

Model D4777

1/2" Router Collet Extension

Instruction Sheet



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Introduction

The D4777 1/2" Router Collet Extension raises the height of router bits up to 2 1/4".

Specifications

- Collet Size 1/2"
- Extension Length 2 1/4"
- Maximum Bit Diameter 2"

Recommended Tools

Description	Qty
Open-End Wrench 18mm.....	1
Open-End Wrench 28mm.....	1

Installing Bit into Collet Extension

1. Loosen collet nut on extension base (see Figure 1).

2. Insert router bit shank fully into collet, then back it out 1/8" (see Figure 1).

▲ CAUTION: DO NOT bottom router bit into extension collet or collet nut will not fully tighten.

3. Hold extension base with 18mm open-end wrench, and tighten collet nut using 28mm open-end wrench.
4. Verify at least 3/4" of router bit shank is secured in collet.

! WARNING

Failure to follow these guidelines could result in serious personal injury:

- Always wear ANSI-approved eye protection and respirator.
- DO NOT use collet extension in hand-held or non-variable-speed routers.
- DO NOT use router collet extension with bits larger than 2" in diameter.
- Disconnect power before changing cutters or adjusting/servicing machine.
- Always keep fingers at least 6" away from spinning cutter.
- Always feed workpiece against rotation of cutter.
- Always follow all safety guidelines set forth by the machine manufacturer.

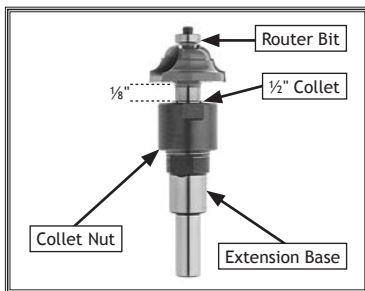


Figure 1. Model D4777 with router bit.

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Installing Extension into Router

1. DISCONNECT MACHINE FROM POWER!
2. Remove any guards/shields in place to gain access to router collet.
3. Loosen collet nut on router.
4. Insert D4777 shank fully into router collet (see Figure 2), then back it out ⅛".



Figure 2. Model D4777 installed in router.

5. Verify at least ¾" of D4777 shank is secured in router collet.

Note: Follow all manufacturer's guidelines for using router bit extensions in machine.

6. Tighten collet nut on router.
7. Re-install any guards/shields removed in Step 2.
8. Connect machine to power supply and follow all manufacturer's instructions for a typical operation.

⚠ WARNING

Serious cuts, amputation, entanglement, or death can occur from contact with spinning router bit. Improperly secured bits or spindle parts/fasteners can fly off and strike nearby operators or bystanders with great force. Flying dust or debris from cutting operation can cause eye injuries or blindness. To minimize risk of getting hurt or killed, anyone operating router **MUST** completely heed all hazards and warnings in this instruction manual.

⚠ CAUTION

Extending router bits increases the strain on the bit and the collet. It is important that you verify the bit is securely installed in the collet before using the router, or serious personal injury could result from the router bit or flying debris. When using an extended router bit, decrease the cutting depth and make additional passes on the workpiece.