

Turning Inserts - Negative

SNMA / SNMG (90° Square)

TURNING

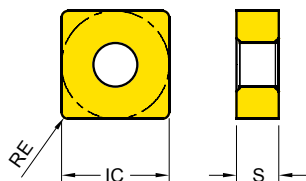
PARTING & GROOVING

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



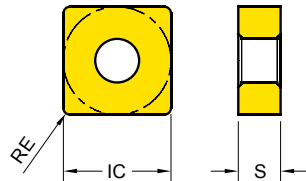
EDP 2200..

● : 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										S30	K15				
..MA	 Cast iron	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	 Finishing	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	 Light Machining and Sticky Material	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	 Medium Machining Unstable condition	SNMG 120408 - UM	0.8	0.15~0.30	1.0~3.0		○ 0983	○ 0739	● 2635	● 0784	● 0740											

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						K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	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	1610	1190	0141				2361	0142	0143	0030						
		SNMG 120416 - UG	1.6	0.20 ~ 0.40	2.0 ~ 3.0	1640	1164	0258				2411	0259	0260							
-UC	 Cast iron and Medium roughing	SNMG 120408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	1646	1165	0744	0789			2638	1169	1195							
		SNMG 120412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	1488	0073	0125				2405	0106	0126							
		SNMG 120416 - UC	1.6	0.20 ~ 0.40	2.0 ~ 4.0	0900	0074	0127				2429	0107	0128							
-UR	 Roughing	SNMG 120408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	1623	1163	0392				2401	0393	0394							
		SNMG 120412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	1624	1052	0261				2585	0262	0263	0031						
		SNMG 120416 - UR	1.6	0.30 ~ 0.50	2.0 ~ 5.0	1837	0988	0974	0975			2639	0971	0977							
		SNMG 190612 - UR	1.2	0.30 ~ 0.80	3.0 ~ 9.0							2640	1018	1026							
		SNMG 190616 - UR	1.6	0.30 ~ 0.80	3.0 ~ 9.0	1838						2641	1583	1584							
-KR	 Cast Iron Heavy Roughing	SNMG 120412 - KR	1.2	0.30 ~ 0.60	1.5 ~ 5.0	1064	1063	1065				2636									
		SNMG 120416 - KR	1.6	0.30 ~ 0.60	2.0 ~ 5.0	1208	0730	0950	0965			2637									

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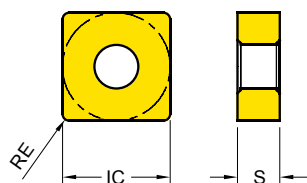
MILLING

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TECHNICAL INFORMATION

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SNMG (90° Square)



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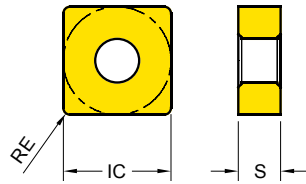
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						K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20	
SNMG						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-MF	 Stainless steel Finishing	SNMG 120404 - 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							○			●	●	●	●	○			
											0818			2459	0653	0654	0817	2277				
												0821			2460	0655	0656	0820	2278			
-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											●	●	●	○			
															0555	0556	1014	2295				
														0565	0566	1789	2296					
-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										2485	●	●	●	●			
		SNMG 120412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0										2475	1804	1805	1806	1695			
													●									
														2486								
-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								○		2495	●	●	●				
		SNMG 120416 - MR	1.6	0.30 ~ 0.55	2.0 ~ 5.5								0823		2496	0659	0660	0822				
													●									
														2497								

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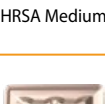
SNMG (90° Square)



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SN** 1506	15.875	6.35
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EDP 2200..

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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	 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			

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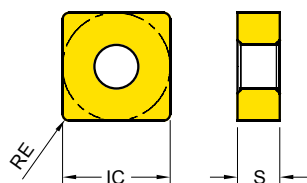
MILLING

DRILLING

TECHNICAL INFORMATION

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)	EDP 2200..															
						K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	N20	N20
						K20	K30										S30	K15			
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
		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	●	●				●	●									
		SNMG 250924 - UR	2.4	0.40 ~ 1.00	5.0 ~ 12.0						●	●									
											●	●									
		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	●	●				●	●									

NEW
-UH


Low cutting force

-UR



Roughing

NEW
-UT

Heavy
Roughing