



Apps to make Cabinet Vision work for you.

Exposed Cabinet Rails - What's Included

💡 Contents of this Article...

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- 6 x UCS and Public Variables
- 1 Piece Rails
 - Cross Section
- 2 Piece Rails
 - Cross Section
 - Cut as One Feature
- System Parameter - Design Mode
- Cabinet Attributes
- Pull Schedules
- Pull Materials
 - Pull Material Parameters set the cutout sizes
 - Copy Material to make Alternate Rail Sizes
- Support is added for Horizontal grained ends and partitions
- Cutout for Cabinet Rails - Corner Clearance Options (Cross Sections)

Support package included - Joinery IT Catalog

- This package uses library parts shaped around top and mid rails

UCS - Public Variables (Pictured below)

Cabinet Rails-1

- Auto-add to Horizontal Reveals
- Auto-add to Top Reveals
- Corner Clear-out Method
 - Outline
 - Drill
 - None (Default)
- Corner Check for Outline (DX)
- Corner Check for Outline (DY)
- Cut as One for 2 Piece (See following image of part label)

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- Cut as One (Kerf)

Cabinet Rails-2

- Move Rail Down
 - Mid Rails center position will automatically be adjusted down from the reveal center by this amount

Cabinet Rails-5

- Shape Ends for Rails (Default)
 - Shape Top and Mid
 - Shape Top and Rebate Mid
 - Use Shape Editor
- Rebate Depth

User Created Standard				Public Variables	
User Created Standard	Order	Part	Descript ^		
Cabinet Rails-1 (Cab)	121	Casing	CV11-Jo	Corner (Clearout)	Outline
Cabinet Rails-2 (FACE*)	122	Top Rail	CV11-Jo	Corner Check (DX)	12.8mm
Cabinet Rails-3 (DWR_OPEN)	123	Drawer Guide	CV11-Jo	Corner Check (DY)	5mm
Cabinet Rails-4 (Pul* DS TS MR)	124	Door Pull	CV11-Jo	Cut as One (Kerf)	3.2mm
Cabinet Rails-5 (LU RU PT DIV)	125	Unfinished Right ...	CV11-Jo	Cut as One (2 Piece)	True
Cabinet Rails-6 (MR)	126	Mid Rail	CV11-Jo	Added to Horizontal Reveal	28mm
				Added to Top Reveal	28mm

User Created Standard				Public Variables	
User Created Standard	Order	Part	Descript ^		
Cabinet Rails-1 (Cab)	121	Casing	CV11-Jo		
Cabinet Rails-2 (FACE*)	122	Top Rail	CV11-Jo	Move Rail Down	18mm
Cabinet Rails-3 (DWR_OPEN)	123	Drawer Guide	CV11-Jo		
Cabinet Rails-4 (Pul* DS TS MR)	124	Door Pull	CV11-Jo		
Cabinet Rails-5 (LU RU PT DIV)	125	Unfinished Right ...	CV11-Jo		
Cabinet Rails-6 (MR)	126	Mid Rail	CV11-Jo		

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User Created Standards				Public Variables	
User Created Standard	Order	Part	Descript ^	Shape Ends for Rail	Shape Top and Mid
Cabinet Rails-1 (Cab)	121	Casing	CV11-Jo	Rebate (DZ)	DZ -1mm
Cabinet Rails-2 (FACE*)	122	Top Rail	CV11-Jo		
Cabinet Rails-3 (DWR_OPEN)	123	Drawer Guide	CV11-Jo		
Cabinet Rails-4 (Pul* DS TS MR)	124	Door Pull	CV11-Jo		
Cabinet Rails-5 (LUI RU PT DIV)	125	Unfinished Right ...	CV11-Jo		
Cabinet Rails-6 (MR)	126	Mid Rail	CV11-Jo		

Cabinet Rail (1 piece) - Cross Section Example

- Combined here with Sage Mitre Handle Door



Cabinet Rail (2 piece) - Cross Section Example



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- 💡 The Cut as One feature shows as 2 rails in the drawing but machines as a single part on the nest. The factory guys can split it up after edge banding.

Part No: 1	Cab #
Sheet No: 1	1
Lugton Job - (Room 1)	
2 Piece Mid Rail	
Material: Colour A 18mm	
<u>Edging:</u>	
E - 2mm Col A Band	<div><div>Cross Grain</div><div>91.2</div><div>(E)</div></div>
<u>Program:</u>	
500 With Grain	
<u>Rip 1=40mm (E1L) & Rip 2=50mm</u>	

**Pictured above*

Here's the label for the 'combined' 2 Piece Mid Rail - Part Comment contains information for the factory guys...

