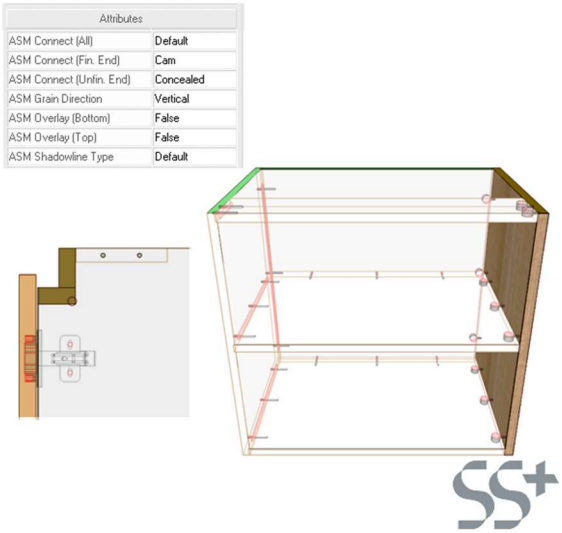
SOLIDCONNECT Construction Methods with Connections User Guide.



Introduction

Overview

- The 'SOLIDCONNECT' Package from Solid Setup Plus is a comprehensive set of construction methods and connections to cover most requirements for frameless 32mm construction.
- Attributes on the cabinets are provided to do the following:
- Change connectors for unfinished ends,
- Change connectors for finished ends,
- Change cabinet to have an overlay top
- Change cabinet to have an overlay bottom
- Change all connectors in the cabinet to Cams
- Delete all connectors in the cabinet
- Change grain direction on ends and backs
- Activate Shadowline handle less options for the entire room or just for one cabinet.

For a more detailed list of features please read below.

Included in This Package

Construction Methods

- "SSP Screws + Overlay Ends" - Screw construction with plant on ends
- "SSP Screws + Overlay Backs" - Screw construction with plant on backs
- "SSP QBD + Overlay Ends" - Qualified Blind Dado construction with plant on ends.
- "SSP QBD + Overlay Backs" - Qualified Blind Dado construction with plant on backs.

Room Attributes

- "Shadowline Type" - Room selection for 1-Piece, L-Shaped or Channel Shadowline

User Created Standards

The Following UCSs are provided:

{ SOLIDCONNECT } -- Cabinet Attributes **Adds Attributes to Cabinets**

{ SOLIDCONNECT } -- Connectors **Flips all connectors on a part, deletes connectors if cabinet attribute** "ASM Connect (All)" equals "None' **, corrects z-position of connectors on Dado edges.**

{ SOLIDCONNECT } -- Connectors Stretchers **Corrects connector positions and Dado lengths on re-sized stretchers, Adds missing connectors to Corner 90 Cabinets Top Stretchers.**

{ SOLIDCONNECT } -- Shadowline Cab Settings **Adds Shadowline Attributes to Cabinets and default edges**

{ SOLIDCONNECT } -- Shadowline Options **Shadowline features and overrides**

{ SOLIDCONNECT } -- Shadowline Corner Squaring **Adds Corner Squaring operations to end routes**

Connectors

A Cabinet Screw, confirmat Screw and several commonly used cam connectors are provided,

Connections

The connections provided for screws, cams and Qualified Blind Dadoes, are not used directly in the construction methods, but instead are contained within the Connection sets.

Connections Sets

The connection sets are then applied to the parts in each construction method, in the connections section.

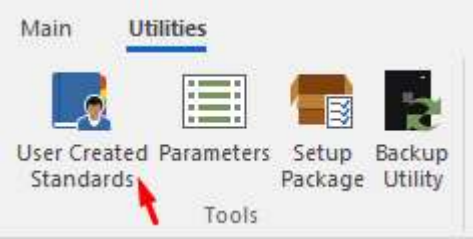
- **please see "Connectors – Connections and Connection Sets" section below, for a full list of each.**

Settings

UCS Public Variables

There are Public Variables on the following UCS's

- To change these variables go to the Utilities – Edit User Created Standards from the Plan or Elevation views



Then click on the UCS, and on the top left hand side of the screen you will see the Public Variables lists:

{ SOLIDCONNECT } -- Connectors Stretchers

Connector Position - For Corner 90 stretcher added connectors – set distance to connector (DX/5)

{ SOLIDCONNECT } -- Shadowline Cab Settings – Set the Door/Drawer Edges you would normally add Shadowline to:

