0.8	1		●		

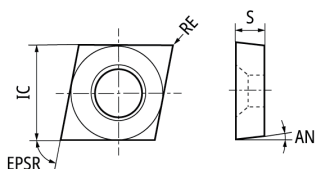
DN.. series/Inserts PCD / Diamond Coating

DNMX

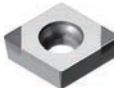
										Steel		
										Stainless Steel		
										Cast Iron		
										Non-Ferrous Material		
										Heat Resistant Alloy		
										Hardened Material		
										Others (non-metallic)		
Shape	Item Number (ISO)	CECC	EPSR °	IC mm	S mm	AN °	RE mm	No. of edge	PCD		Diamond Coating UC1	
									PD1	PD2		
	DNMX150404PF	Up-sharp edge	55	12.7	4.76	–	0.4	1		●		
	DNMX150408PF	Up-sharp edge	55	12.7	4.76	–	0.8	1		●		

CC.. series/Inserts CBN

CCGW

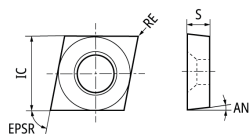


Steel									
Stainless Steel									
Cast Iron									
Non-Ferrous Material									
Heat Resistant Alloy									
Hardened Material									
Others (non-metallic)									

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	D2	Length of edge	No. of edge	S1	CBN									
													B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD
			°	mm	mm	°	mm	mm	mm		mm	mm	B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD
	CCGW060202PDFNX	Up-sharp edge	80	6.35	2.38	7	0.2	-	2.3	2	-										
	CCGW060202PDS01015	S01015	80	6.35	2.38	7	0.2	-	2.3	2	-										
	CCGW060202PDS01325	S01325	80	6.35	2.38	7	0.2	-	2.3	2	-										
	CCGW060202PDS01535	S01535	80	6.35	2.38	7	0.2	-	2.3	2	-										
	CCGW060204PDFNX	Up-sharp edge	80	6.35	2.38	7	0.4	-	2.3	2	-										
	CCGW060204PDS01015	S01015	80	6.35	2.38	7	0.4	-	2.3	2	-										
	CCGW060204PDS01325	S01325	80	6.35	2.38	7	0.4	-	2.3	2	-										
	CCGW060204PDS01535	S01535	80	6.35	2.38	7	0.4	-	2.3	2	-										
	CCGW060208PDFNX	Up-sharp edge	80	6.35	2.38	7	0.8	-	2.2	2	-										
	CCGW060208PDS01015	S01015	80	6.35	2.38	7	0.8	-	2.2	2	-										
	CCGW060208PDS01325	S01325	80	6.35	2.38	7	0.8	-	2.2	2	-										
	CCGW060208PDS01535	S01535	80	6.35	2.38	7	0.8	-	2.2	2	-										
	CCGW060208PDT01520	T01520	80	6.35	2.38	7	0.8	-	2.2	2	-										
	CCGW09T302PDFNX	Up-sharp edge	80	9.525	3.97	7	0.2	-	2.3	2	-										
	CCGW09T302PDS01015	S01015	80	9.525	3.97	7	0.2	-	2.3	2	-										
	CCGW09T302PDS01325	S01325	80	9.525	3.97	7	0.2	-	2.3	2	-										
	CCGW09T302PDS01535	S01535	80	9.525	3.97	7	0.2	-	2.3	2	-										
	CCGW09T304PDFNX	Up-sharp edge	80	9.525	3.97	7	0.4	-	2.3	2	-										
	CCGW09T304PDS01015	S01015	80	9.525	3.97	7	0.4	-	2.3	2	-										
	CCGW09T304PDS01325	S01325	80	9.525	3.97	7	0.4	-	2.3	2	-										
	CCGW09T304PDS01535	S01535	80	9.525	3.97	7	0.4	-	2.3	2	-										
	CCGW09T308PDFNX	Up-sharp edge	80	9.525	3.97	7	0.8	-	2.2	2	-										
	CCGW09T308PDS01015	S01015	80	9.525	3.97	7	0.8	-	2.2	2	-										
	CCGW09T308PDS01535	S01535	80	9.525	3.97	7	0.8	-	2.2	2	-										
	CCGW09T308PTS01325	S01325	80	9.525	3.97	7	0.8	-	2.2	2	-										
	CCGW09T312PDFNX	Up-sharp edge	80	9.525	3.97	7	1.2	-	2.7	2	-										
	CCGW09T312PDS01015	S01015	80	9.525	3.97	7	1.2	-	2.7	2	-										
	CCGW09T312PTS01325	S01325	80	9.525	3.97	7	1.2	-	2.7	2	-										

