

Edge of Arlington Saw & Tool, Inc.

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Amana Tool CNC PCD Compression Up/Down Shear Diamond-Tipped 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. Our 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. Diamond-tipped compression with carbide plunge point router bits for grooving, jointing & rabbeting in composites, MDF (both raw or with melamine), laminate, plastic, wood, veneers, and more. Up/Down-shear for double-sided material. **Excellent for**

Cutting:

- Fiberglass Reinforced Composites
- Lightweight composites
- Custom composite materials
- Fiber-reinforced urethane
- Fiber-reinforced structural foam floors
- 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 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

Item #	Manufacturer	Diameter	Flute Geometry	Flute	Length	Overall Length	Rotation	RPM	Shank	Style	Price
DRB-200	Amana Tool	1/2 in	Upcut/Downcut	1+1	1 3/8 in Shank Length	2 3/4 in	Right	30,000	1/2 in	Compression with carbide plunge point	\$185.09

DRB-208	Amana Tool	1/2 in	Upcut/Downcut	1+1	1 3/4 in Shank Length	3 3/4 in	Right	30,000	1/2 in	Compression with carbide plunge point	\$191.16
DRB-212	Amana Tool	5/8 in	Upcut/Downcut	1+1	1 3/8 in Shank Length	2 7/8 in	Right	27,000	1/2 in	Compression with carbide plunge point	\$205.25
DRB-224	Amana Tool	3/4 in	Upcut/Downcut	1+1	2 in Shank Length	3 3/4 in	Right	24,000	3/4 in	Compression with carbide plunge point	\$239.45
DRB-216	Amana Tool	5/8 in	Upcut/Downcut	1+1	1 3/4 in Shank Length	4 in	Right	27,000	5/8 in	Compression with carbide plunge point	\$228.02
DRB-192	Amana Tool	3/8 in	Upcut/Downcut	1+1	1 1/2 in Shank Length	3 in	Right	24,000	3/8 in	Compression with carbide plunge point	\$162.86