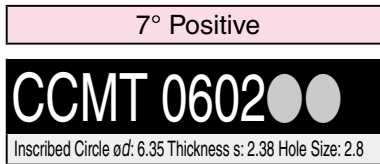
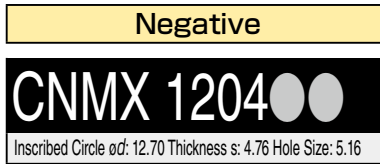
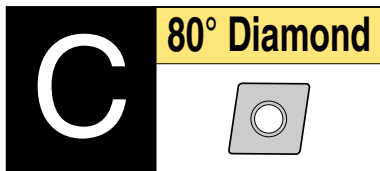


SUMIDIA Inserts



(Legend) General Cutting ● Recommended

Appearance	Shape	Cat. No.	SUMIDIA				Page for Applicable Holder		
			Dimensions (mm)		Recommended Materials				
			Nose Radius (r_n)	Cutting Edge (ℓ)	DA90	DA150		DA1000	DA2200
 NF Type		NF-CNMX 120402 120404 120408 120412	0.2	5.7	—	—	●	▲	External Holders C7 C8 Boring Bars E45 E46 E47
			0.4	5.7	—	—	●	▲	
			0.8	5.6	—	—	●	▲	
			1.2	5.4	—	—	●	▲	
 One-use		NU-CNMX 120402 120404 120408 120412	0.2	2.8	—	—	—	▲	
			0.4	2.8	—	—	—	▲	
			0.8	2.7	—	—	—	▲	
			1.2	2.6	—	—	—	▲	
		CNMX 120402 120404 120408 120412	0.2	5.7	—	—	●	▲	
			0.4	5.7	●	●	▲		
			0.8	5.6	●	●	▲		
			1.2	5.6	●	●	▲		
 NF Type		NF-CCMT 060201 060202 060204	0.1	2.8	—	—	●	▲	External Holders C29 D13 D17 D24 Boring Bars E36 E37
			0.2	2.8	—	—	●	▲	
			0.4	2.8	—	—	●	▲	
			 Break Master		NF-CCMT 060202N-LD 060204N-LD	0.2	2.9	—	
0.4	2.9	—				—	●	—	
 Break Master		NF-CCMT 060202N-GD 060204N-GD	0.2	2.9	—	—	●	—	
			0.4	2.9	—	—	●	—	
 Break Master		NU-CCMT 060202R-DM 060202L-DM 060204R-DM 060204L-DM	0.2	2.5	—	●	—	—	
			0.2	2.5	—	●	—	—	
			0.4	2.5	—	●	—	—	
			0.4	2.5	—	●	—	—	
		CCMT 060201 060202 060204	0.1	3.3	—	—	●	▲	
			0.2	3.2	—	—	●	▲	
			0.4	3.1	—	—	●	▲	
 NF Type		NF-CCMT 09T301 09T302 09T304 09T308	0.1	2.8	—	—	●	▲	External Holders C29 D13 D17 D24 Boring Bars E36 E37
			0.2	2.8	—	—	●	▲	
			0.4	2.8	—	—	●	▲	
			0.8	2.7	—	—	●	▲	
 Break Master		NF-CCMT 09T302N-LD 09T304N-LD 09T308N-LD	0.2	2.9	—	—	●	—	
			0.4	2.9	—	—	●	—	
 Break Master		NF-CCMT 09T302N-GD 09T304N-GD 09T308N-GD	0.2	2.9	—	—	●	—	
			0.4	2.9	—	—	●	—	
 Break Master		NU-CCMT 09T302R-DM 09T302L-DM 09T304R-DM 09T304L-DM	0.2	2.5	—	●	—	—	
			0.2	2.5	—	●	—	—	
			0.4	2.5	—	●	—	—	
			0.4	2.5	—	●	—	—	
		CCMT 09T301 09T302 09T304	0.1	3.3	—	—	●	▲	
			0.2	3.2	—	—	●	▲	
			0.4	3.1	—	—	●	▲	

M
SUMIDIA

SUMIDIA
SUMIDIA Binderless
SUMICRYSTAL