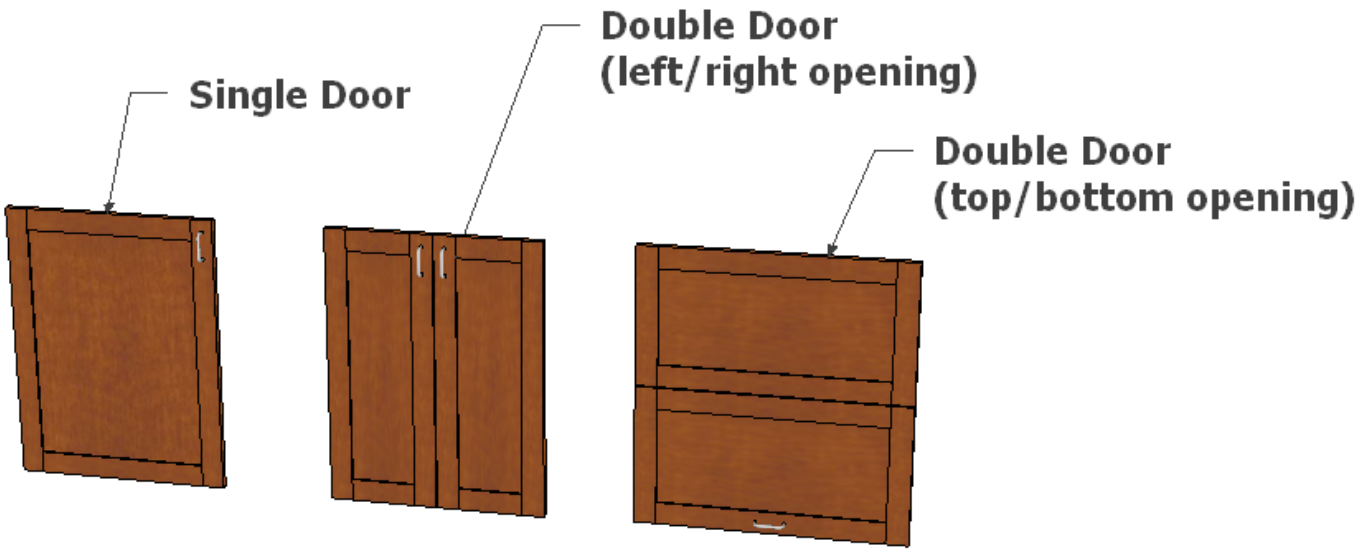
Door



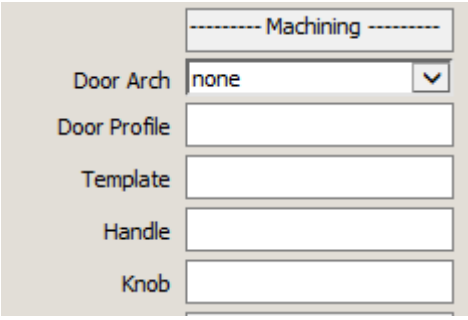
Overview

The door is placed inside the cabinet. Its height and width are constrained by the following components:

- Width:
  - Left End
  - Right End
  - Partition
  - Left Stile
  - Right Stile
  - Mid-Stile
- Height
  - Cabinet Top
  - Cabinet Bottom
  - Fixed Shelf (frameless cabinet only)
  - Top Rail
  - Bottom Rail
  - Mid-Rail

You can re-size the door using the SketchUp Scale Tool. After you have released the scale tool, CabinetSense will look for the new width and height constraints and calculate it final size.

Machining



Door Arch: values (None, Full, Half). When an arch is selected, the height and placement of the arch has to be specified in the Project Component.