Base Door – Bottom Shadowline	No	Upper Door – Bottom Shadowline	No
Base Drawer – Bottom Shadowline	No	Upper Drawer – Bottom Shadowline	No
Base Door – Middle Shadowline	Yes	Upper Door – Middle Shadowline	No
Base Drawer – Middle Shadowline	Yes	Upper Drawer – Middle Shadowline	No
Base Door – Top Shadowline	Yes	Upper Door – Top Shadowline	No
Base Drawer – Top Shadowline	Yes	Upper Drawer – Top Shadowline	No
Tall Door – Bottom Shadowline	No	Vanity Door – Bottom Shadowline	No
Tall Drawer – Bottom Shadowline	No	Vanity Drawer – Bottom Shadowline	No
Tall Door – Middle Shadowline	Yes	Vanity Door – Middle Shadowline	Yes
Tall Drawer – Middle Shadowline	Yes	Vanity Drawer – Middle Shadowline	Yes
Tall Door – Top Shadowline	No	Vanity Door – Top Shadowline	Yes
Tall Drawer – Top Shadowline	Yes	Vanity Drawer – Top Shadowline	Yes

{ SOLIDCONNECT } -- Shadowline Options

L-Shaped (Recut from 1 part)	True/False (Recut the 2 L-Shaped Shadowline parts from 1 piece)
L-Shaped (Recut Saw Kerf)	Thickness of saw blade used to recut L-Shaped piece into 2 parts
Drawer Stretchers Vertical?	Rotate Drawer Stretchers to Vertical behind Shadowline?

{ SOLIDCONNECT } -- Shadowline Corner Squaring

Square Out Channel?	Add Corner Squaring holes for Channel? (Normally not required)
Square Out Rails?	Add Corner Squaring holes for Rails? (Normally required)
Square Out Drill Diameter	Diameter of Corner Squaring Holes (Normally 10mm)

Usage

Use the Attributes provided at the Room, Cabinet and Part level to control the following:

Room Attributes

- "Shadowline Type" - Room selection for 1-Piece, L-Shaped or Channel Shadowline

Cabinet Attributes

- "ASM Connect (All)" - Default - Leave all connectors as standard
  Cam – Change all connectors to Cams
  None – Remove all connectors
- "ASM Connect (Fin End)" - Default - Leave all finished end connectors as standard
  Screw – Change all finished end connectors to screws
  Concealed – Change all finished end connectors to QBD
  Cam – Change all finished end connectors to Cams
  None – Remove all finished end connectors
- "ASM Connect (Unfin End)" Default - Leave all unfinished end connectors as standard
  Screw – Change all unfinished end connectors to Screws
  Concealed – Change all unfinished end connectors to QBD
  Cam – Change all unfinished end connectors to Cams
  None – Remove all unfinished end connectors
- "ASM Overlay (Bottom)" - Change Cabinet to have a plant on bottom
- "ASM Overlay (Top)" - Change Cabinet to have a plant on top
- "ASM Grain Direction" - Change Ends and Backs to Horizontal grain
- "ASM Shadowline Type" - Override Shadowline room setting or leave as Default to read room setting.
- "ASM Shadowline-Scribe (L)" - Shadowline Top Rail Scribe Left
- "ASM Shadowline-Scribe (R)" - Shadowline Top Rail Scribe Right
- "ASM Shadowline- No CNC" - Shadowline Top Rail Remove from S2M center (Don't Cut)

Part Attributes

- Connections (Flip Face) Flip All system connectors on a part to opposite Face
- Shadowline-No CNC Shadowline Part - Remove from S2M center (Don't Cut)
- Shadowline-Scribe (Left) Shadowline Part – Scribe to Left side
- Shadowline-Scribe (Right) Shadowline Part – Scribe to Right side
- Shadowline-Length (DY) For Shadowline channel parts, displays resulting length including scribes

Connectors – Connections and Connection Sets

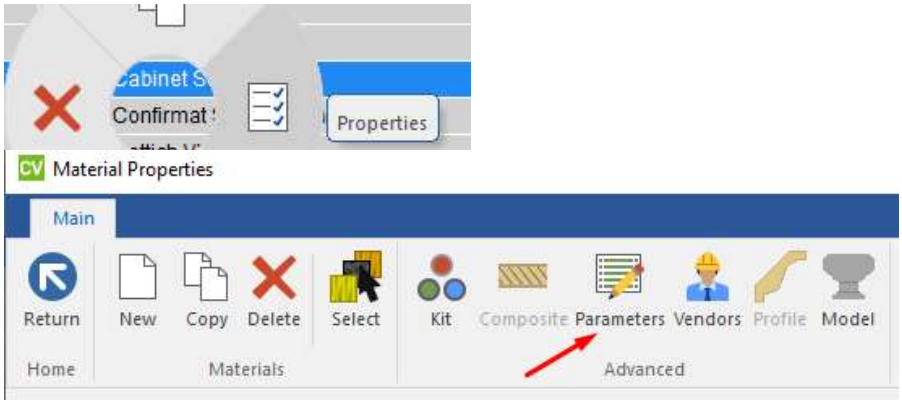
Connectors

The following connector materials are provided in the package:

