

Edge of Arlington Saw & Tool, Inc.

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Amana Tool Straight Plunge Downshear Polycrystalline Diamond (PCD)-Tipped Single Flute Router Bits

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 double flute straight plunge router bits will groove and joint 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 Cutting: Aluminum Aluminum Composites Aluminum Composite Material (ACM) Composites Composite Panels Custom Composite Materials (CCM) Fiberglass Fiberglass PCB Board Fiberglass Reinforced Composites Fiber-Reinforced Urethane Fiber-Reinforced Structural Foam Floors Hard and Soft Wood Lightweight Composites MDF Plastic Benefits of Diamond Technology Harder cutting edge provides higher resistance to wear Cut thousands of feet more than carbide without changing tool saving setup time Optimized machine tool efficiency Quality of finish is often significantly improved

Item #	Manufacturer	Diameter	Cut Height, Length, or Width	Flute Geometry	Flute	Overall Length	Shank	Price
DRB-421	Amana Tool	1/4 in	1/2 in (12.32mm)	Downcut	1	2 3/8 in	1/4 in	\$177.89
DRB-422	Amana Tool	3/8 in	5/8 in (15.35mm)	Downcut	1	3 in	3/8 in	\$190.58
DRB-423	Amana Tool	1/2 in	5/8 in (15.00mm)	Downcut	2	2 3/4 in	1/2 in	\$200.12