System Parameter - Design Mode (for profile rails) [Yes-No]

- A job level note so you can switch between shaping ends for Mid Rails or using a rebate/dado operation for each Mid Rail
 - Set Design Mode to 'Yes' on your Design Systems and ends will be shaped in the design drawing
 - Toggle Design Mode to 'No' on your Detail System so the ends get a single band

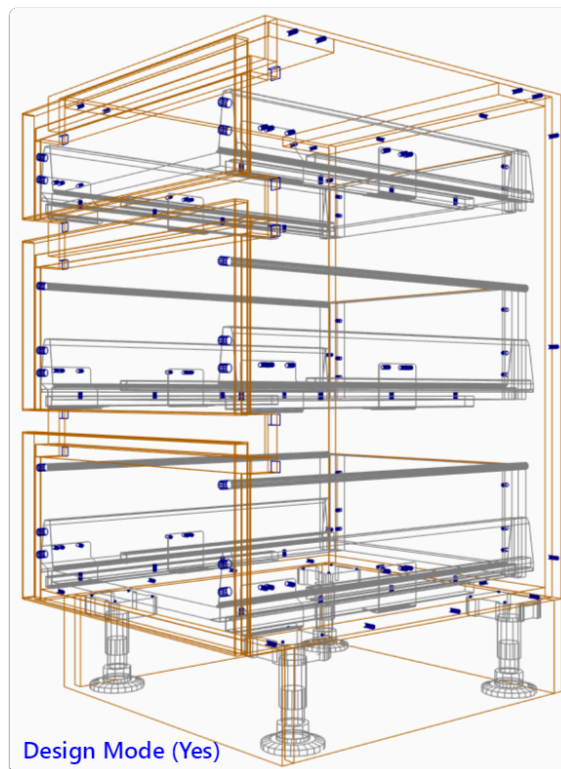
See the following images...

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Exposed Cabinet Rails - What's Included

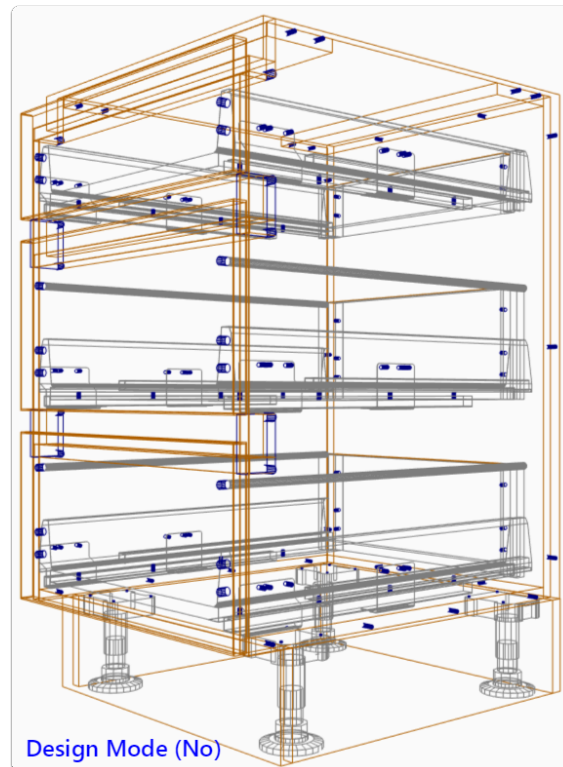
1. *Design Mode (Yes), Mid Rail penetration all the way through the end. IE: Edge band is split between rails*
2. *Design Mode (No), Mid Rail penetration through end is rebated. IE: 1mm is left on for edge band machine (Note: Shape End for Rails Default set to 'Shape Top and Rebate Mid')*



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Cabinet Level Attributes

- Cabinet Rail - Mid (Custom Rail Sizes)
 - Allows any mid rail height
- Cabinet Rail - Top (Activate)
 - Activate and deactivate the top rail and end cut outs
- Cabinet Rail - Top (Adjust Left)
 - Adjusts the top rail left
- Cabinet Rail - Top (Adjust Right)
 - Adjusts the top rail right
- Cabinet Rail - Top (Hide)
 - Hide the top rail when a rail from another cabinet spans this rail space
 - Keep end cut outs for the top rail

Pull Schedules included (used to activate the Cabinet Rails)

- Cabinet Rail (1 piece - 50 x 18mm default)
- Cabinet Rail (2 piece - 68 x 40mm default)

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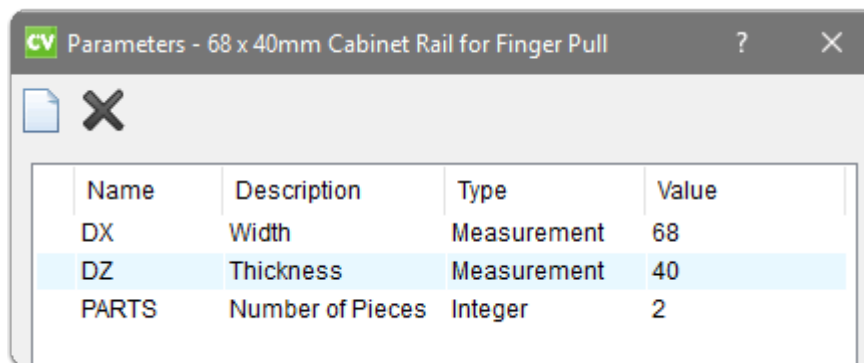
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Pull Materials

- 50 x 18mm Cabinet Rail for Finger Pull
- 68 x 40mm Cabinet Rail for Finger Pull
- Copy and edit to suit your own needs

Material Parameters

- We use the **DX** and **DZ** parameters to set up the correct cutout size on ends and partitions
- The **PARTS** parameter determines whether cabinet rails are L shaped (Valid values - 1 and 2)
 - 1 Piece = I shape
 - 2 Piece = L shape



Name	Description	Type	Value
DX	Width	Measurement	68
DZ	Thickness	Measurement	40
PARTS	Number of Pieces	Integer	2

💡 Alternate Rail Sizes - You can copy the Cabinet Rail material...

