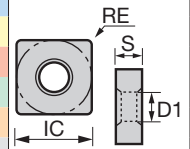


- : Continuous cutting
- ◐ : Light interrupted cutting
- ⊕ : Heavy interrupted cutting

**Square, 90°
with hole**

[illegible]

● : Line up
▲ : To be discontinued



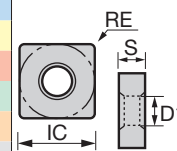
Insert **NEGATIVE TYPE**

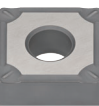
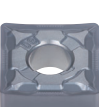
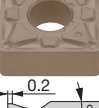
- : Continuous cutting
- ◐ : Light interrupted cutting
- ⊗ : Heavy interrupted cutting

SN



**Square, 90°
with hole**

[illegible]

Application	Chipbreaker	Designation	Coated														Coated cermet		Cermet	Un-coated	Dimension (mm)							
			T9205	T9215	T9225	T9235	T9105	T9115	T9125	T9135	T6120	T6130	AH630	T5105	T5115	AH8005	AH8015	GT9530	AT9530		NS9530		TH10	RE	IC	S	D1	
Finishing	11	SNMG120404-11																				●			0.4	12.7	4.76	5.16
		SNMG120408-11																				●	●		0.8	12.7	4.76	5.16
																												
Finishing (for mild steel)	17	SNMG120408-17																				●			0.8	12.7	4.76	5.16
																												
																												
Finishing	SF	SNMG120404-SF								●	●	●													0.4	12.7	4.76	5.16
		SNMG120408-SF								●	●	●													0.8	12.7	4.76	5.16
																												
	CF	SNMG120408-CF											●	●											0.8	12.7	4.76	5.16
		SNMG120412-CF											●	●											1.2	12.7	4.76	5.16
																												
Finishing	HRF	SNMG120408-HRF													●	●									0.8	12.7	4.76	5.16
		SNMG120412-HRF													●	●									1.2	12.7	4.76	5.16
																												
Finishing	TS	SNMG120404-TS		●	●			▲	▲									●	●		●				0.4	12.7	4.76	5.16
		SNMG120408-TS	●	●	●	●	▲	▲	▲	▲								●	●		●				0.8	12.7	4.76	5.16
		SNMG120412-TS		●	●	●		▲	▲	▲															1.2	12.7	4.76	5.16
																												
High feed, small depth of cut	AS	SNMG120404-AS																			●				0.4	12.7	4.76	5.16
		SNMG120408-AS	●	●			▲	▲													●				0.8	12.7	4.76	5.16

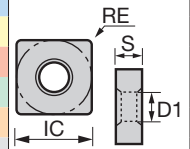
● : Line up
▲ : To be discontinued

Reference pages: External toolholder → **C093** - Internal toolholder → **D040** -
Cartridge → **K197**

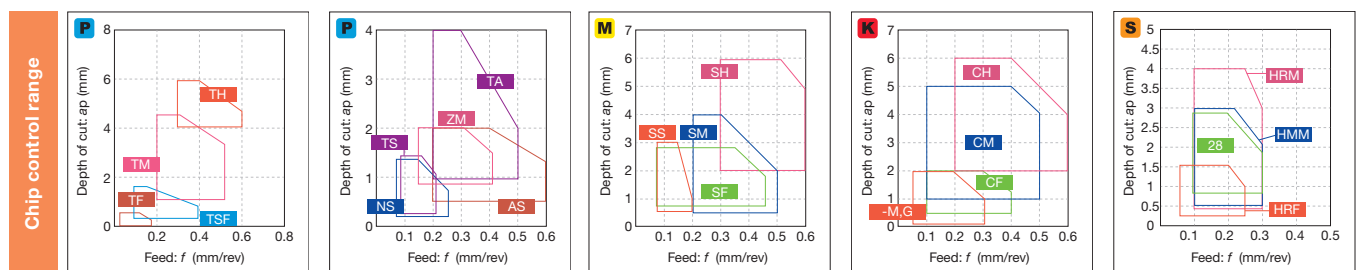
- : Continuous cutting
- ◐ : Light interrupted cutting
- ⊕ : Heavy interrupted cutting



**Square, 90°
with hole**

[illegible]

