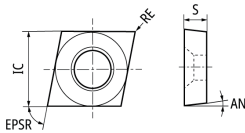


CC.. series/Inserts PCD

CCM.



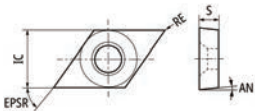
Steel			
Stainless Steel			
Cast Iron			
Non-Ferrous Material	●	●	●
Heat Resistant Alloy			
Hardened Material			
Others (non-metallic)			●

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	●		

Front Turning
Q

DC.. series/Inserts PCD / Diamond Coating

DCM.



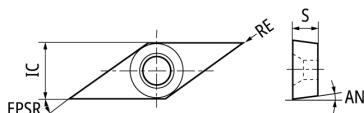
Steel			
Stainless Steel			
Cast Iron			
Non-Ferrous Material	●	●	●
Heat Resistant Alloy			
Hardened Material			
Others (non-metallic)			●

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	No. of edge	PCD		Diamond Coating UC1
			°	mm	mm	°	mm		PD1	PD2	
	DCMT070201PBF	Up-sharp edge	55	6.35	2.38	7	0.1	1		●	
	DCMT070202PBF	Up-sharp edge	55	6.35	2.38	7	0.2	1		●	
	DCMT11T301PBF	Up-sharp edge	55	9.525	3.97	7	0.1	1		●	
	DCMT11T302PBF	Up-sharp edge	55	9.525	3.97	7	0.2	1		●	
	DCMT11T304PBF	Up-sharp edge	55	9.525	3.97	7	0.4	1		●	
	DCMT070201PF	Up-sharp edge	55	6.35	2.38	7	0.1	1		●	
	DCMT070202PF	Up-sharp edge	55	6.35	2.38	7	0.2	1		●	
	DCMT11T302PF	Up-sharp edge	55	9.525	3.97	7	0.2	1		●	
	DCMT11T304PF	Up-sharp edge	55	9.525	3.97	7	0.4	1		●	
	DCMW11T301	Up-sharp edge	55	9.525	3.97	7	0.1	1	●		
	DCMW11T302	Up-sharp edge	55	9.525	3.97	7	0.2	1	●		
	DCMW11T304	Up-sharp edge	55	9.525	3.97	7	0.4	1	●		
	DCMW11T308	Up-sharp edge	55	9.525	3.97	7	0.8	1	●		
	DCMT11T301FNAM3	Up-sharp edge	55	9.525	3.97	7	0.1	2			●
	DCMT11T302FNAM3	Up-sharp edge	55	9.525	3.97	7	0.2	2			●
	DCMT11T304FNAM3	Up-sharp edge	55	9.525	3.97	7	0.4	2			●

Front Turning

VC.. series/Inserts CBN

VCGW

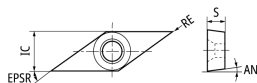


Steel												
Stainless Steel												
Cast Iron												
Non-Ferrous Material												
Heat Resistant Alloy												
Hardened Material												
Others (non-metallic)												

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	D2	Length of edge	No. of edge	S1	CBN									
			°	mm	mm	°	mm	mm	mm		mm	B16 PVD	B22	B23	B30	B36	B6K PVD	B40	B52	B5K PVD	
	VCGW080202PDS01015	S01015	35	4.76	2.38	7	0.2	-	2.6	2	-									●	
	VCGW080204PDS01015	S01015	35	4.76	2.38	7	0.4	-	2.5	2	-									●	
	VCGW080208PDS01015	S01015	35	4.76	2.38	7	0.8	-	1.6	2	-									●	
	VCGW110302PDS01015	S01015	35	6.35	3.18	7	0.2	-	2.6	2	-									●	●
	VCGW110302PDS01535	S01535	35	6.35	3.18	7	0.2	-	2.6	2	-									●	●
	VCGW110304PDS01015	S01015	35	6.35	3.18	7	0.4	-	2.5	2	-									●	●
	VCGW110304PDS01535	S01535	35	6.35	3.18	7	0.4	-	2.5	2	-									●	●
	VCGW110308PDS01015	S01015	35	6.35	3.18	7	0.8	-	1.6	2	-									●	●
	VCGW110308PDS01535	S01535	35	6.35	3.18	7	0.8	-	1.6	2	-									●	●
	VCGW110312PDS01015	S01015	35	6.35	3.18	7	1.2	-	2.7	2	-									●	●
	VCGW110312PDS01535	S01535	35	6.35	3.18	7	1.2	-	2.7	2	-									●	●
	VCGW160402PDS01015	S01015	35	9.525	4.76	7	0.2	-	2.6	2	-									●	
	VCGW160402PDS01535	S01535	35	9.525	4.76	7	0.2	-	2.6	2	-									●	
	VCGW160404PDS01015	S01015	35	9.525	4.76	7	0.4	-	2.5	2	-									●	●
	VCGW160404PDS01535	S01535	35	9.525	4.76	7	0.4	-	2.5	2	-									●	●
	VCGW160404PDT01020	T01020	35	9.525	4.76	7	0.4	-	2.5	2	-				●						
	VCGW160408PDS01015	S01015	35	9.525	4.76	7	0.8	-	1.6	2	-									●	●
	VCGW160408PDS01535	S01535	35	9.525	4.76	7	0.8	-	1.6	2	-									●	●
	VCGW160408PDT01020	T01020	35	9.525	4.76	7	0.8	-	1.6	2	-				●						
	VCGW160412PDS01015	S01015	35	9.525	4.76	7	1.2	-	2.7	2	-									●	●
	VCGW160412PDS01535	S01535	35	9.525	4.76	7	1.2	-	2.7	2	-									●	●
	VCGW160412PDT01020	T01020	35	9.525	4.76	7	1.2	-	2.7	2	-				●						