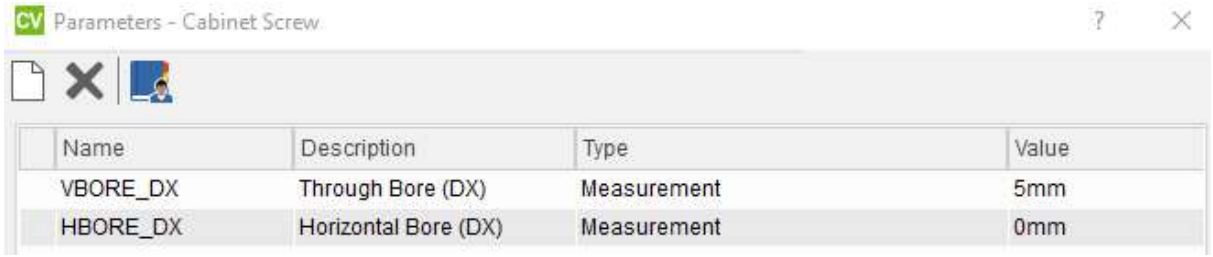
- Cabinet Screw
- Confirmat Screw 8mm
- Cabineo
- Rafix 20
- Onefix
- Hettich VB35
- Titus Quickloc

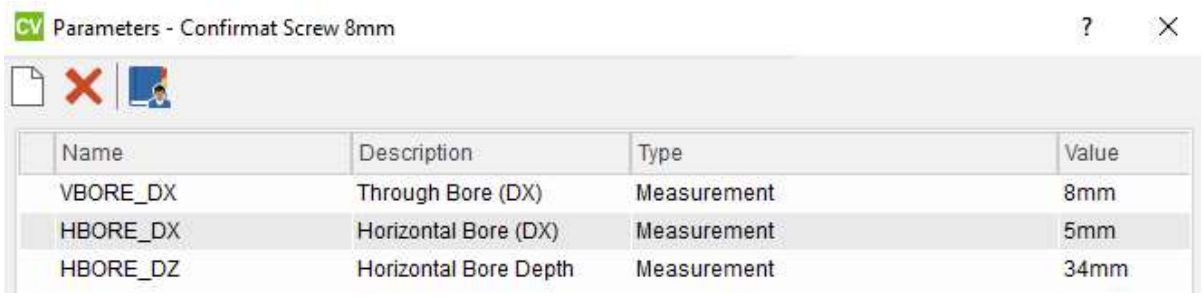
The Cabinet Screw connector is used in the "Connector: Cabinet Screw (….)" Connections and the Rafix Cam is used in the "Connectors: Cam Default (….)" connections. If you wish to use the confirmat screw or any of the other cams instead, you can edit the Connections listed in the next section and change the connector material if required.

To Edit the screw drilling diameters in the Material Manager, right click on the material and select "Properties" then click "Parameters"



Change the Values of the parameters if required.
(We have set the Cabinet Screw to have a 5mm Vertical bore and no Horizontal bore (0mm), and the Confirmat Screw to have an 8mm Vertical Bore and a 5mmx34mm deep Horizontal Bore.)





Connections

The following Connections are used in the Connection Sets

Connection Name	Description
Connector: Cabinet Screw (Bal-110-300)	Connector: Cabinet Screw (Balanced - Pos 100 - Spacing 300)
Connector: Cabinet Screw (Bal-50-240)	Connector: Cabinet Screw (Balanced - Pos 50 - Spacing 240)
Connector: Cabinet Screw (Bal-50-300)	Connector: Cabinet Screw (Balanced - Pos 50 - Spacing 300)
Connector: Cabinet Screw (FR-2)	Connector: Cabinet Screw (Front-Rear - Small Part - Qty 2)
Connector: Cam Default (Bal-50-240)	Connector: Cam Default (Balanced - Pos 50 - Spacing 240)
Connector: Cam Default (Bal-75-350)	Connector: Cam Default (Balanced - Pos 75 - Spacing 350)
Connector: Cam Default (FR-2)	Connector: Cam Default (Front-Rear - Small Part - Qty 2)
Line Bore: 5x12mm Qty 5@32 - 1mm gap (Bal-37)	Line Bore: Required Holes (Balanced - Pos 37)
Line Bore: 5x12mm Qty 5@32 - 1mm gap (Span-500)	Line Bore: Required Holes (Span - Pos Center - Maximum Space 500)
Line Bore: 5x12mm Qty 5@32 - 1mm gap (Span-700)	Line Bore: Required Holes (Span - Pos Center - Maximum Space 700)
Qualified Blind Dado: Fin Tenon (Fnt-0)	Qualified Blind Dado: 6mm Tenon (Front 37)
Qualified Blind Dado: Fin Tenon (Fnt-Bck)	Qualified Blind Dado: 6mm Tenon (Front 37 - Back 37)
Qualified Blind Dado: Fin Tenon Rail (Fnt-0)	Qualified Blind Dado: 6mm Tenon for Rails (Front 25)
Qualified Blind Dado: Unfin Tenon (Fnt-0)	Qualified Blind Dado: 3mm Tenon (Front 37)
Qualified Blind Dado: Unfin Tenon (Fnt-Bck)	Qualified Blind Dado: 3mm Tenon (Front 37 - Back 37)
Qualified Blind Dado: Unfin Tenon Rail (Fnt-0)	Qualified Blind Dado: 3mm Tenon for Rails (Front 25)
None (For Use in Sets)	For Sets requiring no Connection