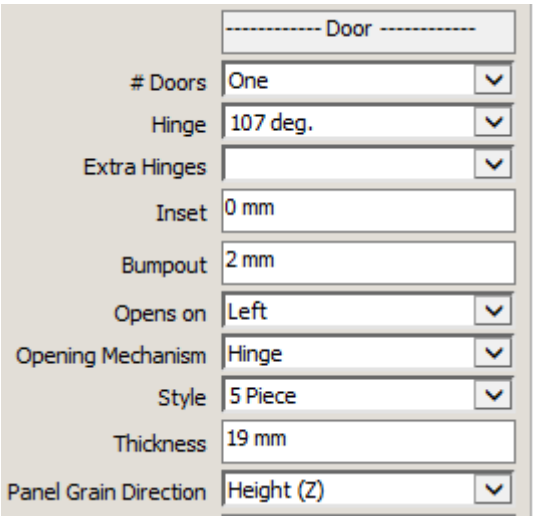
Door Profile: The pre-defined Profile that you want to render for this door.

Template: The machining template to use.

Handle: The handle drilling profile to use. If empty, it will default to whatever is in the handle machining of the project component.

Knob: The knob drilling profile to use. If empty, it will default to whatever is in the knob machining of the project component.

Door Attributes



Doors: Choice between one and two.

Hinge: select from a choice of several hinge openings.

- This controls how far the door will open when using the Dynamic Component Interact tool.
- Hinging uses this attribute to lookup the machining instructions specific to this hinge.

Extra Hinges. CabinetSense will add 2 hinges per door to the Bill of Material (BOM) report. If you need to account for additional hinges, you must add the extra hinges in this field.

Inset: How far the door is inset into the cabinet. This will also affect the drilling position of the hinge clips on your CNC.

Bumpout: The purpose of the bumpout is simulate the space between door and the cabinet caused by the plastic bumpers and/or door hinge.

It moves the entire door by the amount of the bumpout. Use a positive value to move it out from the cabinet and negtive to move into the cabinet. Hinge positioning is unaffected by this value.

Opens on: select from Left, Right, Top, Bottom or fixed. This controls where your CNC drilling is positioned as well

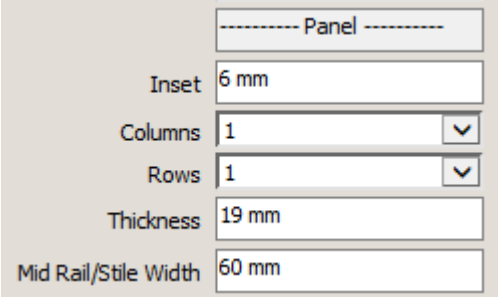
Opening Mechanism: choose between slide and hinge. CNC drilling is only activated when Hinge is selected.

