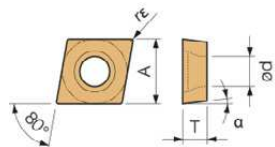


TURNING INSERTS (POSITIVE)

Cermet / Coated Carbide / Carbide

How to read this page B7

80° Diamond Positive Insert with Hole



Usage Classification

- ✱ Interruption / 1st Choice
- ✳ Interruption / 2nd Choice
- Light Interruption / 1st Choice
- Light Interruption / 2nd Choice
- Continuous / 1st Choice
- Continuous / 2nd Choice (Hardness Under 45HRC)

Part Number	Applicable Toolholder Page	Part Number	A	T	Ød	α
CC..215	E22~ E23, E34, F39	CC_215_	1/4	3/32	0.110	
CC..325	E22~ E23, E34, F39	CC_325_	3/8	5/32	0.173	7°
		CC_43_	1/2	3/16	0.217	

Material	P	M	K	N	S	H	Free-Cutting Steel	Carbon/Alloy Steel	Stainless Steel	Gray Cast Iron	Nodular Cast Iron	Non-ferrous Metals	Heat-Resistant Alloys	Titanium Alloy	Hard materials
Free-Cutting Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Carbon/Alloy Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Stainless Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Gray Cast Iron	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Nodular Cast Iron	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Non-ferrous Metals	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heat-Resistant Alloys	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Titanium Alloy	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hard materials	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

E	TURNING	ANSI Part Number	ISO Part Number	Corner Radius (in) rε	Material										Toolholder Page	Chipbreaker Range																								
					Cermet	MEGA COAT Cermet	PVD Cermet	CVD Coated Carbide					MEGACOAT / MEGACOAT NANO	PVD Coated Carbide			Carbide																							
					TN620	TN6010	TN6020	TN60	PV720	PV7010	PV7025	PV90	CA510	CA515	CA525	CA530	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525	PR1425	PR1225	PR1305	PR1310	PR1325	PR930	PR1005	PR1025	PR1125	KW10	SW05							
F	BORING	CCGT 21501F%-U	0602003F%-U	0.001																																				
				0.004	○	○	○		○																															
				0.008	○	○	○		○	Ⓛ																														
G	GROOVING	CCGT 215013MF%-U	0602005MF%-U	<0.002																																				
				<0.004																																				
				<0.008																																				
H	CUT-OFF	CCGT 215013MF%-U	09T3005MF%-U	<0.002																																				
				<0.004																																				
				<0.008																																				
J	THREADING	CCGT 21502E%-U	060201E%-U	0.004		○																																		
				0.008	○	○	○	○																																
				1/64	○	○	○	○																																
L	SOLID END MILLS	CCGT 21502ME%-U	060201ME%-U	<0.004																																				
				<0.008																																				
				<1/64																																				
M	MILLING	CCGT 21502ME%-U	09T301ME%-U	<0.004																																				
				<0.008																																				
				<1/64																																				
P	SPARE PARTS	CCET 215013MF%-J	0602005MF%-J	<0.002																																				
				<0.004																																				
				<0.008																																				
R	TECHNICAL	CCGT 32502MF%-J	09T301MF%-J	<0.004																																				
				<0.008																																				
				<0.016																																				
T	INDEX	CCGT 3251AH	09T304AH	1/64																																				
				1/32																																				

• 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).

