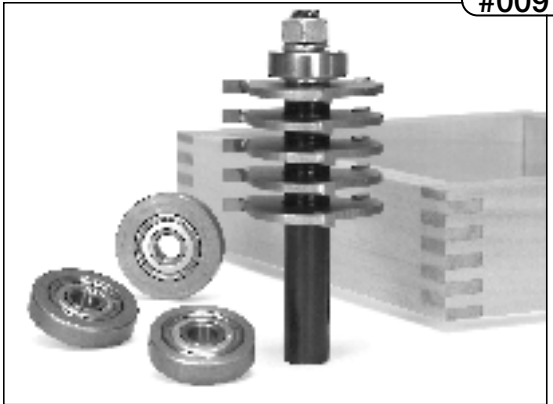


BOX JOINT BIT INSTRUCTIONS

Our adjustable box joint bit allows you to cut perfect $\frac{5}{32}$ " box joint fingers on stock up to $1\frac{9}{16}$ " wide in one pass and up to $3\frac{1}{8}$ " wide in two passes. By changing the bearing guide you to cut four different stock sizes (see chart below). For odd size stock thicknesses, simply adjust your router fence. Follow instructions carefully before beginning operation. **FOR USE IN ROUTER TABLE ONLY.**



Parts List:

Qty	Description
1	$3\frac{7}{8}$ " L x $\frac{1}{2}$ " Shank Arbor
5	$\frac{5}{32}$ " Kerf Carbide Tipped Slot Cutter
4	Spacers
5	Washers

Ball Bearing Guide:

Use $\frac{7}{8}$ " Dia. for $\frac{1}{2}$ " Depth of cut or stock size

Optional Ball Bearing Guides:

- Use $1\frac{1}{8}$ " Dia. for $\frac{3}{8}$ " Depth of cut or stock size
- Use $1\frac{1}{4}$ " Dia. for $\frac{5}{16}$ " Depth of cut or stock size
- Use $1\frac{3}{8}$ " Dia. for $\frac{1}{4}$ " Depth of cut or stock size

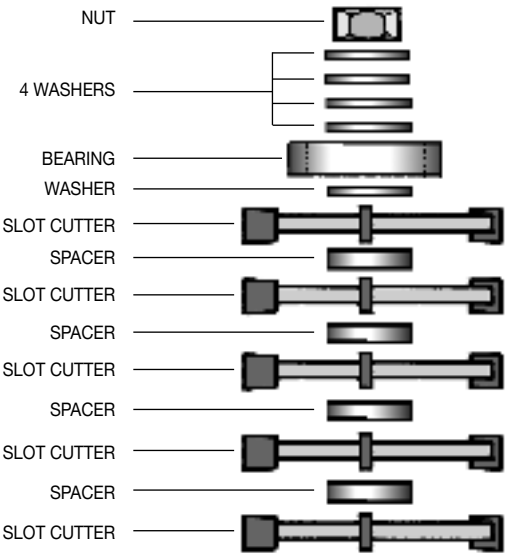


Fig.#1

SHOP NOTES:

- Always use a miter gauge or push block fixture and clamps to properly support the material when making your cuts.
- Use your router fence whenever possible.
- Make certain that stock thickness is the same for all of the pieces that are to be joined.
- We recommend the use of a "backer board" between the miter gauge and/or push block and the material to prevent tearout.
- Make certain to offset the carbide tips and tighten the arbor nut securely.

STEP #1: Select the proper bearing for the thickness of stock you will be cutting (see chart above) and assemble bit as shown in (Fig. #1).

STEP #2: Adjust cutter height to match desired finished height, (Fig. #2) up to $1\frac{9}{16}$ ".

STEP #3: Additional heights can be achieved by flipping stock to create a box joint $3\frac{1}{8}$ " tall.

STEP #4: Cutting the opposing joint requires adjusting the bits height by $\frac{5}{32}$ ".



Fig.#2

