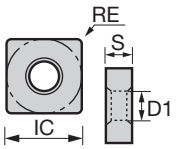
Insert NEGATIVE TYPE

● : Continuous cutting
◐ : Light interrupted cutting
✠ : Heavy interrupted cutting

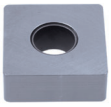
SN

Square, 90° with hole

		T515	T5105	T5115	T5125	GT720	NS520	TH10	FX105	LX21	LX11
		Coated				Coated cermet	Cermet	Uncoated	Ceramic		
P	Steel					●◐	●◐	●			
M	Stainless							●			
K	Cast iron	●◐	●	◐	✠	●◐	●◐	●	●◐	●	
N	Non-ferrous							●			
S	Superalloy										
H	Hard material										●



Application	Chipbreaker	Designation	T515	T5105	T5115	T5125	GT720	NS520	TH10	FX105	LX21	LX11	RE	IC	S	D1
Finishing to medium cutting	-	SNMA090308		●					●				0.8	9.525	3.18	3.81
		SNMA120404		●	●	●	●						0.4	12.7	4.76	5.16
		SNMA120408	●	●	●	●		●	●	●			0.8	12.7	4.76	5.16
		SNMA120412	●	●	●	●		●	●	●			1.2	12.7	4.76	5.16
		SNMA120416		●	●	●							1.6	12.7	4.76	5.16
	-	SNGA090304							●				0.4	9.525	3.18	3.81
		SNGA120404					●		●			●	0.4	12.7	4.76	5.16
		SNGA120408						●	●	●		●	0.8	12.7	4.76	5.16
		SNGA120412							●	●	●	●	1.2	12.7	4.76	5.16
		SNGA120416								●		●	1.6	12.7	4.76	5.16

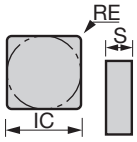


● : Line up

SN

Square, 90° without hole

		TH10	FX105	LX21	LX11
		Uncoated	Ceramic		
P	Steel	●			
M	Stainless	●			
K	Cast iron	●	●◐	●	
N	Non-ferrous	●			
S	Superalloy				
H	Hard material				●



Application	Chipbreaker	Designation	TH10	FX105	LX21	LX11	RE	IC	S	D1
Finishing to medium cutting	-	SNGD120712		●			1.2	12.7	7.94	-
		SNGD120716		●			1.6	12.7	7.94	-
	-	SNGN090308			●	●	0.8	9.525	3.18	-
		SNGN120304				●	0.4	12.7	3.18	-
		SNGN120312				●	1.2	12.7	3.18	-
		SNGN120404				●	0.4	12.7	4.76	-
		SNGN120408	●	●	●	●	0.8	12.7	4.76	-
		SNGN120412		●	●	●	1.2	12.7	4.76	-
		SNGN120416		●	●	●	1.6	12.7	4.76	-
		SNGN120420		●	●		2	12.7	4.76	-
		SNGN120424		●			2.4	12.7	4.76	-
		SNGN120708				●	0.8	12.7	7.94	-
		SNGN120712		●		●	1.2	12.7	7.94	-
		SNGN120716		●		●	1.6	12.7	7.94	-
		SNGN120720				●	2	12.7	7.94	-

● : Line up

Reference pages: External toolholder → C093 - Cartridge → K197
SNGD...: External toolholder → C108