

SUMIDIA Inserts

D 55° Diamond Type

Negative Positive Type

DNMX 1504

Inscribed circle IC: 12.70 Thickness S: 4.76 Hole size: 5.16

(Legend) General cut ● : 1st Recommendation

Appearance	Shape	Cat. No.	Dimensions (mm)		SUMIDIA				Page for Applicable Holders
			Nose radius (RE)	Cutting Edge (LE)	Material				
					DA90	DA150	DA1000	DA2200	
		NF-DNMX 150402 150404 150408 150412	0.2 0.4 0.8 1.2	6.4 6.2 5.8 5.4	— — — —	— — — —	● ● ● ●	▲ ▲ ▲ ▲	External Holders C10 C11 Boring Bars E35 E36 E37
		NU-DNMX 150402 150404 150408 150412	0.2 0.4 0.8 1.2	3.0 2.8 2.5 2.1	— — — —	— — — —	▲ ▲ ▲ ▲		
		DNMX 150402 150404 150408 150412	0.2 0.4 0.8 1.2	6.4 6.2 5.8 5.4	— ● ● ●	— ● ● ●	— ▲ ▲ ▲		

7° Positive

DCMT 0702

Inscribed circle IC: 6.35 Thickness S: 2.38 Hole size: 2.8

		NF-DCMT 070201 070202 070204	0.1 0.2 0.4	3.0 3.0 2.8	— — —	— — —	● ● ●	▲ ▲ ▲	External Holders C14 D14 D17 D23 Boring Bars E27 E28 E29 E30
		NF-DCMT 070202N-LD 070204N-LD	0.2 0.4	3.1 2.9	— —	— —	● ●	— —	
		NF-DCMT 070202N-GD 070204N-GD	0.2 0.4	3.1 2.9	— —	— —	● ●	— —	
		NU-DCMT 070202R-DM 070202L-DM 070204R-DM 070204L-DM	0.2 0.2 0.4 0.4	3.0 3.0 3.0 3.0	— — — —	— — — —	● ● ● ●	— — — —	
		DCMT 070201 070202 070204	0.1 0.2 0.4	4.3 4.2 4.0	— — —	— — —	● ● ●	— — —	

DCMT 11T3

Inscribed circle IC: 9.525 Thickness S: 3.97 Hole size: 4.4

		NF-DCMT 11T301 11T302 11T304 11T308	0.1 0.2 0.4 0.8	3.0 3.0 2.8 2.4	— — — —	— — — —	● ● ● ●	▲ ▲ ▲ ▲	External Holders C14 D14 D17 D23 Boring Bars E27 E28 E29 E30
		NF-DCMT 11T302N-LD 11T304N-LD 11T308N-LD	0.2 0.4 0.8	3.1 2.9 2.5	— — —	— — —	● ● ●	— — —	
		NF-DCMT 11T302N-GD 11T304N-GD 11T308N-GD	0.2 0.4 0.8	3.1 2.9 2.5	— — —	— — —	● ● ●	— — —	

M
SUMIDIA
SUMIDIA
SUMICRYSTAL

SUMIDIA Inserts



Inscribed circle IC: 9.525 Thickness S: 3.97 Hole size: 4.4

(Legend) General cut ● : 1st Recommendation

Appearance	Shape	Cat. No.	SUMIDIA				Page for Applicable Holders
			Dimensions (mm)				
			Nose radius (RE)	Cutting Edge (LE)	DA90	DA150	
		NU-DCMT 11T302R-DM 11T302L-DM 11T304R-DM 11T304L-DM	0.2 0.2 0.4 0.4	3.0 3.0 3.3 3.3	— ● ● ●	— — — —	External Holders C14 D14 D17 D23
		DCMT 11T301 11T302 11T304	0.1 0.2 0.4	4.3 4.2 4.0	● ● ●	— — —	Boring Bars E27 E28 E29 E30

M

SUMIDIA

SUMIDIA
SUMIDA Binderless

SUMICRYSTAL