

# CHIEF'S SHOP PLAN OF THE WEEK



## TRUNK TOTE



### WHAT YOU'LL NEED



#### LUMBER

- 1 - 1-inch round dowel
- 2 - 2x2x3
- 1 - 1x4x6
- 1 - 1x6x8

(availability will vary)

#### HARDWARE/SUPPLIES

- 1 1/4" brads
- Kreg 1 1/4" pocket hole screws
- wood glue
- wood filler, choice of finish

#### TOOLS

- table saw, miter saw
- sander/belt sander
- drill/driver
- drill press (optional)
- 1" Forstner bit
- Kreg Jig
- flush-cut saw
- clamps
- square

## ABOUT THESE PLANS

On this first page you will see above the project complete. On one of the last two pages you'll find the finished outer dimensions. Be sure to read ALL of the project steps before you start.

To the right is a list of the Lumber, Hardware/Supplies, and Tools you will need to complete this project. A measuring tape and pencil are not included because that should be pretty standard and self explanatory.

Below What You'll Need is the Parts list. This also is included on the Cutting Diagram page, which is the last page of this plan document. Also on the Cutting Diagram page is an estimate of the cost of the lumber. This estimate doesn't include any other supplies and does not factor in sales tax.

Throughout these plans you'll find the icons below:



### LAYOUT

This indicates a diagram detailing the dimensions of a project part and/or the placement for pocket holes, screws, nails, etc.



### NOTE

Notes are the instructions for a particular step/section of the project.



### TAKE CARE!

This indicates when to pay close attention to the diagrams, take precautions for safety, etc.



### MORE PLANS

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### PARTS

- stiles (4) - 1 1/2 x 1 1/2 x 14
- handles (2) - 1 x 14
- top end rails (2) - 3/4 x 3 1/2 x 9
- bottom end rails (2) - 3/4 x 5 1/2 x 9
- top side rails (2) - 3/4 x 3 1/2 x 16
- bottom side rails (2) - 3/4 x 5 1/2 x 16
- slats (2) - 3/4 x 4 3/8 x 16 3/4

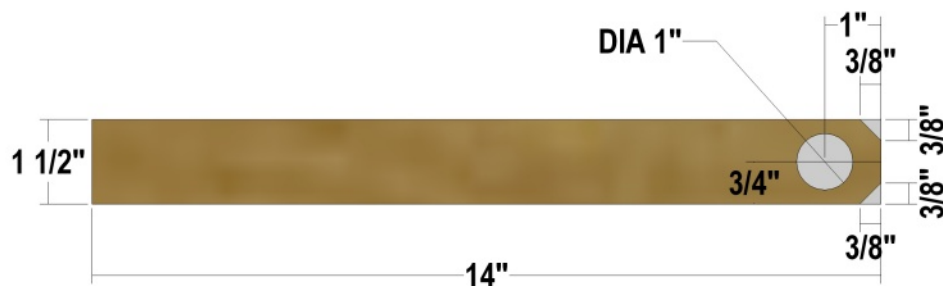
All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

### VIDEO

Check out Chief's Shop Videos on YouTube. ([click here](#))

## TRUNK TOTE

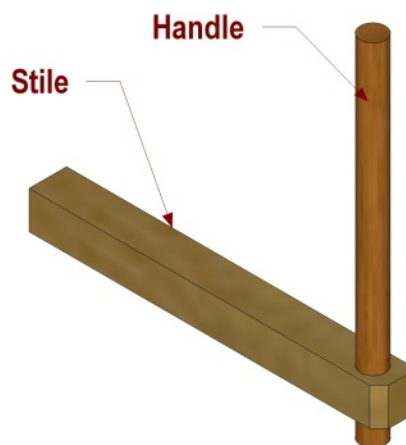
### Stile



### LAYOUT

### NOTE

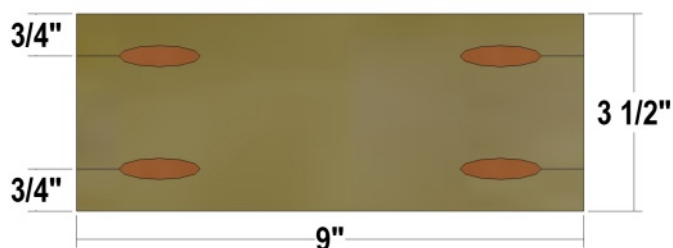
Use the layout for creating the Stiles. Cut the corners at 45 degrees and drill the 1" hole using a Forstner bit.