VC.. series/Inserts PCD

VCMW



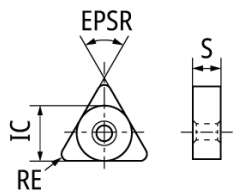
Steel												
Stainless Steel												
Cast Iron												
Non-Ferrous Material												
Heat Resistant Alloy												
Hardened Material												
Others (non-metallic)												

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	No. of edge	PCD		Diamond Coating UC1
			°	mm	mm	°	mm		PD1	PD2	
	VCMW110301	Up-sharp edge	35	6.35	3.18	7	0.1	1	●		
	VCMW110302	Up-sharp edge	35	6.35	3.18	7	0.2	1	●		
	VCMW110304	Up-sharp edge	35	6.35	3.18	7	0.4	1	●		

Front Turning

TN.. series/Inserts PCD / Diamond Coating

TNM.



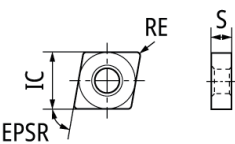
Steel		
Stainless Steel		
Cast Iron		
Non-Ferrous Material	●	●
Heat Resistant Alloy		
Hardened Material		
Others (non-metallic)		●

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	No. of edge	PCD		Diamond Coating UC1
			°	mm	mm	°	mm		PD1	PD2	
	TNMX160404PF	Up-sharp edge	60	9.525	4.76	–	0.4	1		●	
	TNMX160408PF	Up-sharp edge	60	9.525	4.76	–	0.8	1		●	
	TNMG160402FNZP	Up-sharp edge	60	9.525	4.76	–	0.2	6			●
	TNMG160404FNZP	Up-sharp edge	60	9.525	4.76	–	0.4	6			●
	TNMG160408FNZP	Up-sharp edge	60	9.525	4.76	–	0.8	6			●

Front Turning
Q

CN.. series/Inserts PCD / Diamond Coating

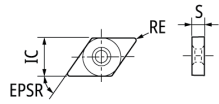
CNM.



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

Shape	Item Number (ISO)	CECC	EPSR	IC	S	AN	RE	No. of edge	PCD		Diamond Coating UC1
			°	mm	mm	°	mm		PD1	PD2	
	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		●	

Front Turning
Q



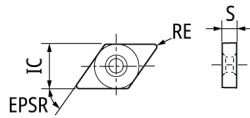
Steel
Stainless Steel
Cast Iron
Non-Ferrous Material
Heat Resistant Alloy
Hardened Material
Others (non-metallic)

Shape	Item Number	CECC	EPSR	IC	S	AN	RE	D2	Length	No. of edge	S1	CBN										
	(ISO)		°	mm	mm	°	mm	mm	mm		of edge	mm	B16	PVD	B22	B23	B30	B36	PVD	B40	B52	PVD
	DNGA150416PQS01015	S01015	55	12.7	4.76	–	1.6	–	2.2	4	–						●	●	●	●	●	
	DNGA150416PQS01020	S01020	55	12.7	4.76	–	1.6	–	2.2	4	–			●								
	DNGA150416PQS01325	S01325	55	12.7	4.76	–	1.6	–	2.2	4	–						●	●	●	●	●	
	DNGA150416PQS01535	S01535	55	12.7	4.76	–	1.6	–	2.2	4	–						●	●	●	●	●	
	DNGA150416PQT01020	T01020	55	12.7	4.76	–	1.6	–	2.2	4	–				●							
	DNGA150420PQS01015	S01015	55	12.7	4.76	–	2	–	2.4	4	–							●				
	DNGA150420PQS01325	S01325	55	12.7	4.76	–	2	–	2.4	4	–						●	●				
	DNGA150420PQS01535	S01535	55	12.7	4.76	–	2	–	2.4	4	–							●				

Front Turning

DN.. series/Inserts PCD

DNMX



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	
	DNMX150404PF	Up-sharp edge	55	12.7	4.76	-	0.4	1		●	
	DNMX150408PF	Up-sharp edge	55	12.7	4.76	-	0.8	1		●	