STUTS
Making it work for you.

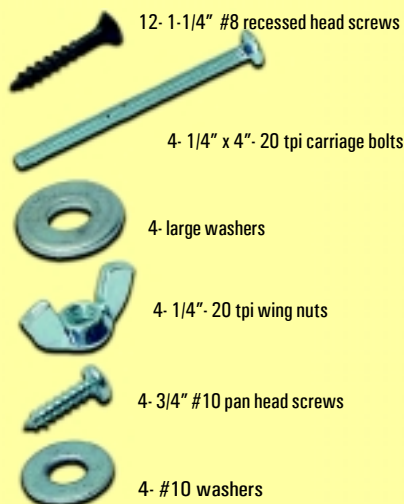## 3/4" thick MDF* boards required

Simply follow the **5 STEPS** shown to make both the **Tail jig** (S-jig3 left) and the **Pin jig** (S-jig 4 right). Both are pictured above in router table use position.

Hardware required

12- 1-1/4" #8 recessed head screws

4- 1/4" x 4"- 20 tpi carriage bolts

4- large washers

4- 1/4"- 20 tpi wing nuts

4- 3/4" #10 pan head screws

4- #10 washers

Base board
2 pieces 7"x 6"

Brace Board
2 pieces 1-1/2" x 7"

Clamp board
2 pieces 1-1/2" x 10"

Backer board
2 pieces 3-1/2" x 10"
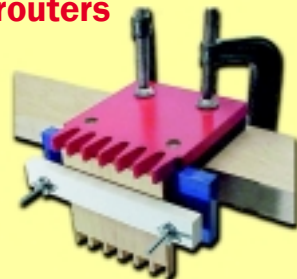
Template board
2 pieces 7" x 8"

TIP: Purchase 3/4" thick MDF (Medium Density Fiberboard) shelving from your local home building supply store

S-jig3 and S-jig4 can be used with both hand held and table mounted routers

Tail Jig
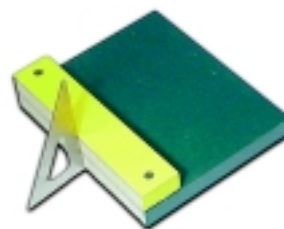**S-jig3** in Table

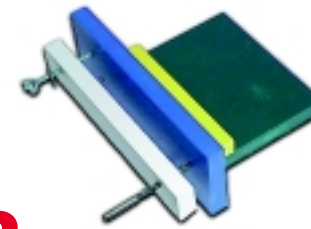**Pin Jig**
S-jig4 in Hand held

Patents Pending

How to make S-jig3 and S-jig4 .

1. Glue and screw (with two 1-1/4" screws) **base board** and **brace board** making sure that the boards are square. Pass over joiner or cut edge with table saw as shown above.
NOTE: two complete assemblies required.

2. Screw **backer board** to **base** and **brace** assembly with two 1-1/4" screws into **brace**.
CAUTION: Make sure screws will not be cut by router bit during use.
Clamp **backer board** assembly and **clamp board** together 1" up from the bottom edge of **backer board**. Drill 5/16" holes 1-1/4" from each edge of **clamp board**. Insert carriage bolts from back, add large washers and wing nuts.
*NOTE:* Two complete assemblies required.

Tail Jig

Pin Jig

Tail Template

3. Screw Template Master™ to **template** blanks with two 3/4" #10 screws and two #10 washers **2 inches from back edge**. Rout template blanks with pattern bit to make working **templates**.
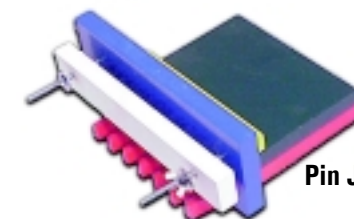
4. Drill underside of both working **templates** with 3/4" diameter drill bit 1/2" deep and with 3/8" diameter drill bit through holes.

Pin Template
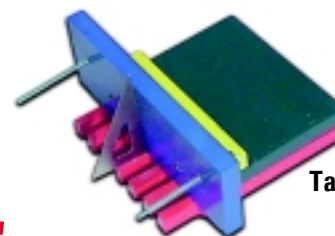
Tail Jig

Pin Jig

5. Attach working **templates** to **backer board** assemblies with two 3/4" #10 screws and two #10 washers. Use paper spacers between **base** and working **template** to square **backer** to **template**.
See *User's Manual* for aligning working **templates** 1/4" from the edge of the backer board assembly. Refer to *User's Manual* to make test cut (pages 10-13) and How to adjust working jigs (pages 14-15). After adjusting use the remaining four 1-1/4" screws to lock **templates** in place.