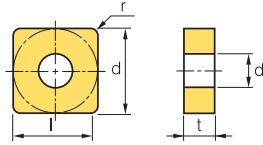


B Turning Insert (Negative)

SN ○○

□ Square **90° Negative**



Dimensions (mm)			
Size	d	t	d ₁
09	9.525	3.18	3.81
12	12.7	4.76	5.16
15	15.875	6.35	6.35
19	19.05	6.35	7.93

Workpiece	Material Groups													Machining types			
	P	M	K	N	S	H											
Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cast iron	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heat resistant alloy, Titanium alloy	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hardened steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● Continuous cutting
 ● General cutting
 ● Interrupted cutting

Inserts	Designation	Cermets		Coated		Coated											Uncoated		Cutting Condition									
		CN1500	CN2000	CN2500	CC1500	CC2500	NC3215	NC3120	NC3225	NC3030	NC5330	NC6310	NC6315	NC9115	NC9125	NC9135	PC5300	PC5400	PC8105	PC8110	PC8115	PC9030	H01	H05	f _n (mm/rev)	a _p (mm)		
Roughing		SNGA 090304																							0.17-0.50	0.50-4.50		
		090308																								0.17-0.50	0.50-4.50	
		120404																								0.15-0.60	1.50-8.00	
		120408																								0.15-0.60	1.50-8.00	
		120412																								0.20-0.80	1.50-8.00	
		150608																								0.20-0.80	2.00-10.00	
		150616																								0.20-0.90	2.00-10.00	
		190608																									0.15-0.60	3.00-12.00
		190612																									0.20-0.80	3.00-12.00
Medium cutting		SNGG 090304R																								0.12-0.35	1.00-3.00	
		090308R																									0.15-0.35	1.00-3.00
		120404R		●																							0.15-0.35	1.00-4.00
		120408R																									0.15-0.35	1.00-4.00
		120412R																									0.15-0.35	1.00-4.00
		090304L																									0.12-0.35	1.00-3.00
		090308L																									0.15-0.35	1.00-3.00
		120404L																									0.15-0.35	1.00-4.00
		120408L																									0.15-0.35	1.00-4.00
		120412L																									0.15-0.35	1.00-4.00
Medium cutting		SNGG 120404-VP3																	●	●	●	●	●	0.05-0.30	0.10-3.00			
		120408-VP3																	●	●	●	●	●	0.10-0.45	1.00-5.00			
		120412-VP3																		●	●	●	●	●	0.12-0.50	1.00-5.00		

↻ Cutting edge geometry A52~A61
 ↻ Recommended chip breaker B04~B11
 ↻ Code system B26~B27
 ● : Stock item

Available tool holders					
Designation	Page	Designation	Page	Designation	Page
MSBNR/L	B173	MSRNR/L	B174	PSDNN	B163
MSDNN	B173	MSSNR/L	B175	PSKNR/L	B164, 199
MSKNR/L	B174	PSBNR/L	B163	PSSNR/L	B164

