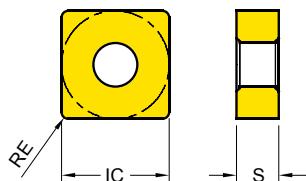


Turning Inserts - Negative

SNMA / SNMG (90° Square)



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

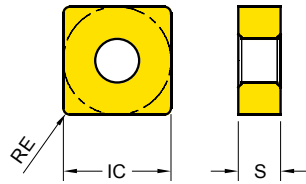
EDP 2200..

● : Stock item ○ : Order made item

		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				
..MA		SNMA 120408	0.8	0.15~0.50	1.0~5.0	● 0767	○ 0027	○ 1166														
		SNMA 120412	1.2	0.15~0.50	1.5~5.0	● 0768	○ 0028	○ 1133														
		SNMA 120416	1.2	0.15~0.70	1.0~6.0	● 2023																
		SNMA 150612	1.2	0.15~0.50	1.5~5.0	● 1423	○ 0729	○ 1150														
		SNMA 190616	1.6	0.15~1.00	3.0~10.0	● 1344	○ 1184	○ 1261														
-UF		SNMG 090308 - UF	0.8	0.05~0.20	1.0~2.0				● 2630	● 0999												
		SNMG 120404 - UF	0.4	0.05~0.25	0.5~1.5		○ 1458		● 2631	● 1459	● 1454	○ 0029										
		SNMG 120408 - UF	0.8	0.05~0.25	1.0~2.5		○ 1430		● 2633	● 1433	● 1437											
-UL		SNMG 120404 - UL	0.4	0.10~0.30	0.5~3.0		○ 1167		● 2632	● 0747	● 1194											
		SNMG 120408 - UL	0.8	0.10~0.30	1.0~3.0		○ 0389		● 2634	● 0390	● 0391											
-UM		SNMG 120408 - UM	0.8	0.15~0.30	1.0~3.0		○ 0983	○ 0739	● 2635	● 0784	● 0740											

Turning Inserts - Negative

SNMG (90° Square)



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

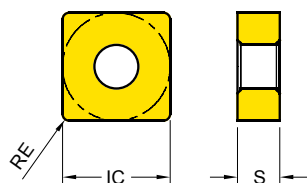
EDP 2200..

● : Stock item ○ : Order made item

	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	●	○	○	○		●											

Turning Inserts - Negative

SNMG (90° Square)



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

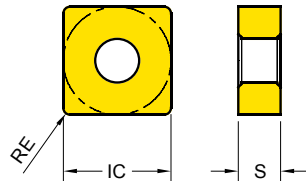
EDP 2200..

● : Stock item ○ : Order made item

						K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
						K20	K30										S30		K15			
SNMG						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-MF	 Stainless steel Finishing	SNMG 120404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5										●	●	●	○				
		SNMG 120408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5							○			●	●	●	○				
		SNMG 120412 - MF	1.2	0.07 ~ 0.30	0.2 ~ 1.5							○			●	●	●	○				
											○			●	●	●	○					
-MM	 Stainless steel Medium	SNMG 120408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5										●	●	●	○				
		SNMG 120412 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5										●	●	●	○				
															●	●	●	○				
														●	●	●	○					
-MG	 Stainless steel General	SNMG 120404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									●								
		SNMG 120408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0										●	●	●	●				
		SNMG 120412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0										●	●	●	●				
													●									
-MR	 Stainless steel Roughing	SNMG 120408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5						○			●	●	●	●					
		SNMG 120412 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5							○			●	●	●	●				
		SNMG 120416 - MR	1.6	0.30 ~ 0.55	2.0 ~ 5.5							○			●	●	●	●				
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Turning Inserts - Negative

SNMG (90° Square)



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

	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		SNMG 090304 - SM	0.4	0.15 ~ 0.30	0.5 ~ 3.0												○ 2434	● 2435			
		SNMG 120408 - SM	0.8	0.15 ~ 0.30	0.5 ~ 3.0												○ 1801 ○ 1802 ○ 1803	● 1696			
-SR		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			

HRSA Medium

HRSA Roughing

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

SNMG / SNMM - Heavy Turning (90° Square)

TURNING

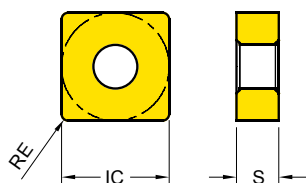
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

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..

●: Stock item ○: Order made item

					K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
SNMG	Designation	RE	F _n (mm/rev.)	A _p (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
 -UH Low cutting force	SNMM 150612 - UH	1.2	0.35 ~ 0.60	2.0 ~ 5.5						● 2331	● 2332									
	SNMM 190612 - UH	1.2	0.35 ~ 0.70	1.5 ~ 9.0	● 2123		● 2124			● 2125	● 2126									
	SNMM 190616 - UH	1.6	0.35 ~ 0.70	2.0 ~ 9.0	● 2127		● 2128			● 2129	● 2130									
	SNMM 190624 - UH	2.4	0.35 ~ 0.70	3.0 ~ 9.0	● 2131		● 2132			● 2133	● 2134									
	SNMM 250924 - UH	2.4	0.40 ~ 0.80	3.0 ~ 10.0	● 2135		● 2136			● 2137	● 2138									
	SNMG 250924 - UR	2.4	0.40 ~ 1.00	5.0 ~ 12.0						● 1370	● 1366									
 -UR Roughing																				
 -UT Heavy Roughing	SNMM 150612 - UT	1.2	0.45 ~ 0.70	2.0 ~ 6.0						● 2333	● 2334									
	SNMM 190612 - UT	1.2	0.50 ~ 1.00	3.0 ~ 12.0	● 2153		● 2154			● 2155	● 2156									
	SNMM 190616 - UT	1.6	0.50 ~ 1.00	4.0 ~ 12.0	● 2157		● 2158			● 2159	● 2160									
	SNMM 190624 - UT	2.4	0.50 ~ 1.00	6.0 ~ 12.0	● 2161		● 2018			● 2162	● 2163									
	SNMM 250724 - UT	2.4	0.55 ~ 1.20	6.0 ~ 13.0			● 1255			● 0841	● 0842									
	SNMM 250924 - UT	2.4	0.55 ~ 1.20	6.0 ~ 13.0	● 2164		● 1626			● 1627	● 1213									