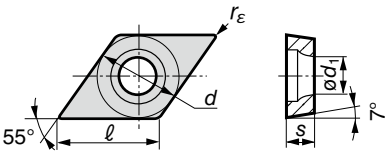
DC 55° Diamond Type 7° Relief With Insert Hole



Grade Selection >>> A2
Chipbreaker Selection >>> From B8
Grade Selection By Work Material >>> From A8

(Legend) Continuous Cut ● : 1st Choice ○ : 2nd Choice | Medium Cut ◕ : 1st Choice ◔ : 2nd Choice | Interrupted Cut ✖ : 1st Choice ✪ : 2nd Choice

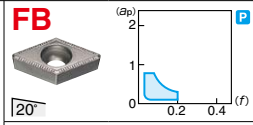
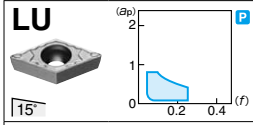
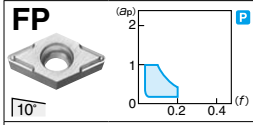
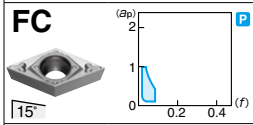
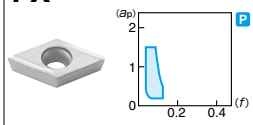
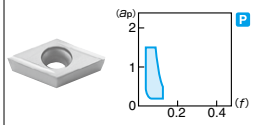
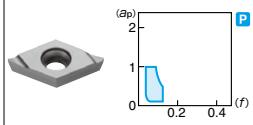
DC■■11T3●●

- ℓ : 11.6
- s : 3.97
- ød : 9.525
- ød1 : 4.4

SUMIBORON (CBN) Inserts From L51
SUMIDIA (PCD) Inserts From M10
Applicable External Holders C29, D14, 16, 19
Applicable Internal Holders E49 to 51

Recommended Application

		AC810P	AC820P	AC830P	AC2000	AC610M	AC630M	AC6030M	AC6040M	AC405K	AC415K	AC420K	AC410K	AC503U	AC510U	AC520U	AC530U	AC150	T1500Z	T3000Z	T2000Z	T1000A	T1500A	T110A	T1200A	ST10P	ST20E	A30	G10E	EH510	EH520	H1
		Coat																	Coated Cermet			Cermet				Carbide						
P	steel	●	◕	✖			◔									✪	✪		◕	✖		●	◕									
M	stainless steel			✪		●	◔	◕	✖						◔	✪	✪															
K	cast iron		✪							●	◕	✖			✪							●										
N	non-ferrous metal																															◕
S	exotic alloy														◕	✖																
H	hardened steel													●																		

	Shape	Cat. No.	r_ε	AC810P	AC820P	AC830P	AC2000	AC610M	AC630M	AC6030M	AC6040M	AC405K	AC415K	AC420K	AC410K	AC503U	AC510U	AC520U	AC530U	AC150	T1500Z	T3000Z	T2000Z	T1000A	T1500A	T110A	T1200A	ST10P	ST20E	A30	G10E	EH510	EH520	H1
Finishing	FB 	DCMT 11T302N-FB New	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●	—	●	●	—	—	—	—	—	—	—	—	—
		11T304N-FB New	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●	—	●	●	—	—	—	—	—	—	—	—	—
		11T308N-FB New	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●	—	●	●	—	—	—	—	—	—	—	—	—
	LU 	DCMT 11T302N-LU	0.2		●		▲				●					—			●		●	●		●	●		▲							
		11T304N-LU	0.4	●	●		▲		●	●	●					—			●		●	●	▲	●	●		▲							
		11T308N-LU	0.8	●	●		▲		●	●	●					—			●		●	●	▲	●	●		▲							
	FP 	DCMT 11T308N-FP	0.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							●			—	—	—	—	—	—	—
	FC 	DCGT 11T301MN-FC	<0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●				●	●			—	—	—	—	—	—	—
		11T302MN-FC	<0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●				●	●			—	—	—	—	—	—	—
		11T304MN-FC	<0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●	●				●	●			—	—	—	—	—	—	—
	FX 	DCGT 11T3003R-FX	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●		▲							
		11T3003L-FX	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●		▲							
		11T301R-FX	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●		▲							
		11T301L-FX	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●		▲							
		11T302R-FX	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●		●			●	●	▲	▲							
		11T302L-FX	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●		●			●	●	▲	▲							
	FX 	DCET 11T3003R-FX	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		●														
		11T3003L-FX	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T3008R-FX	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T3008L-FX	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T301R-FX	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T301L-FX	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T3018R-FX	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T3018L-FX	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T304R-FX	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
		11T304L-FX	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●														
	FY 	DCGT 11T3003R-FY	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●															
		11T3003L-FY	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●															
		11T301R-FY	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●									
		11T301L-FY	0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●									
		11T302R-FY	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●									
		11T302L-FY	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●									
		11T304R-FY	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●									
		11T304L-FY	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●	●					●	●									

Nose radii (r_ε) indicated with "<" have negative tolerances.