### NOTE

Sand a slight bevel on the ends of the Handles and insert into the opening in the Stiles. Use a wooden or rubber mallet to help drive the Handles so that about 1" extends beyond the stile.

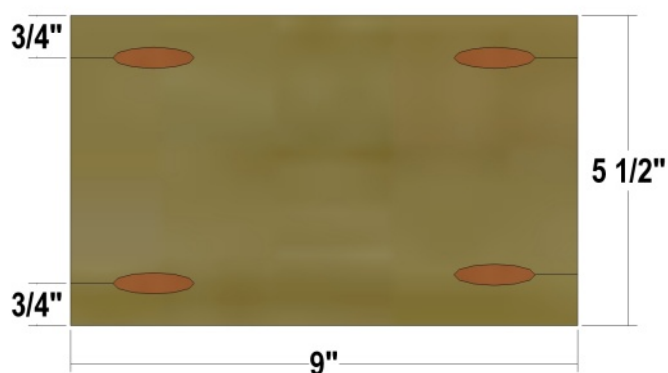
### Top End Rail

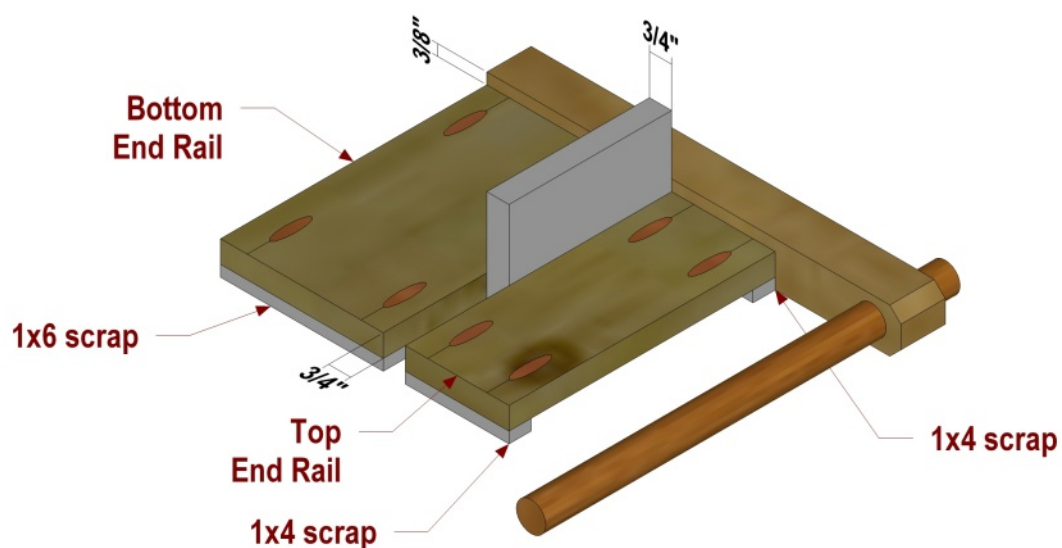


### NOTE

Use the layout for creating the Top End Rails and Bottom End Rails. **Set your Kreg Jig and drill bit for 3/4" stock.**

