

## Edge of Arlington Saw & Tool, Inc.

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### Item #DRB 504, Amana Tool CNC Polycrystalline Diamond (PCD) Corner Round for Composites 1/4" Radius x 1" Dia x 1/4" Shank (Industrial)

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 diamond router bits will cut a wide variety of tough, abrasive materials. The cutting edge lasts up to 100 times longer than carbide; in the long-run, PCD is the most economical choice.

#### **Excellent for Corner Rounding:**

- Fiberglass Reinforced Composites
- Lightweight composites
- Custom composite materials
- Fiber-reinforced urethane
- Fiber-reinforced structural foam floors
- MDF
- Chipboard
- Wood
- Laminates

#### **Benefits of Diamond Technology**

- Improved cycle times by enabling high material removal rates
- Faster speeds and feeds compared to conventional cutting tools
- Improved workpiece 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

SPECIFICATIONS	
Manufacturer	Amana Tool
Diameter	1 in
Cut Height, Length, or Width	1/2 in
Flute	2

SPECIFICATIONS	
Includes	Ball Bearing Guide
Overall Length	2 1/16 in
Radius	1/4 in
Shank	1/4 in