

These double-fluted spiral router bits have a downward cutting action that shears cross-grain fibers cleanly and with no surface tear-out, ensuring crisp, sharply defined edges.

The narrow web of the bits makes them best suited to shallow, progressive cuts. Since excessive lateral pressure can result in breakage, especially with the smaller sizes, here are some guidelines on how to avoid it:

- Practice on scrap of the same material first to get a feel for how the bit is cutting.
- Cut no deeper than the diameter of the bit in a single pass.
- Feed the tool slowly. The downcut design leaves an excellent surface finish, but the tradeoff is that it does not clear debris as effectively as an upcut spiral bit. A slow feed rate will help minimize debris from packing around the bit and reduce shock as it encounters hard grain lines in the wood.
- Adjust the speed of the rotary tool; denser material requires a lower speed. We recommend beginning in the middle of your tool's range when first making your practice cuts. If debris is packing around the bit, increase the speed incrementally until it is cutting smoothly.
- When cutting recesses for larger inlay (e.g., a medallion or on a guitar fretboard), the smallest bits should be reserved for getting into tight corners. Most of the material should be removed with a larger diameter bit.



www.leevalley.com

1090 Morrison Drive 814 Proctor Avenue
Ottawa ON K2H 1C2 Ogdensburg NY 13669-2205
Canada United States
1-800-267-8761 1-800-267-8735