

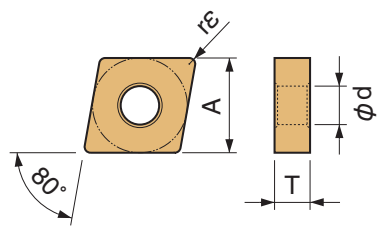
80°Diamond • Negative with Hole

Description	A	T	ød
CN_0903_	9.525	3.18	3.81
CN_1204_	12.70	4.76	5.16

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

(mm)

(mm)



P	M	K	N	S	H	Free-cutting steel	Carbon Steel and Alloy Steel	Stainless Steel	Gray Cast Iron	Nodular Cast Iron	Non-ferrous Metals	Heat-resistant alloy	Titanium Alloy	Hard Materials

Classification of usage  
 ✦: Interruption / 1st Choice  
 ✧: Interruption / 2nd Choice  
 ●: Light Interruption / 1st Choice  
 ○: Light Interruption / 2nd Choice  
 ●: Continuous / 1st Choice  
 ○: Continuous / 2nd Choice  
 (In case hardness is under 45HRC)

Insert	Description	Dim. (mm)	Material													Applicable Chipbreaker Range												
			Cermet	PVD Cermet	CVD Coated Carbide						PVD Coated Carbide		Carbide	Ref. Page for Toolholder														
rε			TN6010	TN6020	TN60	PV7005	PV7010	PV7020	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525	CA4010	CA4115	CA4120	CA4505	CA4515	PR930	PR1005	PR1025	PR1125	KW10				
Stainless Steel	Finishing	CNMG 120404GU	0.4											●	●													
		CNMG 120408GU	0.8												●	●												
	Medium-Roughing	CNMG 120408HU	0.8											●	●													
		CNMG 120412HU	1.2												●	●												
	Finishing-Medium	CNMG 120404MQ	0.4												●	●									●			
		CNMG 120408MQ	0.8												●	●									●			
	Medium-Roughing	CNMG 120404MS	0.4												●	●									●			
CNMG 120408MS		0.8												●	●									●				
Medium-Roughing	CNMG 120404MU	120408MU	0.4											●	●									●				
		120412MU	1.2											●	●									●				
	CNMG 160608MU	0.8												●	●									●				
Medium-Roughing	CNMG 160612MU	160612MU	1.2											●	●									●				
		160616MU	1.6											●	●									●				
Medium-Roughing	CNMG 120404TK	120408TK	0.4											●	●									●				
		120408TK	0.8											●	●									●				
Cast Iron	Roughing	CNMG 120404C	0.4						●							●	●	○	○	○								
		CNMG 120408C	0.8						●							●	●	○	○	○								
	Roughing	CNMG 120412C	1.2						●							●	●	○	○	○								
		CNMG 120416C	1.6						●							●	●	○	○	○								
	Roughing	CNMG 160612C	1.2						●							●	●	○	○	○								
		CNMG 120408ZS	0.8						●							●	●	○	○	○								
	Roughing	CNMG 120412ZS	1.2						●							●	●	○	○	○								
Roughing	CNMG 120408GC	120412GC	0.8						●	●					●	●	○	○	○									
		120412GC	1.2						●	●						●	●	○	○	○								
Without Chipbreaker	CNGA 120404	120408	0.4				●																		●			
		120408	0.8				●																		●			
	CNMA 120404	120408	0.4						●	●						●	●	○	○	○					●			
		120412	1.2						●	●						●	●	○	○	○					●			
CNMA 120416	1.6						●	●							●	●	○	○	○					●				
CNMA 160612	1.2						●								●									●				

B

Negative

C

D

R

S

T

V

W

Insert (Turning)

For grades { TN30 PV60 PR905 } , See Page B40

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) [kyocera@kyocera-tools.ru](mailto:kyocera@kyocera-tools.ru) [www.kyocera-tools.ru](http://www.kyocera-tools.ru)

Inserts are sold in 10 piece boxes.