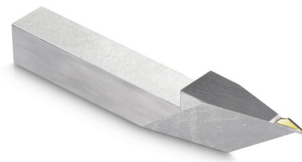


SHARP POINT VEE TOOLS



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