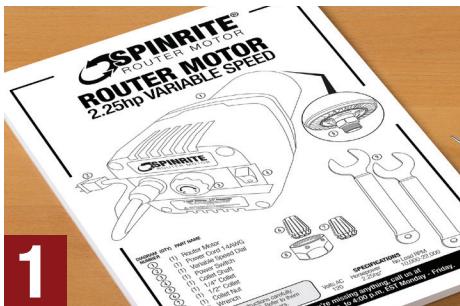


Routing Safety & Best Practices



1

Read Before You Rout.

Always refer to your router's owner's manual before using the tool or any router bits.



2

Protect Yourself.

Wear safety glasses and hearing protection, and keep loose clothing and hair away from the cutting area.

Cutting Diameter

Max R.P.M.

Up to 3/4"	24,000
3/4" to 1-1/2"	16,000
1-1/2" to 2-1/4"	14,000
2-1/4" to 3-1/2"	10,000

3

Stay Within Safe Speeds.

Never exceed the bit's maximum rated RPM. Refer to the recommended speed chart for guidance.



4

Inspect Regularly.

Check the router collet often for wear or damage and replace it if needed.

**5**

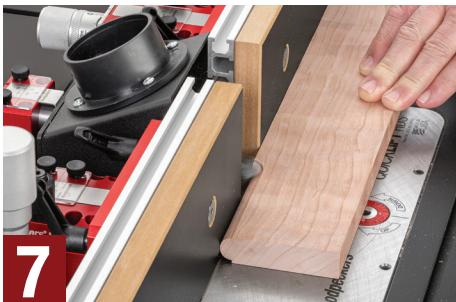
Right Tool for the Job.

Avoid using large-diameter bits in a handheld router.

**6**

Mind the Cord.

Plan your cutting path to keep clear of the power cable.

**7**

Use Guards & Fences.

Always route with a fence or starting pin whenever possible.

**8**

Secure the Setup.

Lock the router motor firmly in its base before plugging it in.

**9**

Power Off First.

Make sure the switch is OFF before connecting to power.

**10**

Check Your Stock.

Ensure the workpiece is flat and free of nails, screws, staples, grit, or other debris.

**11**

Set the Bit Correctly.

Don't bottom out the bit in the collet. Insert it fully, then pull it back about 1/8" (or to the stop line, if marked).

**13**

Start Smart.

Never power up the router with the bit touching the material.

**12**

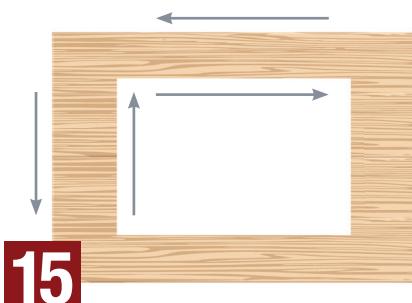
Hold It Steady.

Use featherboards to keep the workpiece tight to the table and fence.

**14**

Keep Hands Clear.

Use push blocks or push sticks to maintain a safe distance from the bit.

**15**

Feed the Right Way.

Move the router counterclockwise for outside edges and clockwise for inside cuts.

**16**

Never Climb Cut.

Always feed the workpiece against the bit's rotation.

**17**

Avoid Tiny Parts.

When possible, shape larger stock first, then cut to size. For small pieces, use a jig or clamp to hold securely.

**18**

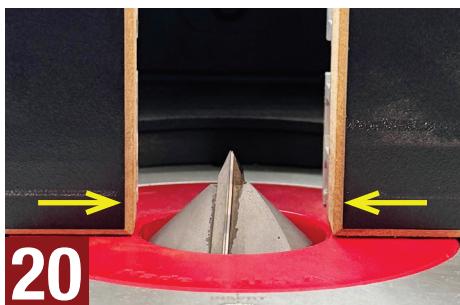
Take It in Steps.

Make several light passes to reach your final depth or profile. If the router strains, lighten the cut or sharpen the bit.

**19**

Support Narrow Ends.

Use a jig or miter gauge when routing the ends of narrow stock.

**20**

Tighten the Opening.

Minimize the fence gap for better support. Use a zero-clearance fence whenever possible.

**21**

Start Smooth.

Use a starting pin when using templates or patterns.