Edge of Arlington Saw & Tool, Inc.

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Item #DRB-418, Amana Tool CNC Polycrystalline Diamond (PCD) 90° Engraving, V-Grooving, Chamfering Router Bit 1/2 Dia x 3/8 x 1/4 Shank (Industrial)

$183.92

Thank you for shopping with us! Diamond is the hardest naturally-occurring material on the earth. Polycrystalline Diamond (PCD) tooling is manufactured in a high-temperature and high-pressure laboratory that fuses diamond particles onto a carbide substrate, which allows the diamond to be brazed onto a tool body. If you're looking for the ultimate in tooling you've found it! Amana Tool®'s PCD tipped 90° engraving V-grooving and chamfering CNC router bits will groove a wide variety of tough abrasive materials, including composites, particleboard, MDF (both raw or with melamine), veneer, and hardwoods. The cutting edge lasts much longer than carbide for extremely long life. **Excellent for 'V' Grooving and Chamfering:**

• Soft Wood
• Hard Wood
• Laminated Chipboard and MDF
• Plywood Veneer
• Solid Surface
• Synthetic and Homogenous Marble
• Carbon Fiber
• and more ....

Excellent for Engraving:

• Soft Wood
• Hard Wood
• Laminated Chipboard and MDF
• Plywood Veneer
• Solid Surface
• Synthetic and Homogenous Marble
• Carbon Fiber
• Aluminum, Brass & Copper
• Titanium
• Metal Alloys that don't contain Iron
• Plastics
• PCB Board
• Phenolic
• HDPE
• King Starboard® / Marine Building Material
• and more ....

Benefits of Diamond Technology

• Improved cycle times by enabling high material removal rates
• Faster speeds and feeds compared to conventional cutting tools
• Improved work-piece quality with tight dimensional control
• Optimized machine tool efficiency by increasing production capacity
• Consistently good component surface finish
• Can be reground up to 5 to 7 times
• Wear rate is much less than the carbide tipped tools

Warning: Maximum recommended material depth in one pass varies from 0.5mm - 3.0mm depending on the hardness of the material. The harder the material the less the depth.

SPECIFICATIONS

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Manufacturer	Amana Tool
Diameter	1/2 in
Diameter (D1)	0.1 in
B1	1/4 in
Cut Height, Length, or Width	3/8 in
Flute	1
Note	Warning: Maximum recommended material depth in one pass varies from 0.5mm - 3.0mm depending on the hardness of the material. The harder the material, the less the depth.
Overall Length	2 1/4 in
Shank	1/4 in
Angle	90 deg