

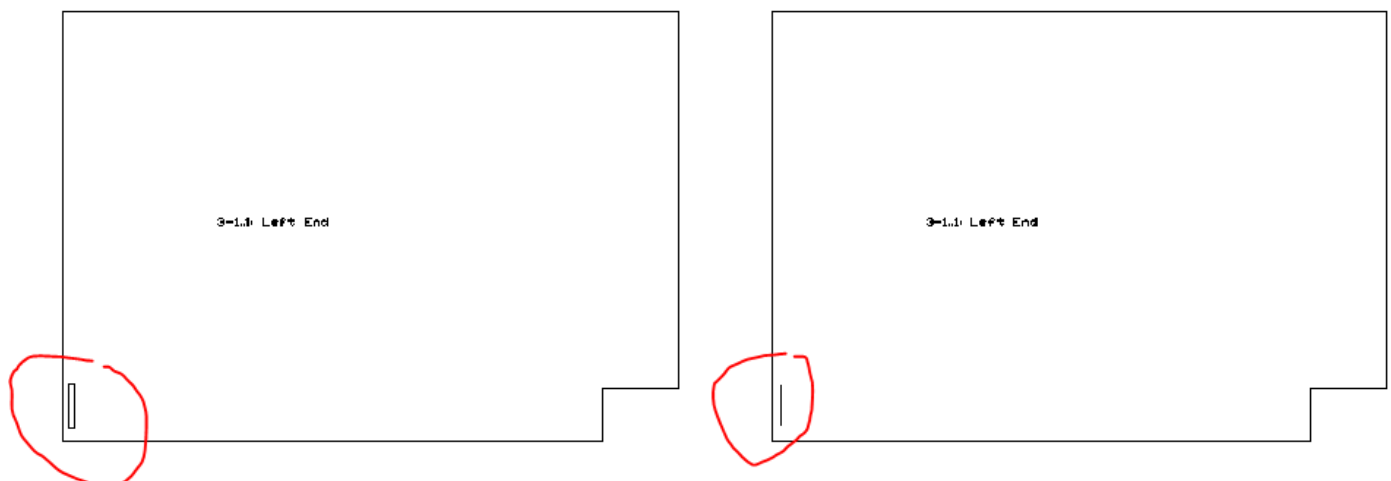
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CabinetSense Wiki

Dado Line vs Pocket Clearing Strategy



In order to use LINE DXF, you are required to make the following setting changes

CNC Layer Names

Cutout	<input type="text" value="Fast Cut"/>
Onion Skin Cutout	<input type="text" value="Slow Cut"/>
Pilaster	<input type="text" value="Pilaster"/>
Hinge Clip	<input type="text" value="Hinge Clip"/>
Drawer Back	<input type="text" value="Drawer Back"/>
Drawer Bottom	<input type="text" value="Drawer Bottom"/>
Drawer Side	<input type="text" value="Drawer Side"/>
Drawer Front Locating	<input type="text" value="Drawer Lock"/>
Shelf Pin	<input type="text" value="Shelf Pin"/>
Door Hinge	<input type="text" value="Door Hinge"/>
Slide	<input type="text" value="Slide"/>
Slide Locating	<input type="text" value="Slide Lock"/>
Slide Spacer #1	<input type="text" value="Spacer"/>
Slide Spacer #2	<input type="text" value="Spacer"/>
Cabinet Deck	<input type="text" value="Cabinet Deck"/>
Connector	<input type="text" value="Connector"/>
Handles and Knobs	<input type="text" value="Handles"/>
Interior Cutout	<input type="text" value="Cutout"/>
LayerName Format	<input type="text" value="layername-diameter-depth/DT"/>
Prepend Front Side Layer:	<input type="text" value="Front_"/>

☒ Add Hole Diameter When Diameter <=
☒ Add Hole Depth
☒ Add Box Depth
☒ Add Box Width
Pocket Clearing Tool Widths:
☒ Tool widths are actual dimensions

3D DXF Depth Strategy
Cam Package:
Pocket Strategy:
Use Inside Profile rather than pocket strategy when tool overlap >=
Drill Depths:
Depth Label:
Layer Report:

