CabinetSense Wiki

Joinery

Overview

CabinetSense supports several different joinery methods. Although all methods are available for use, only the CNC version takes advantage of all the options. The cutlist version utilizes only two of the strategies.

CabinetSense models do not visualize the actual joinery but rather only show parts that increased in size specifically due to Dadoes, Blind Dadoes and Lock Rabbets.

Joinery Methods

The following joinery methods are available:

- Butt: butt joint with undeclared joinery mechanism.
- Dowel: a butt joint using Dowels as the fastener. The CNC version will determine the locations of the dowels and export the necessary geometry to enable the drilling of these holes. CabinetSense facilitates vertical drilling on the face of the part. Horizontal boring is not supported. Dowels are always bored from the inside face of the part.
- Screw: a butt joint using screws as the fastener. CNC support is equivalent to the Dowel. Screws are drilled from the exterior face of the part.
- Confirmat: a butt joint using confirmat screw as the fastener. CNC support is identical to the Screw joinery method above.
- Reverse Dowel: same as Dowel above with the exception that the path is reversed. CabinetSenses normal path is to travel a part from left to right, front to back, and bottom to top when determining where to position hole locations. The reverse methods walk the path in reverse (right to left, back to front, and top to bottom).
- Reverse Screw: same as Screw above except that the path of travel is reversed.
- Reverse Confirmat: same as Confirmat above except that the path of travel is reversed.
- Dado: A full dado. The CNC version will export the necessary geometry so that the part receiving the dado will be grooved sufficiently to accept the dado. See image below
- Blind Dado: See image below of a blind dado. The CNC version will create the geometry to create both the dado tongue on the male end and the dado groove on the female end.
- Lock Rabbet: See image below of a lock rabbet. The CNC version will create the geometry to create both the dado tongue on the male end and the dado groove on the female end.

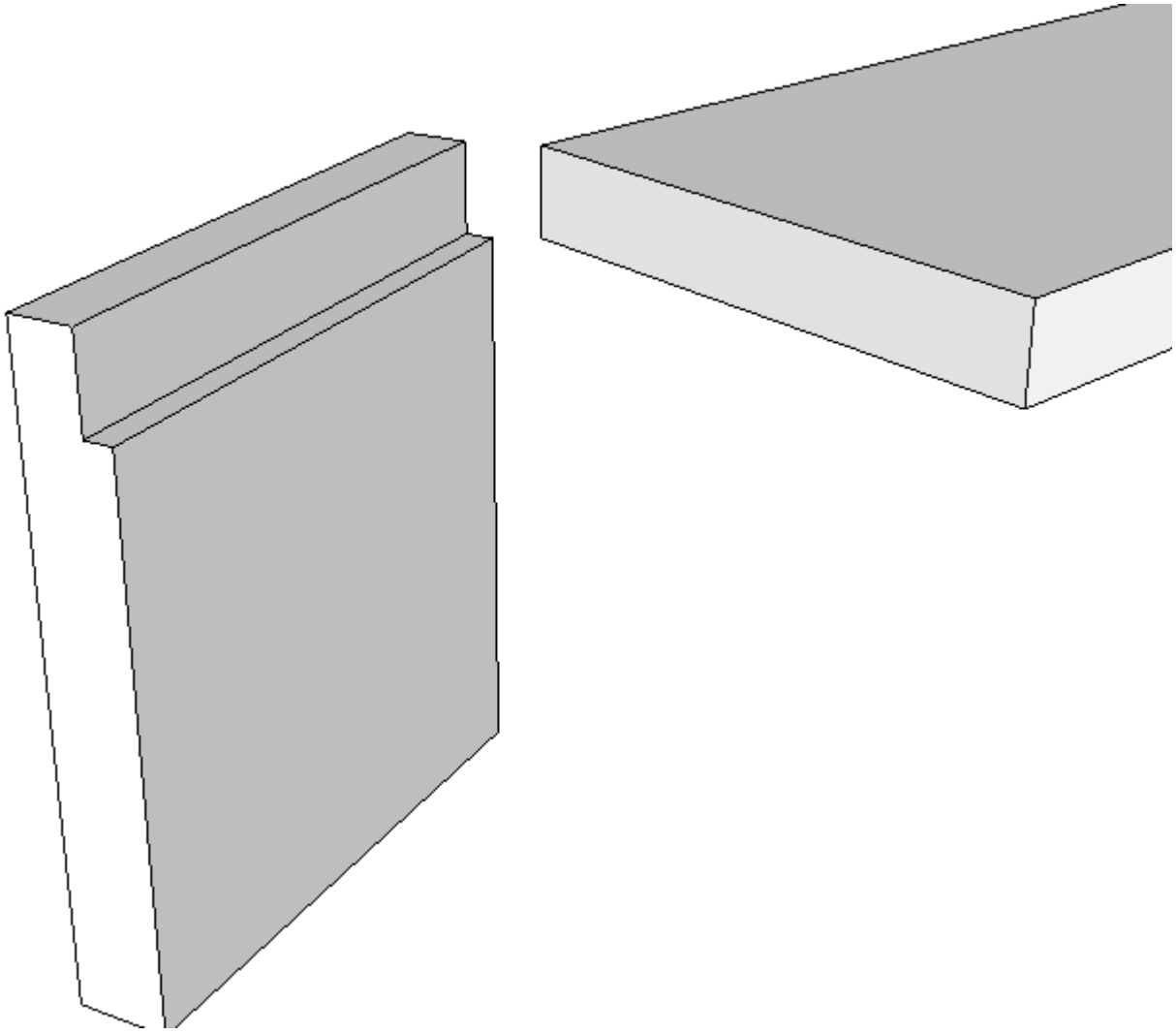
Dado Depth

Dado Depth is controlled by the Dado Depth attribute found in the cabinet component options.