Style: choose between 5-piece and slab door

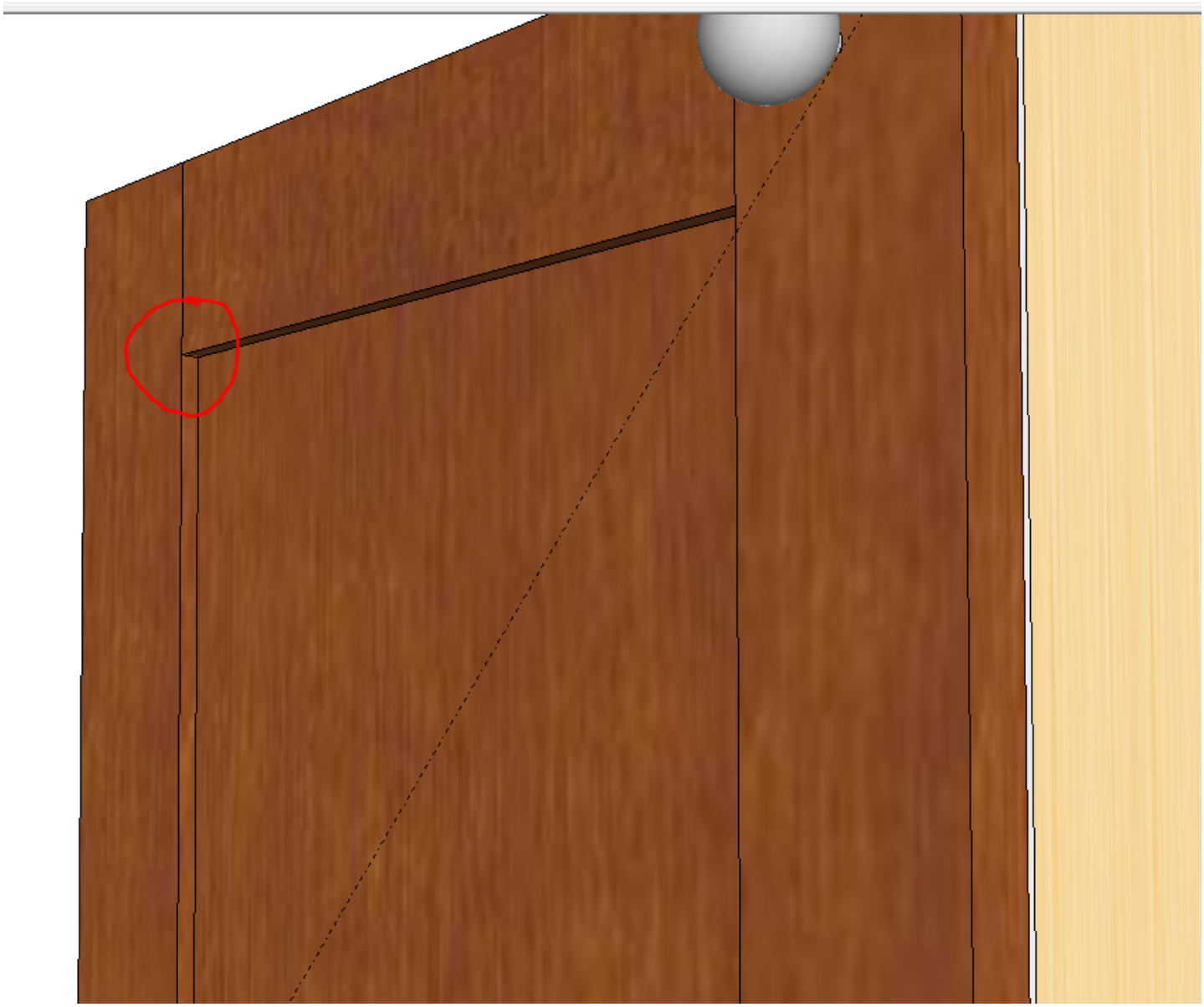
Thickness: the stock thickness of your stile, rails and panel

Panel Grain Direction: controls the grain direction of your 5-piece panel insert as well as your slab door.

