

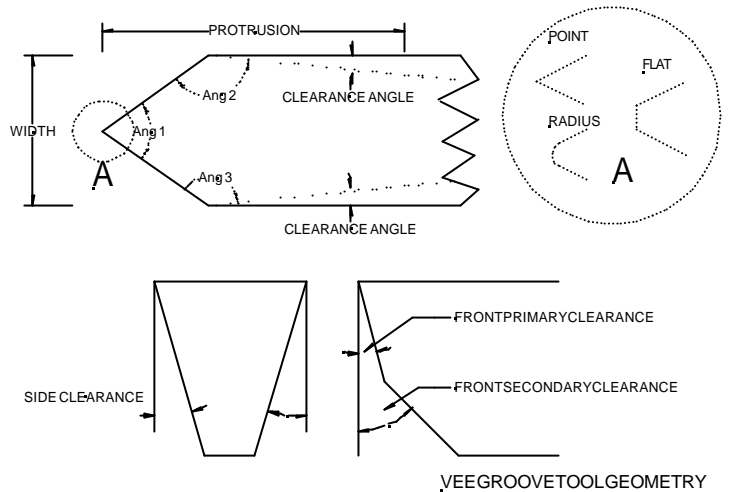
TOOL DATA SHEET

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Chase Diamond Tools International Ltd.



Tool Number	
Tool Type	Vee Groove Tool
Form	Insert or Solid Shank
Shank	Specified
Insert Type	Specified
Diamond Material	Natural Diamond

TOOL GEOMETRY

Width	0.45 – 3.00 mm
Protrusion	0.5 mm to 1.5 mm (Solid Shank) 0.5 mm to 3.0 mm (Insert)
Clearance Angle	0° to 2° (Dependant on width)
Side Clearance Angle	1° to 2°
Front Primary Clearance Angle	1° to 3°
Front Secondary Clearance Angle	Upto 12°
Top Rake Angle	0° to -5°
Tip Form (Radius)	0.0254 mm to 0.254 mm in increments of 0.0254 mm
Tip Form (Flat)	0.0254 mm to WIDTH
Tip Included Angle (Angle 1)	From 20°
Tip Angle 2	Specified
Tip Angle 3	Specified
Chip free magnification	800x