

Turning Inserts - Negative SNMA / SNMG (90° Square)

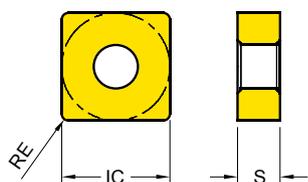
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35

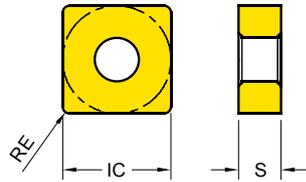
EDP 2200..

● : Stock item ○ : Order made item

SNMA SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30																
..MA  Cast iron	SNMA 120408	0.8	0.15~0.50	1.0~5.0	●	○	○															
	SNMA 120412	1.2	0.15~0.50	1.5~5.0	●	○	○															
	SNMA 120416	1.2	0.15~0.70	1.0~6.0	●																	
	SNMA 150612	1.2	0.15~0.50	1.5~5.0	●	○	○															
	SNMA 190616	1.6	0.15~1.00	3.0~10.0	●	○	○															
-UF  Finishing	SNMG 090308 - UF	0.8	0.05~0.20	1.0~2.0						●	●											
	SNMG 120404 - UF	0.4	0.05~0.25	0.5~1.5		○				●	●	●	○									
	SNMG 120408 - UF	0.8	0.05~0.25	1.0~2.5		○				●	●	●										
-UL  Light Machining and Sticky Material	SNMG 120404 - UL	0.4	0.10~0.30	0.5~3.0		○				●	●	●										
	SNMG 120408 - UL	0.8	0.10~0.30	1.0~3.0		○				●	●	●										
-UM  Medium Machining Unstable condition	SNMG 120408 - UM	0.8	0.15~0.30	1.0~3.0		○	○			●	●	●										

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SNMG (90° Square)



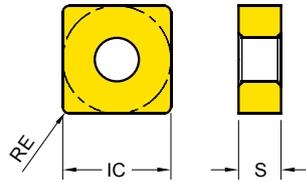
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SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30										S30	K15					
-UG  Medium Machining at stable condition	SNMG 120408 - UG	0.8	0.20~0.40	1.0~3.0	●	○	○			●	●	○										
	SNMG 120412 - UG	1.2	0.20~0.40	1.5~3.0	●	○	○			●	●	○										
	SNMG 120416 - UG	1.6	0.20~0.40	2.0~3.0	●	○	○	○		●	●	●										
-UC  Cast iron and Medium roughing	SNMG 120408 - UC	0.8	0.20~0.40	1.0~4.0	●	○	○			●	●	●										
	SNMG 120412 - UC	1.2	0.20~0.40	1.5~4.0	●	○	○			●	●	○										
-UR  Roughing	SNMG 120408 - UR	0.8	0.30~0.50	1.0~5.0	●	○	○			●	●	●										
	SNMG 120412 - UR	1.2	0.30~0.50	1.5~5.0	●	○	○			●	●	○										
	SNMG 120416 - UR	1.6	0.30~0.50	2.0~5.0	●	○	○	○		●	●	●										
	SNMG 190612 - UR	1.2	0.30~0.80	3.0~9.0						●	●	●										
	SNMG 190616 - UR	1.6	0.30~0.80	3.0~9.0	●					●	●	●										
-KR  Cast Iron Heavy Roughing	SNMG 120412 - KR	1.2	0.30~0.60	1.5~5.0	●	○	○			●												
	SNMG 120416 - KR	1.6	0.30~0.60	2.0~5.0	●	○	○	○		●												

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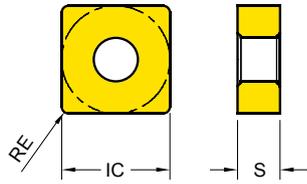
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SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-SM  HRSA Medium	SNMG 090304 - SM	0.4	0.15 ~ 0.30	0.5 ~ 3.0																
	SNMG 120408 - SM	0.8	0.15 ~ 0.30	0.5 ~ 3.0													○ 2434	● 2435		
-SR  HRSA Roughing	SNMG 120408 - SR	0.8	0.30 ~ 0.55	2.0 ~ 5.5														● 1305		
	SNMG 120412 - SR	1.2	0.30 ~ 0.55	2.0 ~ 5.5														● 1304		

Turning Inserts - Negative

SNMG / SNMM - Heavy Turning (90° Square)



Series	IC	S
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35
SN** 2507	25.400	7.94
SN** 2509	25.400	9.52

EDP 2200..

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SNMG SNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -UH  Low cutting force	SNMM 150612 - UH	1.2	0.35~0.60	2.0~5.5								●	●									
	SNMM 190612 - UH	1.2	0.35~0.70	1.5~9.0	●	●						●	●									
	SNMM 190616 - UH	1.6	0.35~0.70	2.0~9.0	●	●						●	●									
	SNMM 190624 - UH	2.4	0.35~0.70	3.0~9.0	●	●						●	●									
	SNMM 250924 - UH	2.4	0.40~0.80	3.0~10.0	●	●						●	●									
-UR  Roughing	SNMG 250924 - UR	2.4	0.40~1.00	5.0~12.0								●	●									
NEW -UT  Heavy Roughing	SNMM 150612 - UT	1.2	0.45~0.70	2.0~6.0								●	●									
	SNMM 190612 - UT	1.2	0.50~1.00	3.0~12.0	●	●						●	●									
	SNMM 190616 - UT	1.6	0.50~1.00	4.0~12.0	●	●						●	●									
	SNMM 190624 - UT	2.4	0.50~1.00	6.0~12.0	●	●						●	●									
	SNMM 250724 - UT	2.4	0.55~1.20	6.0~13.0		●						●	●									
SNMM 250924 - UT	2.4	0.55~1.20	6.0~13.0	●	●						●	●										