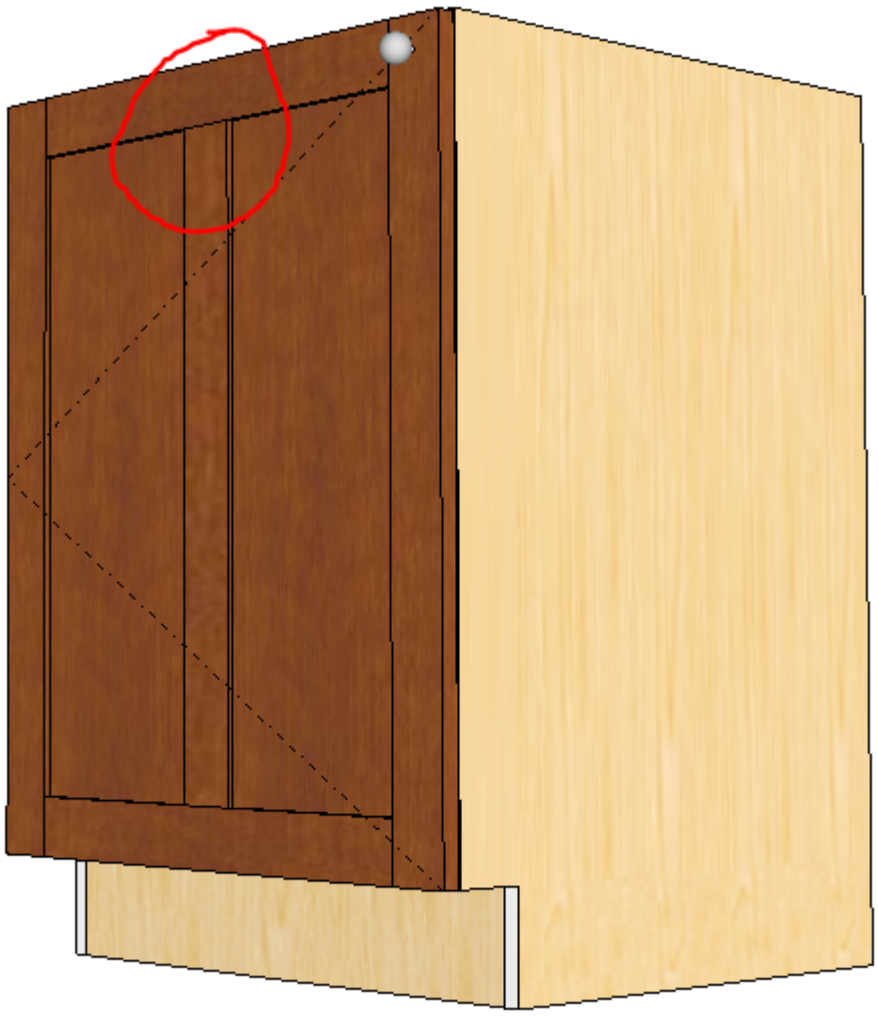
Panel Attributes



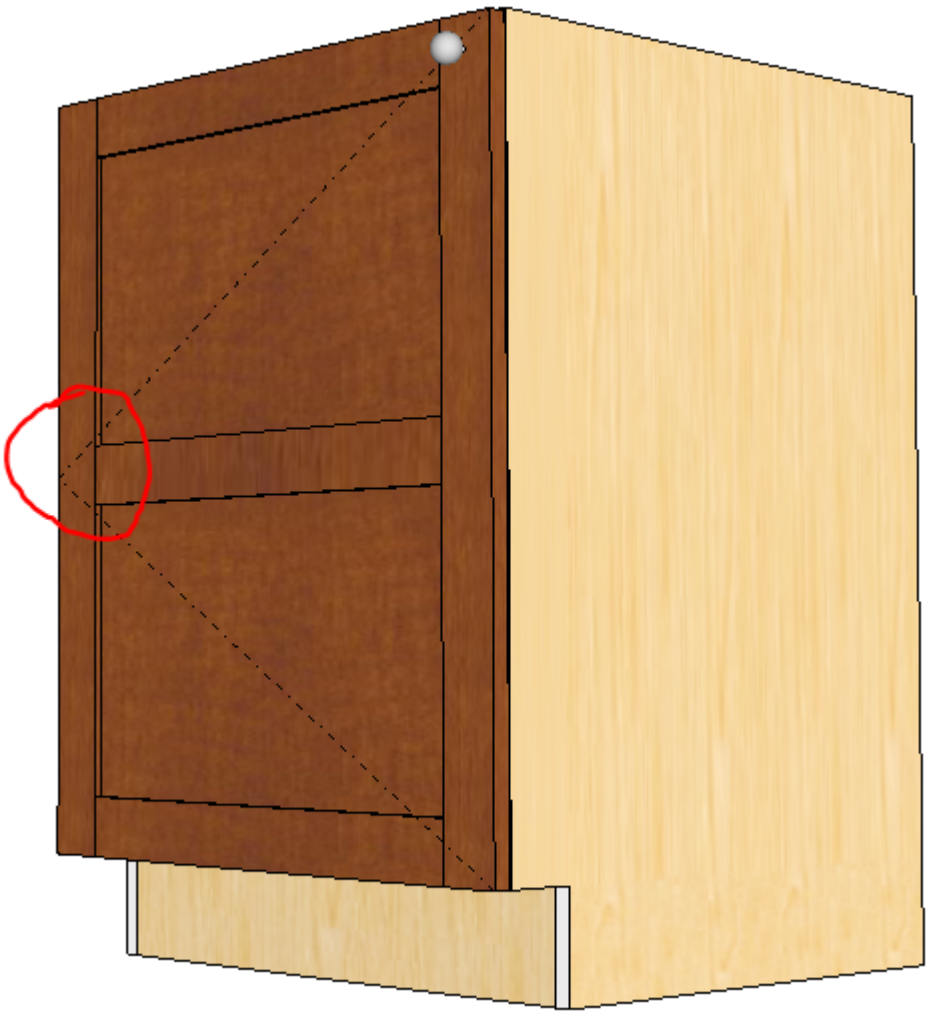
Inset: The distance that the panel is set in from the front of the door.



