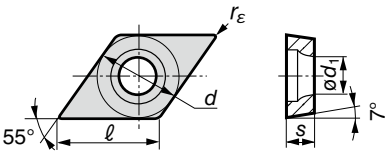
DC 55° Diamond Type 7° Relief With Insert Hole



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

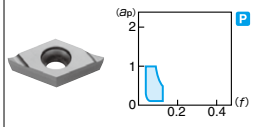
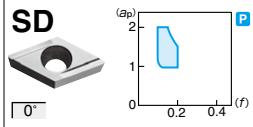
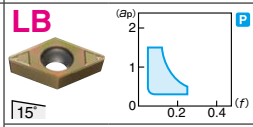
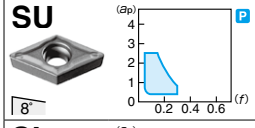
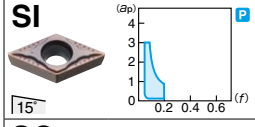
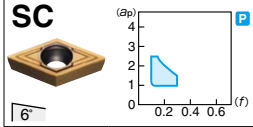
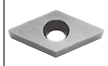
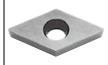
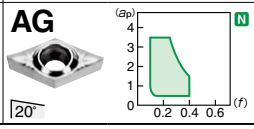
DC■■0702●●

- ℓ : 7.7
- s : 2.38
- ød : 6.35
- ød1 : 2.8

SUMIDIA (CBN) Inserts ☞ From L49
SUMIDIA (PCD) Inserts ☞ M10
Applicable External Holders ☞ C29, D14, 16, 19
Applicable Internal Holders ☞ E49 to E51

Recommended Application

		AC810P	AC820P	AC830P	AC2000	AC610M	AC630M	AC6030M	AC6040M	AC405K	AC415K	AC420K	AC410K	AC503U	AC510U	AC520U	AC530U	AC Z150	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	AC Z150	T1500Z	T3000Z	T2000Z	T1000A	T1500A	T110A	T1200A	ST10P	ST20E	A30	G10E	EH510	EH520	H1
Finishing	FY 	DCET	0702003R-FY	0.03	—	—	—	—	—	—	—	—	—	—	—	—					●														
			0702003L-FY	0.03	—	—	—	—	—	—	—	—	—	—	—	—					●														
			0702008R-FY	0.08	—	—	—	—	—	—	—	—	—	—	—	—					●														
			0702008L-FY	0.08	—	—	—	—	—	—	—	—	—	—	—	—					●														
			070201R-FY	0.1	—	—	—	—	—	—	—	—	—	—	—	—					●														
			070201L-FY	0.1	—	—	—	—	—	—	—	—	—	—	—	—					●														
			0702018R-FY	0.18	—	—	—	—	—	—	—	—	—	—	—	—					●														
			0702018L-FY	0.18	—	—	—	—	—	—	—	—	—	—	—	—					●														
			070202R-FY	0.2	—	—	—	—	—	—	—	—	—	—	—	—																			
			070202L-FY	0.2	—	—	—	—	—	—	—	—	—	—	—	—																			
			070204R-FY	0.4	—	—	—	—	—	—	—	—	—	—	—	—					●														
			070204L-FY	0.4	—	—	—	—	—	—	—	—	—	—	—	—					●														
Finishing-Light Cutting	SD 	DCGT	070202R-SD	0.2	—	—	—	—	—	—	—	—	—	—	—	—						●			●	●		▲							
			070202L-SD	0.2	—	—	—	—	—	—	—	—	—	—	—	—						●			●	●		▲							
			070204R-SD	0.4	—	—	—	—	—	—	—	—	—	—	—	—						●			●	●		▲							
			070204L-SD	0.4	—	—	—	—	—	—	—	—	—	—	—	—						●			●	●	▲	▲							
Light Cutting	LB 	DCMT	070202N-LB New	0.2		●	●				●	●					—					●	●			●									
			070204N-LB New	0.4		●	●				●	●					—					●	●			●									
			070208N-LB New	0.8		●	●				●	●					—					●	●			●									
	SU 	DCMT	070202N-SU	0.2		●	●	▲	●	●	●	●					—			●		●	●	▲	●	●	▲	▲							
			070204N-SU	0.4	●	●	●	▲	●	●	●	●					—			●		●	●	▲	●	●	▲	▲							
			070208N-SU	0.8	●	●	●	▲	●	●	●						—					●	●	▲	●	●	▲	▲							
	SI 	DCGT	070201MN-SI	<0.1					●	●	—	—					—	●	●	●		●			●	●									
			070202MN-SI	<0.2					●	●	—	—					—	●	●	●		●			●	●									
			070204MN-SI	<0.4					●	●	—	—					—	●	●	●		●			●	●									
	SC 	DCGT	0702003N-SC	0.03	—	—	—	—	—	—	—	—	—	—	—	—				●	●				●	●		▲							
		DCGT	070201MN-SC	<0.1	—	—	—	—	—	—	—	—	—	—	—	—				●	●	●			●	●			—	—	—	—	—	—	
			070202MN-SC	<0.2	—	—	—	—	—	—	—	—	—	—	—	—				●	●	●			●	●			—	—	—	—	—	—	
			070204MN-SC	<0.4	—	—	—	—	—	—	—	—	—	—	—	—					●	●			●	●			—	—	—	—	—	—	
		DCMW	070204	0.4									●	●	●	▲	—					—	—	—	—	—	—	—							—
			070208	0.8									●	●	●	▲	—					—	—	—	—	—	—	—							—
		DCGW	070200	0	—	—	—	—																											
			070201	0.1	—	—	—	—																											
			070202 New	0.2	—	—	—	—									●																		
			070204 New	0.4	—	—	—	—									●																		
			070208 New	0.8	—	—	—	—									●																		
for Aluminium	AG 	DCGT	070202N-AG	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●
			070204N-AG	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	●

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