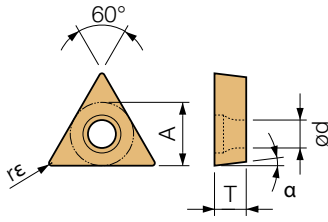


How to read this page **B13**

# 60° Triangle

Positive Insert with Hole

Part Number	A	T	Ød	α
TC_1515_	3/16	3/32	0.091	7°
TC_22_	1/4	1/8	0.110	



P	M	K	N	S	H	Material Groups															Free-Cutting Steel Carbon/Alloy Steel	Stainless Steel	Gray Cast Iron	Nodular Cast Iron	Non-ferrous Metals	HRSA	Titanium Alloy	Hard materials													
						Cermet			MEGA COAT Cermet		PVD Cermet		CVD Coated Carbide					MEGACOAT / MEGACOAT NANO		PVD Coated Carbide									DLC Carbide												
						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
ANSI Part Number		ISO Part Number		rε																																					
<b>Low Feed</b> Sharp Edge / Precision Super Fine		TCET 151501F%-USF	0802003F%-USF	0.001																																					
		151502F%-USF	080201F%-USF	0.004																																					
		151505F%-USF	080202F%-USF	0.008																																					
		TCET 2201F%-USF	1103003F%-USF	0.001																																					
		2202F%-USF	110301F%-USF	0.004																																					
		2205F%-USF	110302F%-USF	0.008																																					
		TCET 2201MF%-USF	1103005MF%-USF	<0.002																																					
		2202MF%-USF	110301MF%-USF	<0.004																																					
		2205MF%-USF	110302MF%-USF	<0.008																																					
		TCGT 151501F%-U	0802003F%-U	0.001																																					
		151502F%-U	080201F%-U	0.004																																					
		151505F%-U	080202F%-U	0.008																																					
		TCGT 2201F%-U	1103003F%-U	0.001																																					
		2202F%-U	110301F%-U	0.004																																					
		2205F%-U	110302F%-U	0.008																																					
		TCGT 1515013MF%-U	0802005MF%-U	<0.002																																					
		151502MF%-U	080201MF%-U	<0.004																																					
		151505MF%-U	080202MF%-U	<0.008																																					
		TCGT 22013MF%-U	1103005MF%-U	<0.002																																					
		2202MF%-U	110301MF%-U	<0.004																																					
		2205MF%-U	110302MF%-U	<0.008																																					
		221MF%-U	110304MF%-U	<1/64																																					
		TCGT 151505E%-U	080202E%-U	0.008																																					
		TCGT 2202E%-U	110301E%-U	0.004																																					
		2205E%-U	110302E%-U	0.008																																					
		221E%-U	110304E%-U	1/64																																					
		TCGT 151505ME%-U	080202ME%-U	<0.008																																					
		TCGT 2202ME%-U	110301ME%-U	<0.004																																					
		2205ME%-U	110302ME%-U	<0.008																																					
		221ME%-U	110304ME%-U	<1/64																																					
<b>Finishing</b>		TCGT 21505%	110202%	0.008																																					
		2151%	110204%	1/64																																					
<b>Finishing-Medium</b> Sharp Edge / Non-Ferrous Metals		TCGT 2205%-A3	110302%-A3	0.008																																					
		221%-A3	110304%-A3	1/64																																					

Low Feed  
Sharp Edge / Precision Super Fine



Low Feed  
Sharp Edge



Low Feed  
Honed Edge



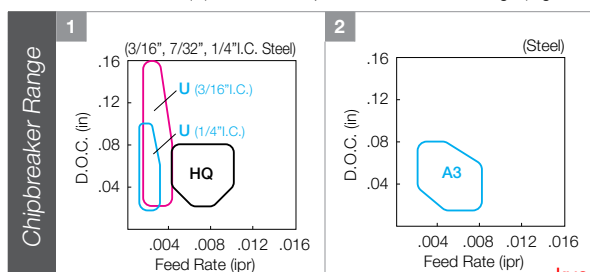
Finishing



Finishing-Medium  
Sharp Edge / Non-Ferrous Metals



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



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[www.kyocera-tools.ru](http://www.kyocera-tools.ru)

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○ : World Express (Shipping - 10 Business Days)    Ⓢ : World Express (R-hand Only)    Ⓣ : World Express (L-hand Only)

Inserts sold in 10 piece boxes.



GRADES	<b>A</b>
INSERTS	<b>B</b>
CBN & PCD	<b>C</b>
TOOLHOLDERS	<b>D</b>
SMALL TOOLS	<b>E</b>
BORING	<b>F</b>
GROOVING	<b>G</b>
CUT-OFF	<b>H</b>
THREADING	<b>J</b>
HSK TOOLING	<b>N</b>
SPARE PARTS	<b>P</b>
TECHNICAL	<b>R</b>
INDEX	<b>T</b>