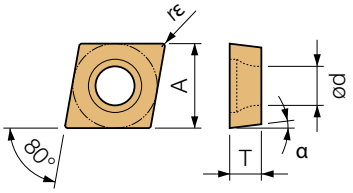
80° Diamond

Positive Insert with Hole

Part Number	A (in)	T (in)	Ød (in)	α
CC_1109_	0.138	0.055	0.075	7°
CC_1411_	0.169	0.071	0.091	
CC_215_	1/4	3/32	0.110	7°
CC_325_	3/8	5/32	0.173	
CC_43_	1/2	3/16	0.217	



	Free-Cutting Steel	Carbon/Alloy Steel	Stainless Steel	Gray Cast Iron	Nodular Cast Iron	Non-ferrous Metals	HRSA	Titanium Alloy	Hard materials
P	● ● ○ ◔	● ● ○ ◔	◔ ●	● ◔	◔	◔	◔	◔	
M			◔ ●	● ◔	◔		◔	◔	
K						● ◔			
N						● ◔			
S			●	●			◔	◔	
H									

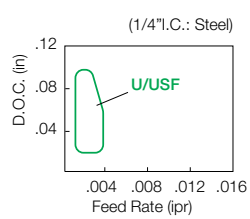
		ANSI Part Number	ISO Part Number	rε	Corner Radius (in)	Cermet				MEGA COAT Cermet				PVD Cermet		CVD Coated Carbide																		MEGACOAT / MEGACOAT NANO					PVD Coated Carbide				DLC	Carbide		Toolholder Page	Chipbreaker Range
						TN610	TN620	TN6010	TN6020	TN60	PV710	PV720	PV7010	PV7025	PV7005	PV90	PV7020	CA510	CA515	CA525	CA530	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525	CA4505	CA4515	CA4010	CA4115	CA4120	PR1425	PR1225	PR1305	PR1310	PR1325	PR1535	PR930	PR1005	PR1025	PR1125	PDL025	KW10	SW05		
	CCGT	110901R/L-F	0301003R/L-F	0.001					Ⓛ																																			
		110902R/L-F	030101R/L-F	0.004				○	●				Ⓛ																													○	
		110905R/L-F	030102R/L-F	0.008				○ Ⓛ	●			Ⓛ	○		●	Ⓛ																											○	
		11091R/L-F	030104R/L-F	1/64				○ Ⓛ	○			Ⓛ	○		●	●																											○	
	CCGT	141101R/L-F	0401003R/L-F	0.001																																							
Finishing		141102R/L-F	040101R/L-F	0.004				○	○				Ⓛ																													○	
Sharp Edge		141105R/L-F	040102R/L-F	0.008				○ Ⓛ	○			Ⓛ	○			Ⓛ	●																									○	
		14111R/L-F	040104R/L-F	1/64				○ Ⓛ	●			Ⓛ	○			Ⓛ	●																									○	
	CCGT	1109013MR/L-F	0301005MR/L-F	<0.002																													●											F20 F39	2
		110902MR/L-F	030101MR/L-F	<0.004																													●							Ⓛ					
		110905MR/L-F	030102MR/L-F	<0.008																													●						Ⓛ	Ⓛ					
		11091MR/L-F	030104MR/L-F	<1/64																													●						Ⓛ	○					
	CCGT	1411013MR/L-F	0401005MR/L-F	<0.002																													●												
		141102MR/L-F	040101MR/L-F	<0.004																													●							Ⓛ					
		141105MR/L-F	040102MR/L-F	<0.008																													●							○	○				
		14111MR/L-F	040104MR/L-F	<1/64																													●							Ⓛ	○				
	CCET	21501FR/L-USF	0602003FR/L-USF	0.001																																			●							
		21502FR/L-USF	060201FR/L-USF	0.004				○	○																													●							
		21505FR/L-USF	060202FR/L-USF	0.008				○	○																													●							
Low Feed	CCET	32501FR/L-USF	09T3003FR/L-USF	0.001					Ⓡ																													●							
Sharp Edge / Precision		32502FR/L-USF	09T301FR/L-USF	0.004				○	○																													●							
Super Fine		32505FR/L-USF	09T302FR/L-USF	0.008				○	○																													●							
	CCET	215013MFR/L-USF	0602005MFR/L-USF	<0.002																													●												
		21502MFR/L-USF	060201MFR/L-USF	<0.004																													●								○				
		21505MFR/L-USF	060202MFR/L-USF	<0.008																													●								○				
	CCET	325013MFR/L-USF	09T3005MFR/L-USF	<0.002																													●												
		32502MFR/L-USF	09T301MFR/L-USF	<0.004																													●								○				
		32505MFR/L-USF	09T302MFR/L-USF	<0.008																													●								○				
	CCET	215013MFR/L-U	0602005MFR/L-U	<0.002																													●				○				○				
Low Feed		21502MFR/L-U	060201MFR/L-U	<0.004		○	○				○	○																					●				○				○				
Sharp Edge		21505MFR/L-U	060202MFR/L-U	<0.008		○	○				○	○																					●				○				○				
NEW	CCET	325013MFR/L-U	09T3005MFR/L-U	<0.002																													●				○				○				
		32502MFR/L-U	09T301MFR/L-U	<0.004		○	Ⓡ				○	Ⓡ																					●				○				○				
		32505MFR/L-U	09T302MFR/L-U	<0.008		○	Ⓡ				○	Ⓡ																					●				○				○				
		3251MFR/L-U	09T304MFR/L-U	<1/64																													●				○				○				

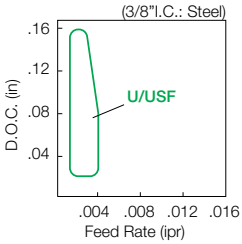
• Insert whose corner R(rε) dimension expressed with less than sign (e.g. **<0.002, <0.004, <0.008** etc.) indicate models with minus tolerance for corner R (rε).

Reference Table Below

Chipbreaker Range

1





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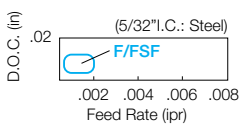

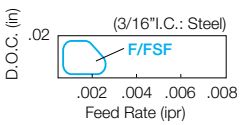

Part Number	Applicable Toolholder Page
CC..215	E22~E23, E34, F39, F43
CC..325	E22~E23, E34, F39, F75