### Bottom End Rail

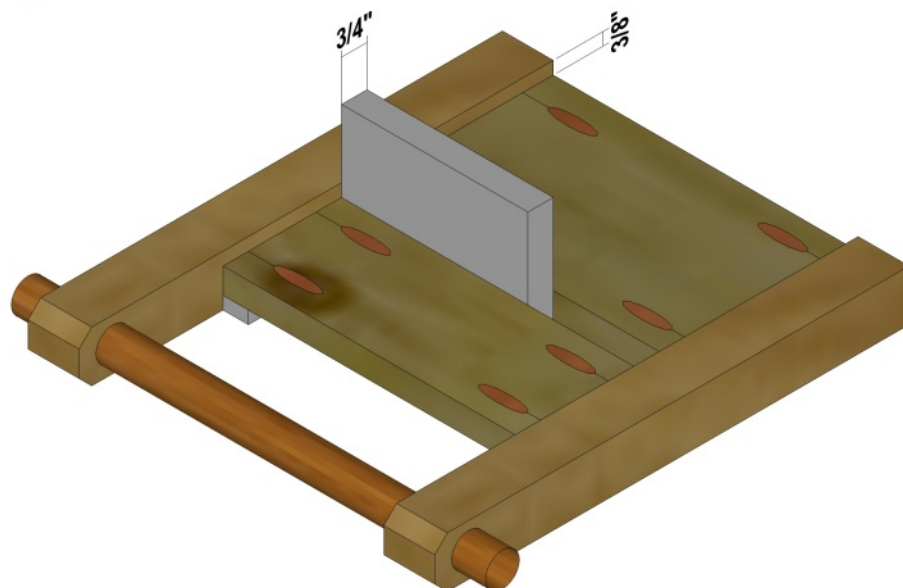




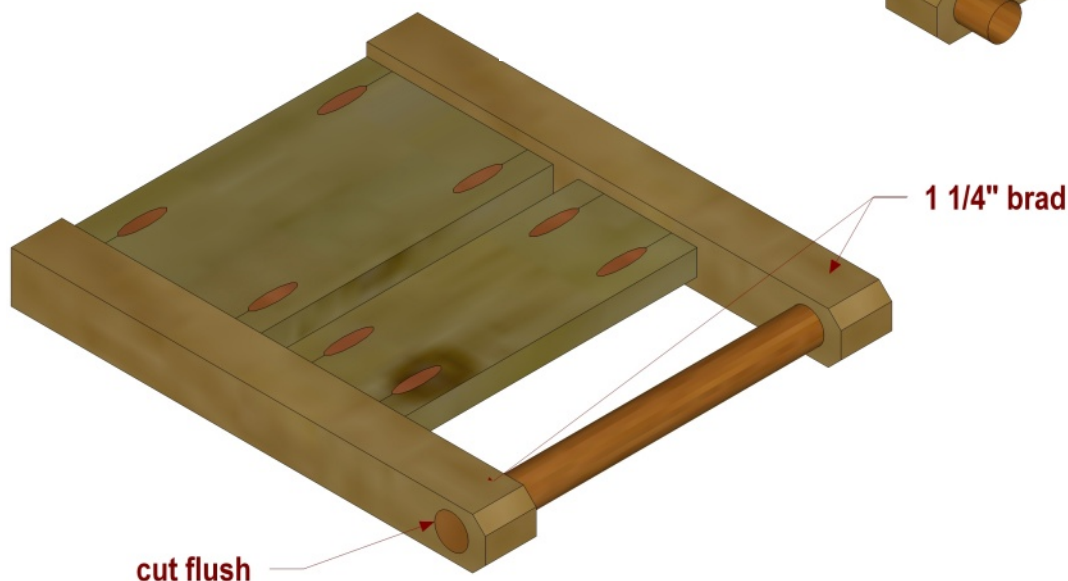
**NOTE**  
Using a miter saw, cut spacers from the 1x4 and 1x6 to 3/8" wide. Use these in positioning the Top and Bottom End Rails as shown at left. Apply glue to the ends of the Rails and attach them to the Stile using 1 1/4" pocket hole screws.



Place a second Stile on the assembly as shown at right, making sure to apply glue to the ends of the Rails first. Attach the Rails to the other Stile using 1 1/4" pocket hole screws.