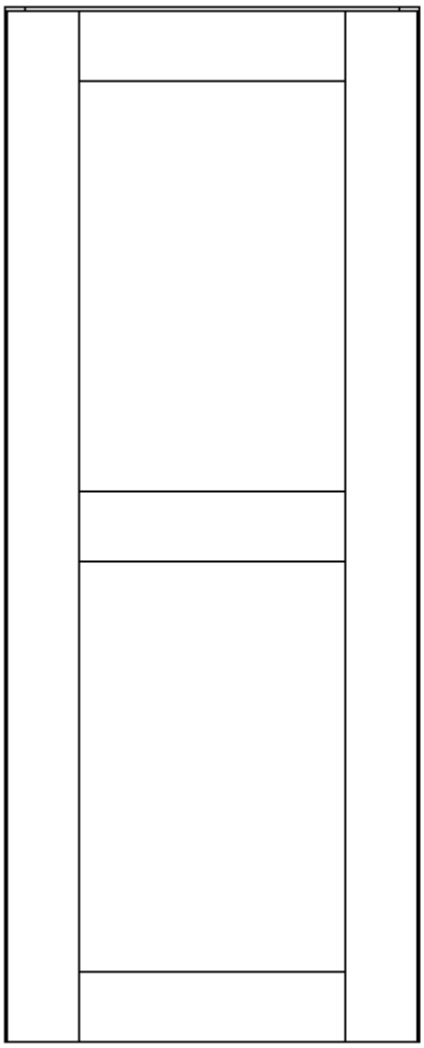
Columns: The number of mid-stiles to use. The mid-stiles are placed such that they sub-divide the panel opening equally.

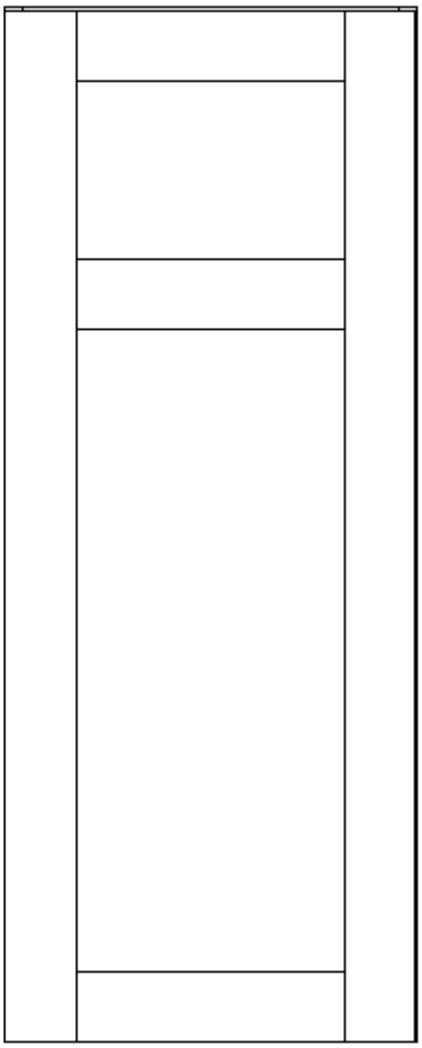


Rows: The number of mid-rails to use. The mid-rails are placed such that they sub-divide the panel opening equally.



- You can drag the mid-rails and re-position them as needed.
- CabinetSense will remember the position of the mid-rail as measured from the top of the door. (IE. if you resize the door, the mid-rail will stay positioned the same distance from the top).
- Drill down inside the door until you have selected the mid-rail that you would like to move. Select the SketchUp move tool and drag the mid-rail to the desired position.

