

Compression Spiral DLC Router Bit

3.175x12 6D 1F - ULTRACLEAN

Built for clean cutting, burr-free edge quality and professional results across ACM panels, joinery materials and non-abrasive composite applications.

- Compression geometry - Up-cut and down-cut flutes help produce burr-free edges on top and bottom surfaces.
- DLC low-friction coating - Reduces chip welding, heat build-up and friction for cleaner, more consistent cuts.
- 1-flute chip evacuation - Stable cutting with reliable swarf removal on large panels and big shapes.

Key Specifications

Diameter	3.175 mm
Cut Length	12 mm
Shank (Collet Size)	3.175 or 6 mm
Overall Length	50 mm
Flutes	1
Flute Style	Compression spiral geometry
Coating	DLC (Diamond-Like Carbon)

Recommended Use

Best suited to CNC routing of ACM and ACP panels, pre-applied vinyl panels, foamed PVC, MDF, plywood, laminates, solid timber and non-abrasive composites.

Production focus: clean burr-free edges, reduced chip welding, easy swarf clean-up and consistent finish across larger panel runs.

3.175 x 12 mm | 1 Flute | 50 mm OAL

Product information compiled from Atlas Tools product listing and supplied product photo. Confirm specifications against current application requirements before machining.

Best practice

Keep stick-out minimal. Use rigid workholding, quality collets and lead-ins.

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