- Save as many materials as alternate sizes you wish to use on different projects
- Modify the Pull Schedule for the Room or Job
- Door Pull = Top Rail size
- Drawer Pull = Mid Rails size

Support is added for Horizontal grained ends and partitions

- Edit your construction method to use horizontal grain for ends, partitions or dividers and the parts are ready for both design and manufacture

Corner Clear-out Options...

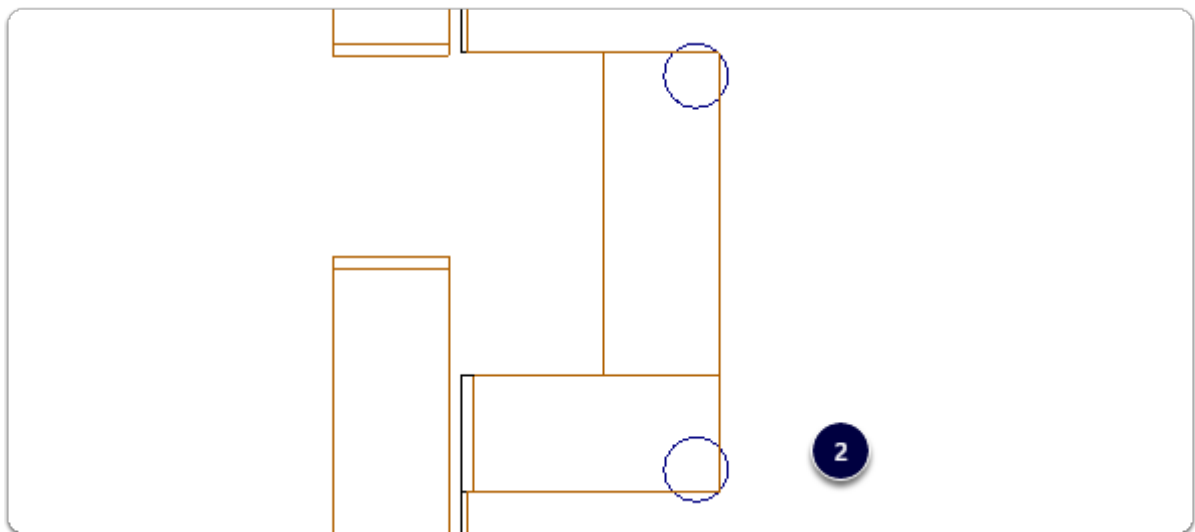
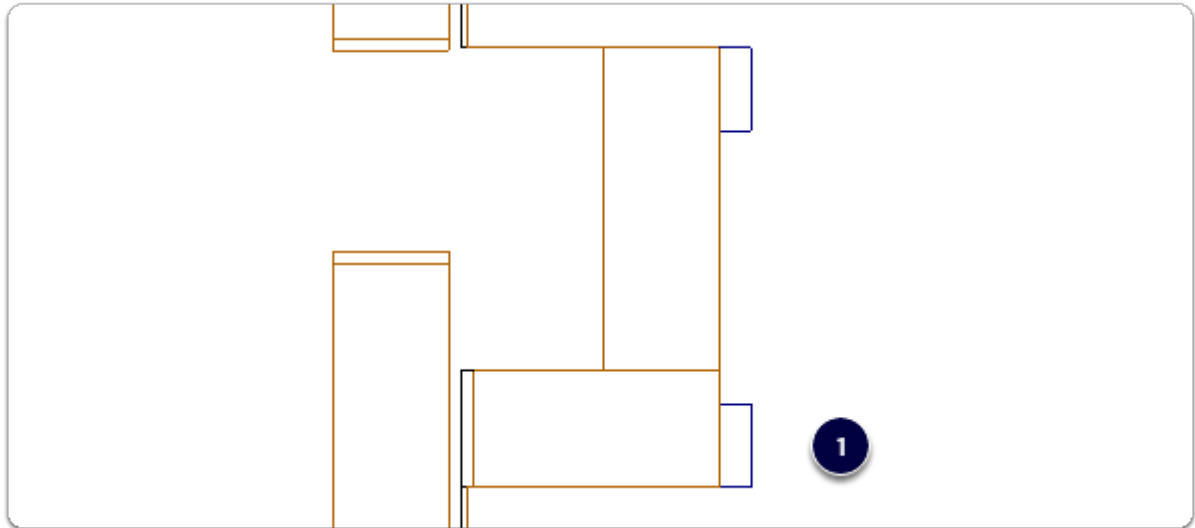
1. Outline

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2. Drill
3. None



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