

# Turning Indexable Inserts

## 90° Square / Negative with Hole

(mm)

(mm)

Description	A	T	φ d	Description	A	T	φ d
SN_0903_	9.525	3.18	3.81	SN_1506_	15.875	6.35	6.35
SN_1204_	12.70	4.76	5.16	SN_1906_	19.05	6.35	7.94

B



Negative

C

D

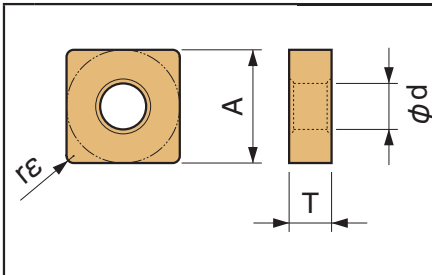
R

S

T

W

Insert (Turning)



P	M	K	N	S	H	Free-Cutting Steel	Classification of usage
●	○	●	○	●	○	●	●: 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)	Cermets		MEGACOAT Cermets		CVD Coated Carbide				PVD Coated Carbide		MEGACOAT			Carbide		Ref. Page for Toolholder	Applicable Chipbreaker Range (ap indicates radius)					
			rε	TN6010	TN6020	TN60	PV7005	PV7010	PV7025	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525	CA4505	CA4515			PR930	PR1005	PR1025	PR1125	PR1225
Finishing-Medium	SNMG 120404HQ 120408HQ 120412HQ	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	D12 D13						
		0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
		1.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							
Medium	SNMG 120404HK 120408HK 120412HK	0.4		●													D12 D13							
		0.8		●																				
		1.2		●																				
Medium-Roughing	SNMG 120408PS 120412PS 120416PS	0.8	●			●	●	●	●	●	●	●	●	●	●	●	D12 D13							
		1.2	●			●	●	●	●	●	●	●	●	●	●	●								
		1.6	●			●	●	●	●	●	●	●	●	●	●	●								
Medium-Roughing	SNMG 120408HS 120412HS 120416HS	0.8	●	●													D12 D13							
		1.2	●	●																				
		1.6	●	●																				
Medium-Roughing / High Feed	SNMG 120408PT 120412PT	0.8															D12 D13							
		1.2																						
Medium-Roughing / High Feed	SNMG 120408HT 120412HT	0.8															D12 D13							
		1.2																						
Roughing	SNMG 090304 090308 120404 120408 120412 120416 120420	0.4		●													D12 D13							
		0.8		●																				
		0.4	●	●	●																			
		0.8	●	●	●																			
		1.2	●	●	●																			
		2.0	●	●	●																			
Roughing	SNMG 190612 190616 120408PH 120412PH 120416PH 150612PH 150616PH 190612PH 190616PH 190624PH	1.2															D12 D13							
		1.6																						
		0.8																						
		1.2																						
		1.6																						
		2.4																						