● : Line up
▲ : To be discontinued

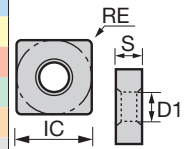


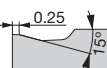
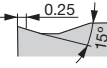
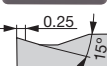
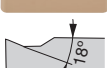
*-M.G: Without chipbreaker

Reference pages: External toolholder → **C093** - Internal toolholder → **D040** -
Cartridge → **K197**

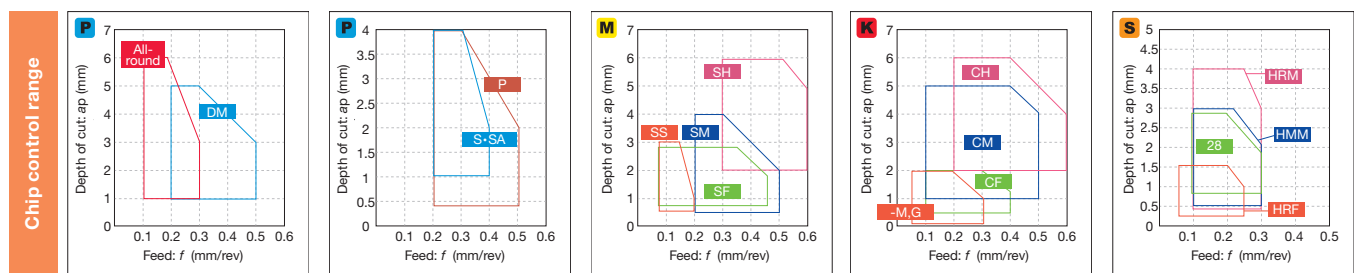
- : Continuous cutting
- ◐ : Light interrupted cutting
- ⊕ : Heavy interrupted cutting

**Square, 90°
with hole**

[illegible]

Application	Chipbreaker	Designation	Coated														Uncoated			Dimension (mm)				
			T6120	T6130	AH630	AH645	AH120	T515	T5105	T5115	T5125	AH8005	AH8015	GH110	AH905	GH330					RE	IC	S	D1
Medium cutting	CM	SNMG120408-CM						●	●	●	●										0.8	12.7	4.76	5.16
	 	SNMG120412-CM						●	●	●	●										1.2	12.7	4.76	5.16
		P	SNGG090304R-P											●				●				0.4	9.525	3.18
	 	SNGG090304L-P												●				●			0.4	9.525	3.18	3.81
		SNGG090308R-P												●	●			●			0.8	9.525	3.18	3.81
		SNGG090308L-P																●			0.8	9.525	3.18	3.81
		SNGG120404R-P												●				●			0.4	12.7	4.76	5.16
		SNGG120404L-P												●				●			0.4	12.7	4.76	5.16
		SNGG120408R-P												●				●			0.8	12.7	4.76	5.16
SNGG120408L-P													●				●			0.8	12.7	4.76	5.16	
Finishing to medium cutting	HRM	SNMG120408-HRM									●	●									0.8	12.7	4.76	5.16
	 	SNMG120412-HRM										●	●								1.2	12.7	4.76	5.16
		SNMG150608-HRM											●	●							0.8	15.875	6.35	6.35
		SNMG150612-HRM											●	●							1.2	15.875	6.35	6.35
		SNMG190612-HRM											●	●							1.2	19.05	6.35	7.93
		SNMG190616-HRM											●	●							1.6	19.05	6.35	7.93
Medium cutting	HMM	SNMG120408-HMM												●						0.8	12.7	4.76	5.16	
	 	SNMG120412-HMM												●						1.2	12.7	4.76	5.16	
		SA	SNMG120404-SA	●	●	●	●	●													0.4	12.7	4.76	5.16
	 	SNMG120408-SA	●	●	●	●	●											●			0.8	12.7	4.76	5.16
		SNMG120412-SA	●	●	●	●	●														1.2	12.7	4.76	5.16
SNMG190612-SA						●												●			1.2	19.05	6.35	7.93

● : Line up



*-M,G: Without chipbreaker

Internal toolholder → **D040 -**

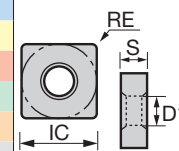
Insert **NEGATIVE TYPE**

- : Continuous cutting
- ◐ : Light interrupted cutting
- ⊗ : Heavy interrupted cutting