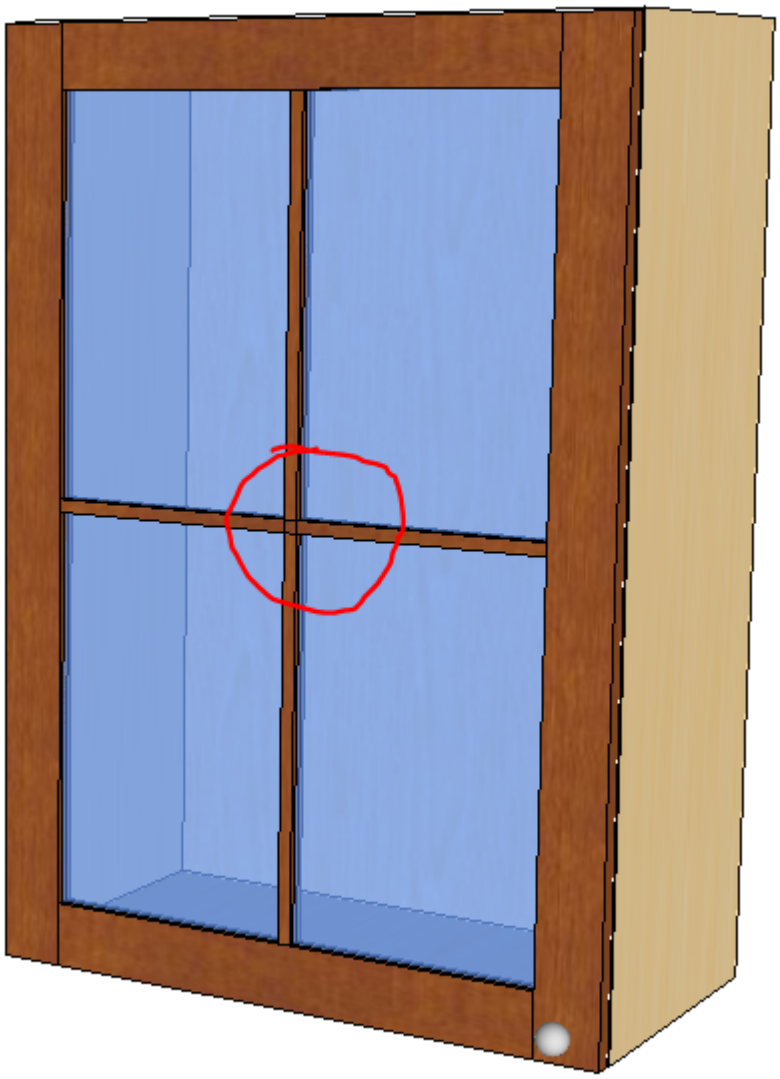




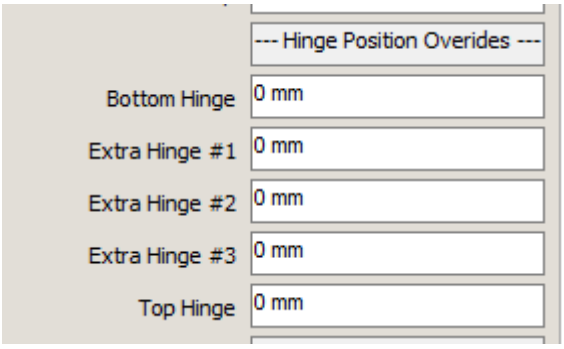
- When using more than 1 mid-rail, CabinetSense will not allow you to move one mid-rail above or below another. The mid-rail will be automatically moved back to the closest acceptable position.
- When you change the number of rows in the door, CabinetSense will reset the distances and revert back to the normal calculated positions.

Thickness: The thickness of the finsished panel.

Mid Rail/Stile Width: The width of the mid-stiles and mid-rails. By choosing a smaller width, you can approximate the look of a door with mullions.



Hinge Position Overides (CNC):



You can overide the CabinetSense calculated hinge positions on any given door by supplying your own values. The position is measured from the bottom of the door to the center of the hinge for all positions except the Top Hinge (which is measured from the top of the door down to the center of the hinge).

If you leave the value at 0 (zero), the calculated position is used. By entering a value in any (or all) of the positions, CabinetSense will create a hinge for it, regardless of whether it would have placed a hinge or not.

By entering a position, you are replacing the calculated value (if any) for that position.

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