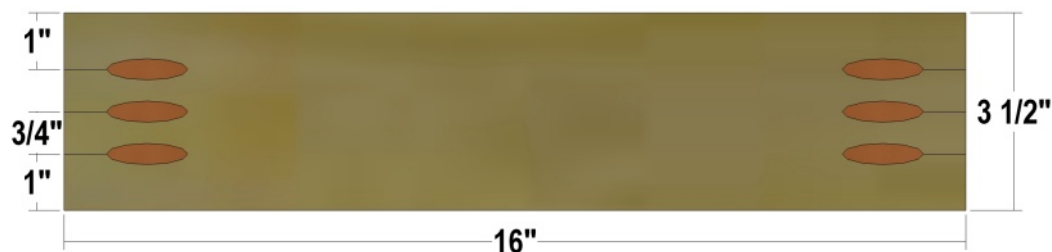


**NOTE**  
Use a flush-cut saw to cut the ends of the Handle flush with the Stiles, and drive a 1 1/4" brad through the Stiles and into the Handle. Make two of these assemblies.



Top Side Rail

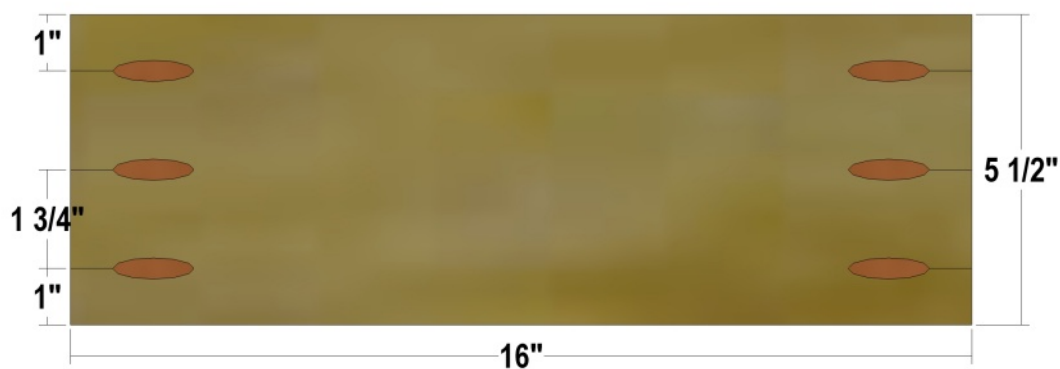
LAYOUT



NOTE

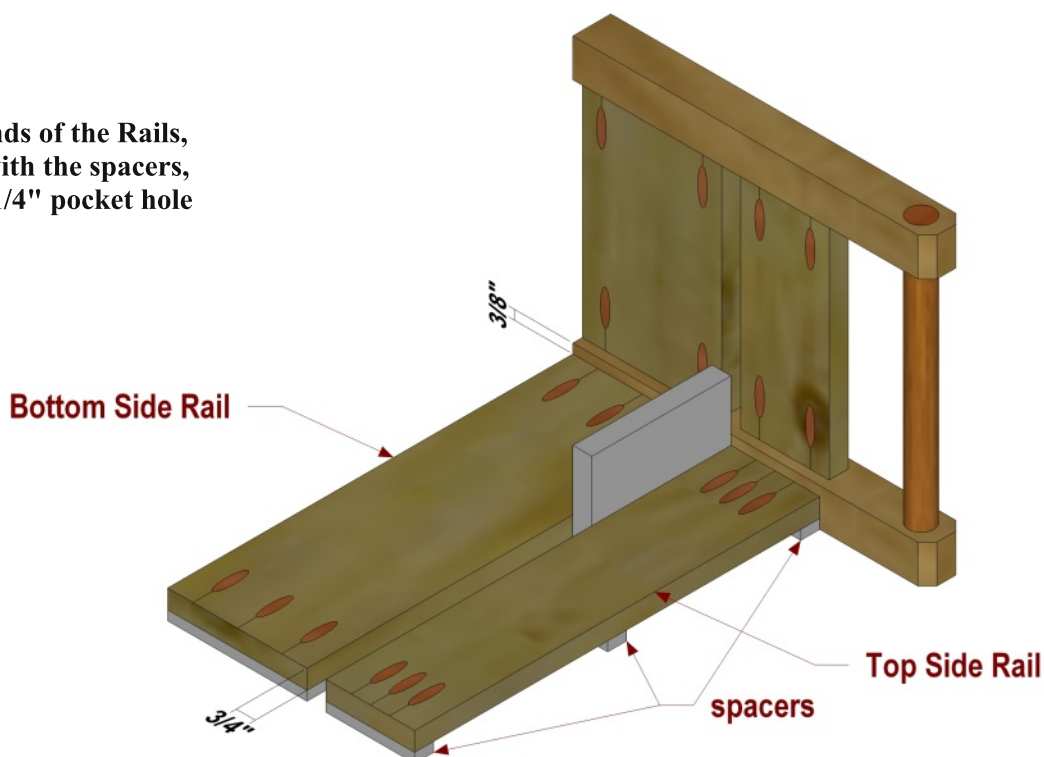
Use the layouts for creating the Top and Bottom Side Rails. Set your Kreg Jig and drill bit for 3/4" stock.

