

Turning Indexable Inserts

80°Rhombic / Negative with Hole

(mm)

(mm)

Description	A	T	ød
CN_0903_	9.525	3.18	3.81
CN_0904_	9.525	4.76	3.81

Description	A	T	ød
CN_1204_	12.70	4.76	5.16
CN_1606_	15.875	6.35	6.35
CN_1906_	19.05	6.35	7.94

B



Negative

C

D

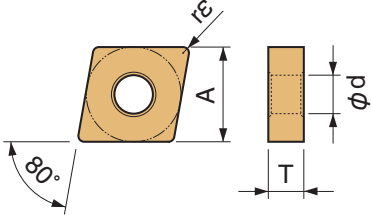
R

S

T

W

Insert (Turning)



P	M	K	N	S	H	Free-cutting steel	Classification of usage
●	○	●	○	●	○	Free-cutting steel	●: Interruption / 1st Choice
○	○	○	○	○	○	Carbon Steel / Alloy Steel	○: Interruption / 2nd Choice
○	○	○	○	○	○	Stainless Steel	○: Light Interruption / 1st Choice
○	○	○	○	○	○	Gray Cast Iron	○: Light Interruption / 2nd Choice
○	○	○	○	○	○	Nodular Cast Iron	○: Continuous / 1st Choice
○	○	○	○	○	○	Non-ferrous Metals	○: Continuous / 2nd Choice
○	○	○	○	○	○	Heat-resistant alloy	(In case hardness is under 45HRC)
○	○	○	○	○	○	Titanium Alloy	
○	○	○	○	○	○	Hard Materials	

Insert	Description	Dim. (mm)	Cermets		CVD Coated Carbide						PVD Coated Carbide		MEGACOAT		Carbide	Ref. Page for Toolholder	Applicable Chipbreaker Range (ap indicates radius)					
			TN6010	TN6020	TN60	PV7005	PV7010	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525	CA4505				CA4515	PR930	PR1005	PR1025	PR1125
With Wiper Edge Finishing	CNMG 120404WP 120408WP	0.4	●		●	●	●	●								D8 F64 F68						
		0.8	●		●	●	●	●														
With Wiper Edge Finishing-Medium	CNMG 120404WQ 120408WQ 120412WQ	0.4	●	●		●	●	●								D8 F64 F68						
		0.8	●	●		●	●	●														
		1.2	●	●		●	●	●														
Finishing	CNGG 120404DP 120408DP	0.4		●												D8 F64 F68						
		0.8		●																		
Finishing	CNMG 090404GP 090408GP	0.4		●												D8 F64 F68						
		0.8		●																		
	CNMG 120402GP 120404GP 120408GP	0.2	●	●		●	●	●								D8 F64 F68						
		0.4	●	●		●	●	●														
	0.8	●	●		●	●	●															
Finishing-Medium	CNMG 090304HQ 090308HQ	0.4		●												-						
		0.8		●																		
	CNMG 090404HQ 090408HQ	0.4		●												D8 F68						
		0.8		●																		
CNMG 120404HQ 120408HQ 120412HQ	0.4	●	●		●	●	●	●	●						D8 F64 F68							
	0.8	●	●		●	●	●	●	●													
	1.2	●	●		●	●	●	●	●													
Finishing-Medium / Up facing	CNMG 120404CQ 120408CQ 120412CQ	0.4	●	●		●	●	●	●							D8						
		0.8	●	●		●	●	●	●													
		1.2	●	●		●	●	●	●													
Finishing-Medium / Up facing	CNMG 160608CQ 160612CQ	0.8													D8							
		1.2																				
Finishing-Medium / Up facing	CNMG 120408CJ 120412CJ	0.8													D8 F64 F68							
		1.2																				
		1.6																				
Finishing-Medium	CNMP 120404TK 120408TK	0.4		●											D8 F64 F68							
		0.8		●																		

{ TN30 PV30 PV60 PV90 PV7020 } Reference Page B19
{ CA4010 CA4115 CA4120 PR915 PR905 }

B14 ● : Std. Item R : Std. Item (R-hand Only) L : Std. Item (L-hand Only) □ : Check Availability

Inserts are sold in 10 piece boxes.