


SHARP POINT VEE TOOLS			
		SHARP POINT VEE	
Diamond Types	CVD Pure Diamond (Poly-crystal)		Yes
	E-diamond synthetic (Dodec 110 orientation)		Yes
	MCC synthetic (Dodec 110 orientation)		Yes
	Mono-Die synthetic (Dodec 110 orientation)		Yes
	Natural (Dodec 110 orientation)		Yes
	Sumitomo synthetic (Cubic 100 orientation)		Yes
Minimum Radius		NA	
Maximum Radius		NA	
Arc		NA	
Included Angle (Top Angle)		15° to 179°	
Rank Angle		+2.5° to -35°	
Front Clearance Angle		0° to 45°	
Cutting Edge Waviness (Flanks)		2.0µm to <50nm	
Shank Options 35° Insert 55° Insert 6.35 mm sq x 51.0 mm long (example) 8.00 mm sq x 51.0 mm long (example) Other sizes available on request Round shanks 3.0, 3.17, 4.0, 6.0 & 6.35mm Diameter, 35.0 mm minimum length recommended			
Tool Shank Material	Steel		Yes
	Tungsten		Yes
	Molybdenum		Yes
	Titanium		Yes
Tool Shank Types	Square or Rectangular		Yes
	Round		Yes
	Other sizes provided upon request	Ask a Contour engineer to design a tool for your application.	

\* CVD Diamond minimum radius dependent on included angle

Other rake angles upon request