

# TAMBOUR ROUTER BIT SET

~ Read all directions carefully before starting ~

## MAKING AND ROUTING THE SLATS:

1. Plane stock (5/8" thick for slats, 3/4" thick for lead strip).
2. Rough cut length.
3. Cut stock to width (1" wide for slots, 2" wide for starter strip).
4. Set height of bit "A" as shown in Figure 1 and rout one edge of each slat and top edge of starter strip.

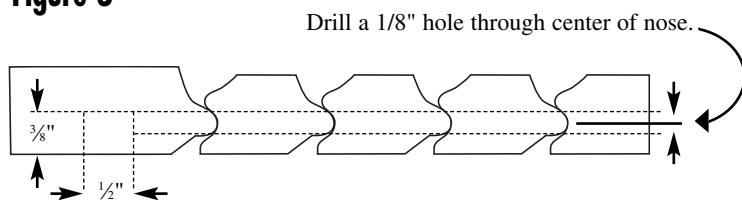
**NOTE: Routing is done with the finished side up.**

5. Set bit "B" as shown in Figure 2 and route opposite side of each slat.

**NOTE: Routing is done with the finished side up.**

6. Cut starter strip to final length (Note special requirements in step 11).
7. Cut slats to final length (Note special requirements in step 12).
8. Drill 1/8" holes through each slat for cable. It's recommended that the outer cables be placed 6" to 8" from slats end. Add a third cable if slats exceed 30" in length. See figure 3.
9. The starter strip requires the same 1/8" hole to intersect a 1/2" wide x 3/8" deep hole, used to hide the crimp sleeves. Be aware the starter strip is shorter than the slats... compensate for this when drilling 1/8" hole. See Figure 3. Finish by plugging the 1/2" hole to hide all construction.

**Figure 3**

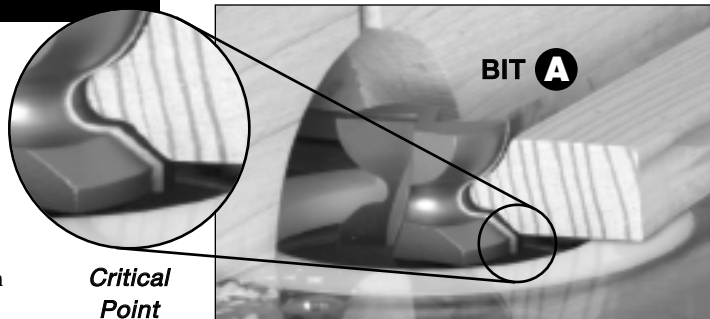


## ASSEMBLING THE TAMBOUR DOOR:

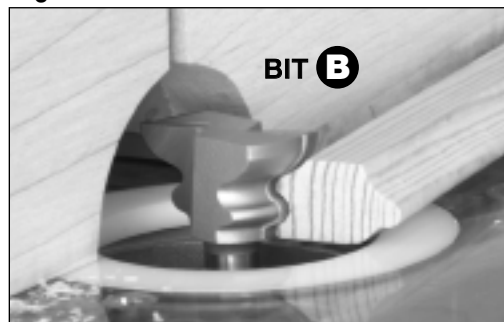
10. Route 3/8" wide x 7/16" deep grooves in the panel that will support the tambour.
11. The starter strip length is equal to the desk or cabinet opening. The starter strip is held in the 7/16" groove by dowels. Use a doweling jig to drill two 3/8" x 1-1/8" deep hole on each end of starter strip. (Note: dowels must be positioned directly in-line with the tenons) Glue a 3/8" x 1-1/2" dowel in each hole. See Figure 4.
12. Remove material on the face at each end of the slats to create 5/16" x 3/8" long tenons that will be held in the 7/16" groove. See Figure 4.
13. With a crimp sleeve firmly attached to cable begin threading the cable through the starter strip and all slats. Pull the cables tight and secure each with a crimp sleeve on the outside of the last slat.

**Safety Reminder:** Work safe, always wear eye protection and follow router manufacturer's safety guidelines.

**Figure 1**



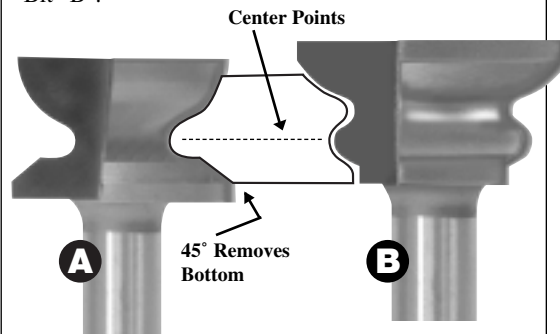
**Figure 2**



### SETTING BIT HEIGHT:

Bit **A** is positioned correctly when the 45° removes the bottom of the slat.

Bit **B** is positioned correctly when the center point of Bit "A" is on the same plane as center point of Bit "B".



**NOTE: Routing is done with the finished side up.**

**Figure 4**