Bottom Side Rail

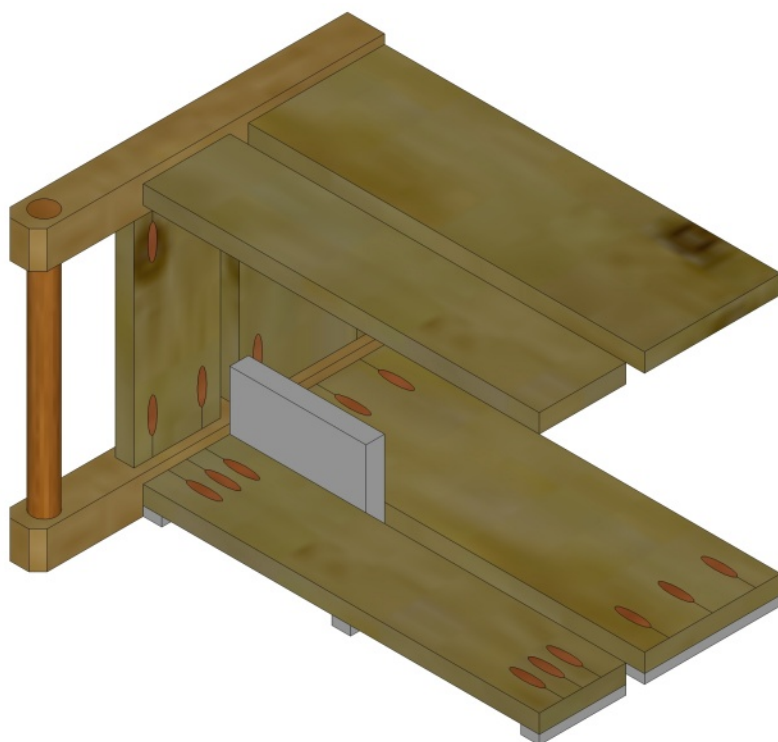


NOTE

Apply glue to the ends of the Rails, position as shown with the spacers, and attach using 1 1/4" pocket hole screws.







## NOTE

Apply glue to the ends of the remaining Top and Bottom Side Rails, position as shown at left, and attach using 1 1/4" pocket hole screws.