SN



**Square, 90°
with hole**

[illegible][illegible]

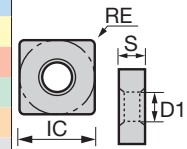
● : Line up
▲ : To be discontinued

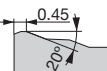
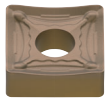
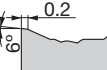
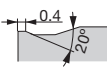
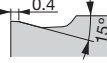
Reference pages: External toolholder → **C093** - Internal toolholder → **D040** -
Cartridge → **K197**

- : Continuous cutting
- ◐ : Light interrupted cutting
- ⊕ : Heavy interrupted cutting

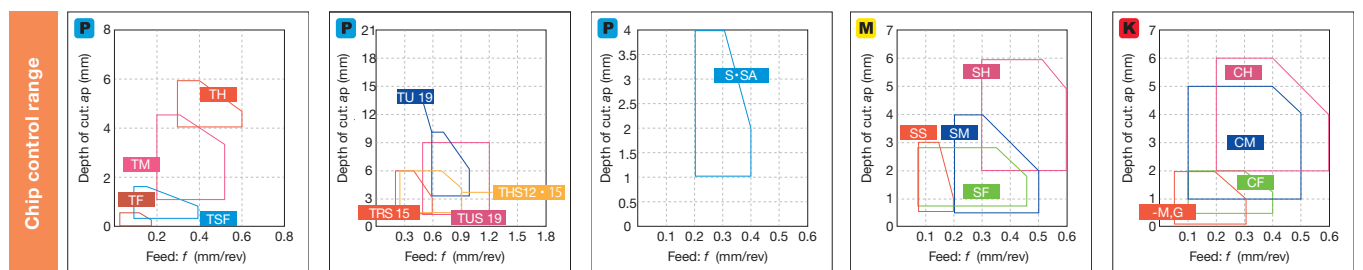


**Square, 90°
with hole**

[illegible]

Application	Chipbreaker	Designation	Coated												Dimension (mm)							
			T9205	T9215	T9225	T9235	T9115	T9125	T9135	T6130	AH630	AH645	T5105	T5115	T5125					RE	IC	S
Heavy cutting (single side)	TUS	SNMM190612-TUS	●	●	●	▲	▲	▲											1.2	19.05	6.35	7.93
		SNMM190616-TUS	●	●	●	▲	▲	▲											1.6	19.05	6.35	7.93
		SNMM190624-TUS	●	●	●	▲	▲	▲											2.4	19.05	6.35	7.93
		SNMM250724-TUS	●	●	●	▲	▲	▲											2.4	25.4	7.94	9.12
		SNMM250732-TUS	●	●		▲	▲												3.2	25.4	7.94	9.12
		SNMM250924-TUS	●	●	●	▲	▲	▲											2.4	25.4	9.52	9.12
		SNMM250932-TUS	●	●		▲	▲												3.2	25.4	9.52	9.12
	57	SNMM120408-57	●	●		▲	▲												0.8	12.7	4.76	5.16
		SNMM150616-57		●															1.6	15.875	6.35	6.35
	SNMM190612-57		●															1.2	19.05	6.35	7.93	
																						
Medium to heavy cutting (single side)	65	SNMM190612-65		●			▲												1.2	19.05	6.35	7.93
		SNMM310924-65		●			▲												2.4	31.75	9.52	8.8
Medium to heavy cutting	SH	SNMG120408-SH							●	●	●								0.8	12.7	4.76	5.16
		SNMG120412-SH							●	●	●								1.2	12.7	4.76	5.16
		SNMG150612-SH							●	●	●								1.2	15.875	6.35	6.35
		SNMG150616-SH							●	●	●								1.6	15.875	6.35	6.35
		SNMG190612-SH							●	●	●								1.2	19.05	6.35	7.93
		SNMG190616-SH							●	●	●								1.6	19.05	6.35	7.93
	CH	SNMG120408-CH										●	●	●					0.8	12.7	4.76	5.16
		SNMG120412-CH										●	●	●					1.2	12.7	4.76	5.16
	SNMG120416-CH										●	●	●					1.6	12.7	4.76	5.16	
																						

● : Line up
▲ : To be discontinued



*-M,G: Without chipbreaker

Reference pages: External toolholder → **C093** - Internal toolholder → **D040** -
Cartridge → **K197**