Fastener	Layer
Dowel	Dowel
Screw	Screw
Confirmat	Confirmat
Cabineo	Cabineo
LD H-Clip	LockDowel H-Clip
LD Channel	LockDowel Channel
OVVO 0930	OVVO
MiniFix	Drill
Rafix	Drill
OVVO 1240	OVVO

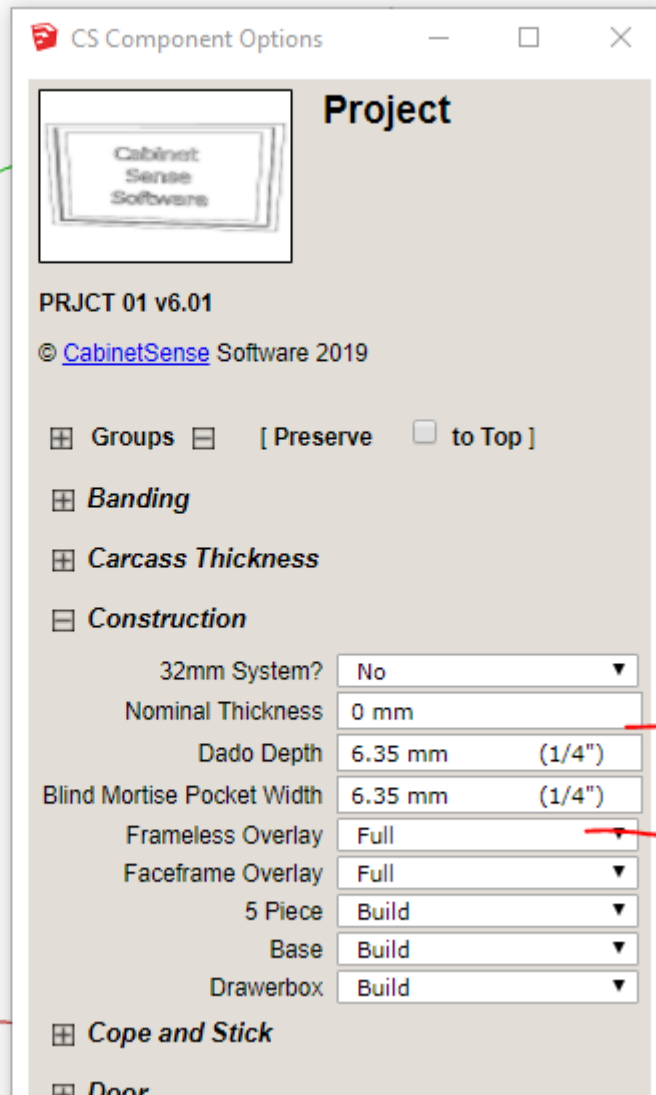
Dado Type	Target Layer	Source Layer
Dado	Dado Groove	Dado Tongue
Blind Dado	Dado Groove	Dado Tongue
Lock Rabbet	Dado Groove	Dado Tongue
Drawer Blind Dado	Dado Groove	Dado Tongue
Rabbet	Dado Groove	Dado Tongue
Dwr Dado Horiz	Dado Groove	Dado Tongue
Dwr Dado Vert	Dado Groove	Dado Tongue

Record: 1 of 10 No Filter Search

Record: 1 of 7 No Filter Search

Pocket Clearing Tool Widths: Enter the actual tool widths that are available with your CNC. This is a comma delimited file value containing all of the tool diameters available.

Tool widths are actual dimensions: This confirms that CabinetSense can use the pocket clearing tool widths for line strategies. The line strategy requires that the tool travels on the vector and as such needs to know the exact tool width.



Set your dado depth and/or pocket width to one of the values entered in Pocket Clearing Tool Width attribute in your machining database (see above section).

If Your dado depth is less than or equal to one of your clearing tools, CabinetSense will create a line DXF to clear the extra material from the mortised tongue.

If your pocket width is an exact match to one of your clearing tools, CabinetSense will create a line DXF to clear the dado groove.

In this example, we had a blind dado whose depth and width were both set to 1/4". Both the dado groove and dado tongue use a Line DXF (as 1/4" was a declared width in our machining database).

Notice the rectangle at the top of the left end. It was a regular dado whose width was large than any of the pocket clearing tool widths. The result being that it reverted to a rectangle and would use a pocket strategy to clear it out.



3-1.1: Left End



6-1.1: Top