

Compression Spiral PCD Router Bit

12x25 3F - ULTRAFAST

Built for clean cutting, reliable tool life and professional results across plywood, MDF, solid timber, laminates and abrasive composite materials.

- **Compression geometry** - Up-cut and down-cut flute geometry helps produce clean top and bottom edges.
- **PCD diamond edges** - Engineered for long life in abrasive materials and high-volume production.
- **High-speed productivity** - Stable cutting edges support higher speeds and consistent finish over long runs.

Key Specifications

Diameter	12 mm
Cut Length	25 mm
Shank (Collet Size)	12 mm
Overall Length	70 mm
Flutes	3
Flute Style	Compression spiral PCD geometry
Cutting Edge	PCD diamond tipped
Shank Material	Carbide (higher-speed cutting)

Recommended Use

Best suited to high-production CNC routing in plywood, MDF, solid timber, laminates, particleboard, HDPE, foamed PVC, fibreglass, Thermolite and abrasive wood/composite panels.

Production focus: longer tool life, cleaner edges, fewer tool changes and consistent finish over long runs.

12 x 25 mm | 3 Flute | 70 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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Product page