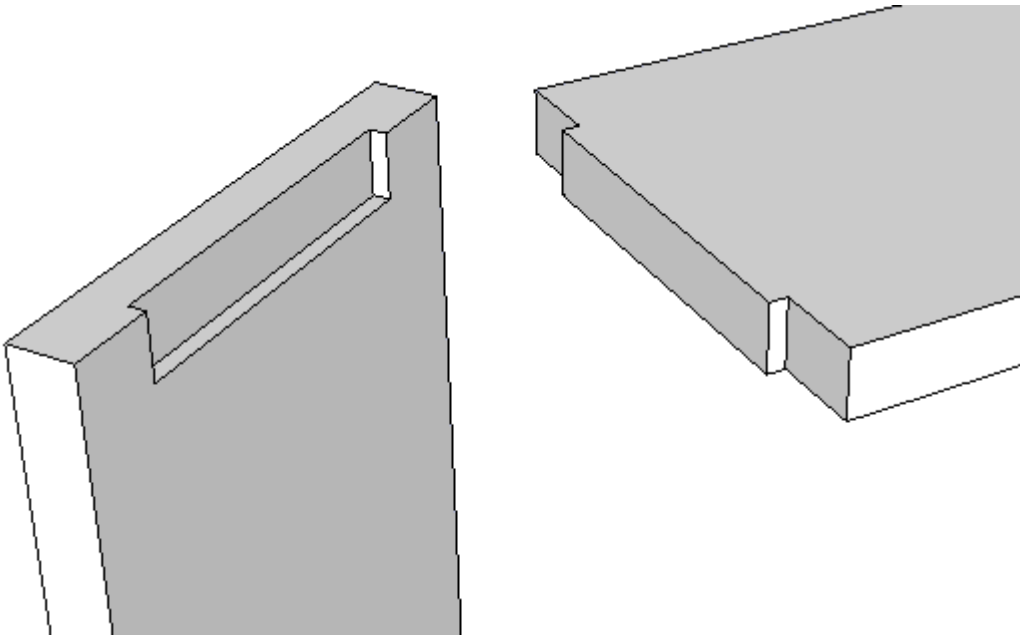
Dado Depth Overide

Every CabinetSense part that has dado properties also has a dado depth overide which, when > zero, replaces the cabinets dado depth property.

Dado Example (No Stops and no Mortise)

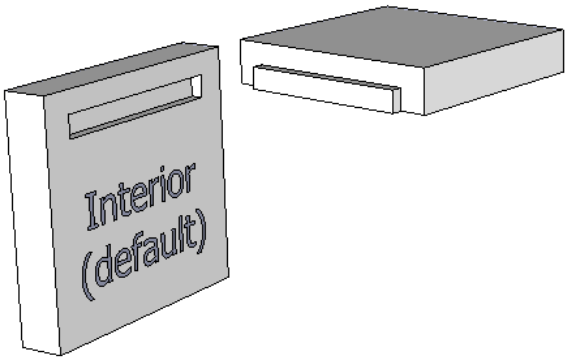


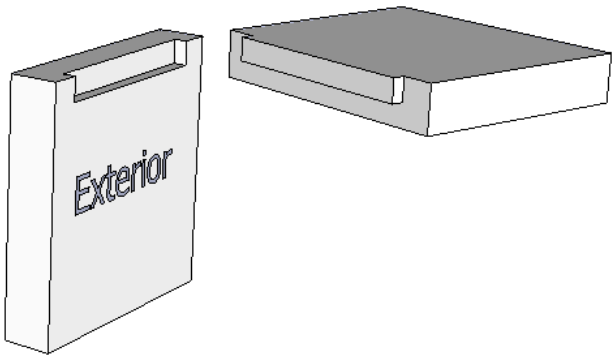
Blind Dado Example (Stops with no Mortise)



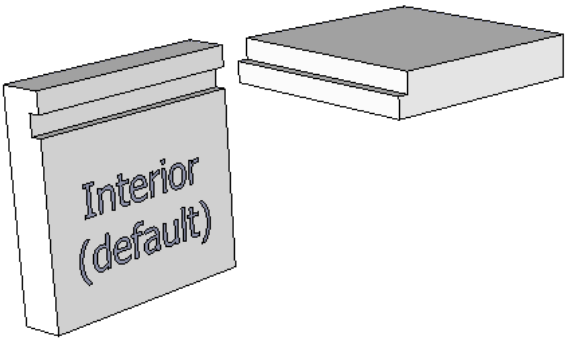
Blind Dado Example (Stops and Mortise)

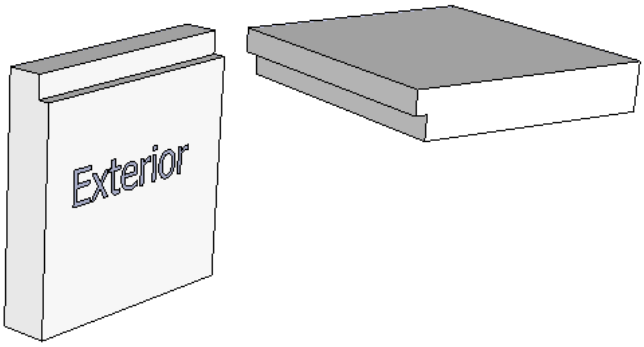
Note: you can choose the orientation of your blind dado in CNC preferences.





Lock Rabbet Example (Mortise with no stops)





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