CC.. series/Inserts PCD

CCM.

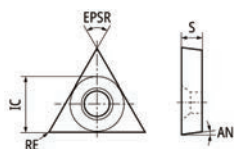


Steel									
Stainless Steel									
Cast Iron									
Non-Ferrous Material									
Heat Resistant Alloy									
Hardened Material									
Others (non-metallic)									

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	No. of edge	PCD		Diamond Coating UC1
			°	mm	mm	°	mm		PD1	PD2	
	CCMT060201PBF	Up-sharp edge	80	6.35	2.38	7	0.1	1			
	CCMT060202PBF	Up-sharp edge	80	6.35	2.38	7	0.2	1			
	CCMT060204PBF	Up-sharp edge	80	6.35	2.38	7	0.4	1			
	CCMT09T301PBF	Up-sharp edge	80	9.525	3.97	7	0.1	1			
	CCMT09T302PBF	Up-sharp edge	80	9.525	3.97	7	0.2	1			
	CCMT09T304PBF	Up-sharp edge	80	9.525	3.97	7	0.4	1			
	CCMT09T302PF	Up-sharp edge	80	9.525	3.97	7	0.2	1			
	CCMT09T304PF	Up-sharp edge	80	9.525	3.97	7	0.4	1			
	CCMW09T301	Up-sharp edge	80	9.525	3.97	7	0.1	1			
	CCMW09T302	Up-sharp edge	80	9.525	3.97	7	0.2	1			
	CCMW09T304	Up-sharp edge	80	9.525	3.97	7	0.4	1			
	CCMW09T308	Up-sharp edge	80	9.525	3.97	7	0.8	1			

TP.. series/Inserts PCD / Diamond Coating

TPM.



Steel			
Stainless Steel			
Cast Iron			
Non-Ferrous Material	●	●	●
Heat Resistant Alloy			
Hardened Material			
Others (non-metallic)			●

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	No. of edge	PCD		Diamond Coating UC1
			°	mm	mm	°	mm		PD1	PD2	
	TPMH110302FRF1	Up-sharp edge	60	6.35	3.18	11	0.2	3			●
	TPMH110304FRF1	Up-sharp edge	60	6.35	3.18	11	0.4	3			●
	TPMT090201PBF	Up-sharp edge	60	5.56	2.38	11	0.1	1		●	
	TPMT090202PBF	Up-sharp edge	60	5.56	2.38	11	0.2	1		●	
	TPMT090204PBF	Up-sharp edge	60	5.56	2.38	11	0.4	1		●	
	TPMT110301PBF	Up-sharp edge	60	6.35	3.18	11	0.1	1		●	
	TPMT110302PBF	Up-sharp edge	60	6.35	3.18	11	0.2	1		●	
	TPMT110304PBF	Up-sharp edge	60	6.35	3.18	11	0.4	1		●	
	TPMT090202PF	Up-sharp edge	60	5.56	2.38	11	0.2	1		●	
	TPMT090204PF	Up-sharp edge	60	5.56	2.38	11	0.4	1		●	
	TPMT110302PF	Up-sharp edge	60	6.35	3.18	11	0.2	1		●	
	TPMT110304PF	Up-sharp edge	60	6.35	3.18	11	0.4	1		●	