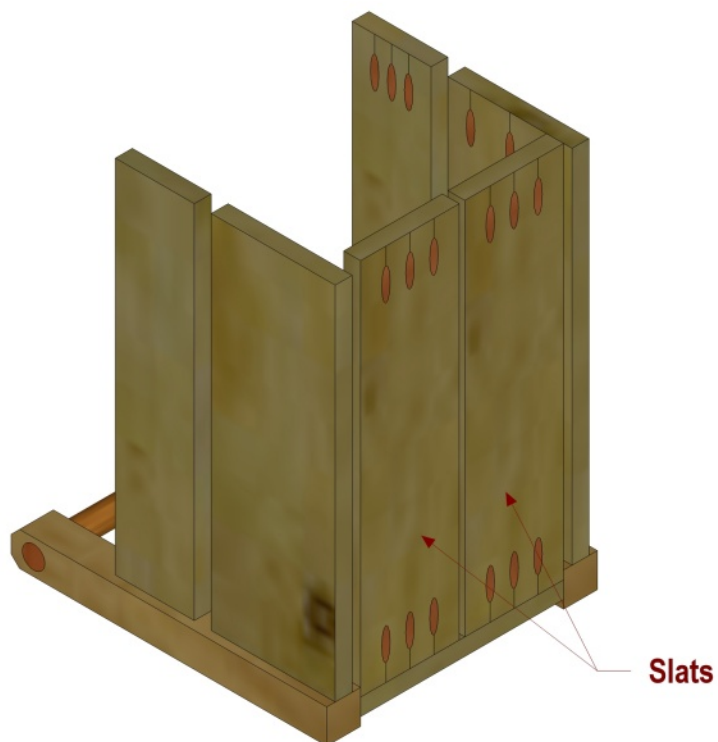
## Slat

## LAYOUT



## NOTE

Use the layout for creating the Slats. Set your Kreg Jig and drill bit for 3/4" stock.



Apply glue to the ends of the Slats, position them as shown at left (flush against the inside of the Stiles), and attach using 1 1/4" pocket hole screws.



Apply glue to the ends of the Top and Bottom Side Rails and Slats, position the remaining Stile/Handle/End Rails assembly as shown at left, and attach using 1 1/4" pocket hole screws.

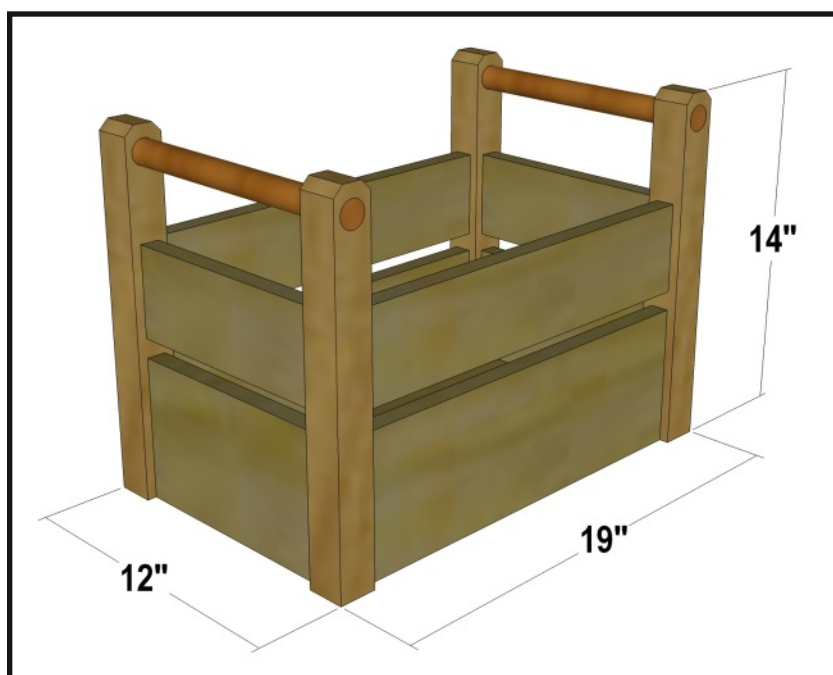
## NOTE

Also drive 1 1/4" pocket hole screws through the Top and Bottom Side Rails and into the Stiles.





## CUTTING DIAGRAM



Estimated lumber cost:  
starting at \$30  
1x - clear pine  
2x and dowel - poplar

### PARTS

stiles (4) - 1 1/2 x 1 1/2 x 14  
handles (2) - 1 x 14  
top end rails (2) - 3/4 x 3 1/2 x 9  
bottom end rails (2) - 3/4 x 5 1/2 x 9  
top side rails (2) - 3/4 x 3 1/2 x 16  
bottom side rails (2) - 3/4 x 5 1/2 x 16  
slats (2) - 3/4 x 4 3/8 x 16 3/4

All parts are listed in actual dimensions. Refer to the Cutting Diagram on the last page of this plan as a guide for determining the specific board from which to cut the parts.

## TAKE CARE!

Follow **ALL SAFETY GUIDELINES AND RECOMMENDATIONS** provided by the manufacturers of your tools, and any chemicals such as glue and finishes you use in this project. **YOU** are responsible for your safety, so use common sense when working in the shop!