

Turning Indexable Inserts

(mm)

80°Diamond • Positive with Hole

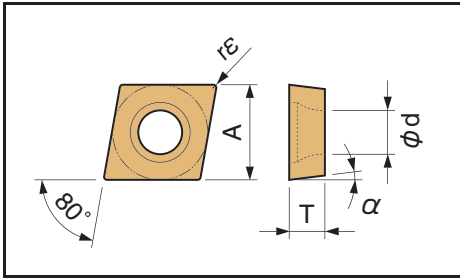
Description	A	T	ød	α
CC_0301_	3.5	1.4	1.9	7°
CC_0401_	4.3	1.8	2.3	7°

Description	A	T	ød	α
CC_0602_	6.35	2.38	2.8	7°
CC_09T3_	9.525	3.97	4.4	7°
CC_1204_	12.7	4.76	5.5	7°

B



Insert (Turning)



P	M	K	N	S	H	Free-cutting steel	Classification of usage
○						Carbon Steel and Alloy Steel	✱: Interruption / 1st Choice
	○					Stainless Steel	✳: Interruption / 2nd Choice
		○				Gray Cast Iron	●: Light Interruption / 1st Choice
			○			Nodular Cast Iron	○: Light Interruption / 2nd Choice
				○		Non-ferrous Metals	●: Continuous / 1st Choice
					○	Heat-resistant alloy	○: Continuous / 2nd Choice
					○	Titanium Alloy	(In case hardness is under 45HRC)
						Hard Materials	

Insert	Description	Dim. (mm)	CVD Coated Carbide										PVD Coated Carbide			Carbide	Ref. Page for Toolholder	Applicable Chipbreaker Range								
			Cermet	PVD Cermet		CVD Coated Carbide								PVD Coated Carbide												
Handed Insert shows Left-hand		rε	TN6010	TN6020	TN60	PV7005	PV7010	PV7020	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525	CA4010	CA4115	CA4120	CA4505	CA4515	PR930	PR1005	PR1025	PR1125	KW10		
Low Feed 	CCGT 060200F ^β /L-U	0.0																							E11-13	
	0602003F ^β /L-U	0.03																							F24	
	060201F ^β /L-U	0.1	●	●																					F49-50	
	060202F ^β /L-U	0.2	●	●		L																			F49-50	
Low Feed 	CCGT 09T300F ^β /L-U	0.0																							E11-13	
	09T3003F ^β /L-U	0.03																							F24	
	09T301F ^β /L-U	0.1	R	●																					F44	
	09T302F ^β /L-U	0.2	R	●																					F44	
Low Feed 	CCGT 060201E ^β /L-U	0.1																							E11-13	
	060202E ^β /L-U	0.2																							F24	
	060204E ^β /L-U	0.4	●	●		L																			F49-50	
	CCGT 09T301E ^β /L-U	0.1																							E11-13	
Low Feed 	09T302E ^β /L-U	0.2																							F24	
	09T304E ^β /L-U	0.4	●	●																					F44	
	CCGT 060201ME ^β /L-U	<0.1																							E11-13	
	060202ME ^β /L-U	<0.2																							F24	
	060204ME ^β /L-U	<0.4																							F49-50	
	CCGT 09T301ME ^β /L-U	<0.1																							E11-13	
	09T302ME ^β /L-U	<0.2																							F24	
	09T304ME ^β /L-U	<0.4																							F44	

* Insert whose corner R(rε) dimension expressed with less than sign (e.g. <0.05, <0.1, <0.2 etc.) indicate models with minus tolerance for corner R(rε).

For grades { TN30 PV60 PR905 } , See Page B74

Inserts are sold in 10 piece boxes.