Connection Defaults

The name of the connection describes how the main settings are configured. ‘Bal’ means balanced positioning of first and last connector, ‘FR’ meand Front-Rear positioning, and ‘SPAN’ is for Adjustable Shelf linebores centered on an edge over a certain length. The following numbers describe the position and spacing of the connector or the span amount. ‘FR-2’ indicates only two connectors close together for small edges on parts such as rails or stretchers.

Screw Connections

- The connector used is the ‘Cabinet Screw’ material which can be changed to a different screw if required.
- The (Bal-110-300) connection is predominantly used on the left and right edges of backs
- The (Bal-50-240) connection is used on the left/right edges of horizontal parts
- The (Bal-50-300) connection is used on most other edges requiring screws.
- The (FR-2) connection is used on small edges.

Cam Connections

- The connector used is the ‘Rafix 20’ material which can be changed to a different Cam if required.
- The (Bal-75-350) connection is predominantly used on the left and right edges of backs
- The (Bal-50-240) connection is used on the left/right edges of horizontal parts
- The (FR-2) connection is used on small edges.

Linebore Connections

- The 3 linebore connections all have 5 holes 32mm apart with each hole 5mm diameter and 12mm deep
- They also all create a 1mm gap between the shelf and the part receiving the linebore
- The (Bal-37) connection is the main linebore, and has the position of the front and back linebore set to 37mm
- The (Span-700) connection is for the center linebores for backs of cabinets over 700mm wide
- The (Span-500) connection is for the center linebores for backs of Upper Corner cabinets only

Qualified Blind Dado Connections

- The 3 linebore connections

Modifying Connections

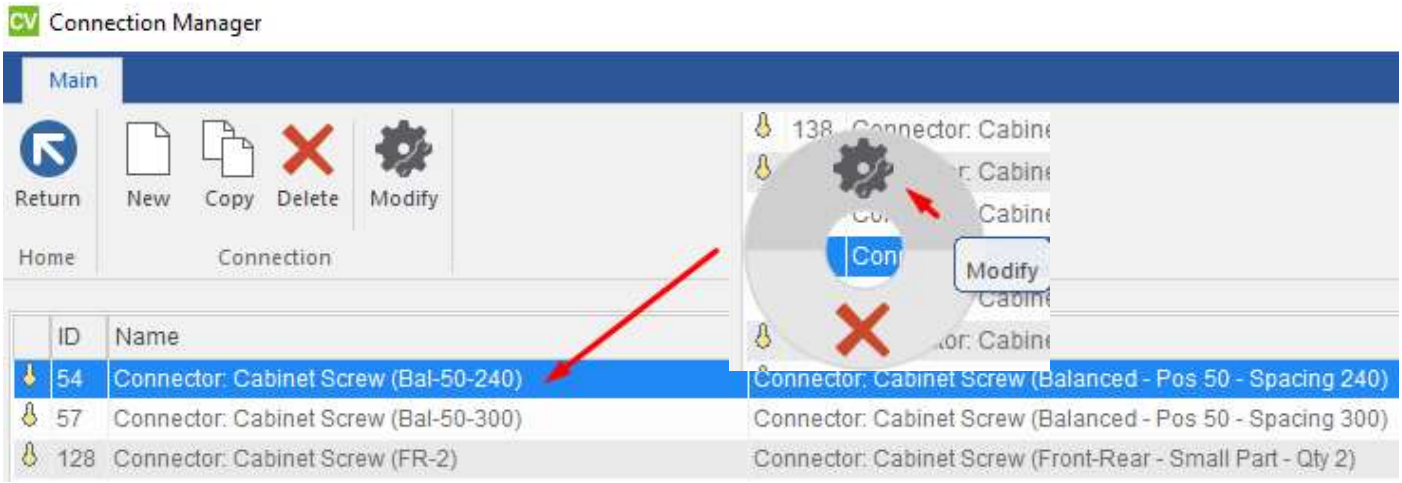
To modify the settings of any of the Connections above you can double click on any connection to run the settings wizard.

The following is an example of how to change the "Connector: Cabinet Screw (Bal-50-240)" connection:

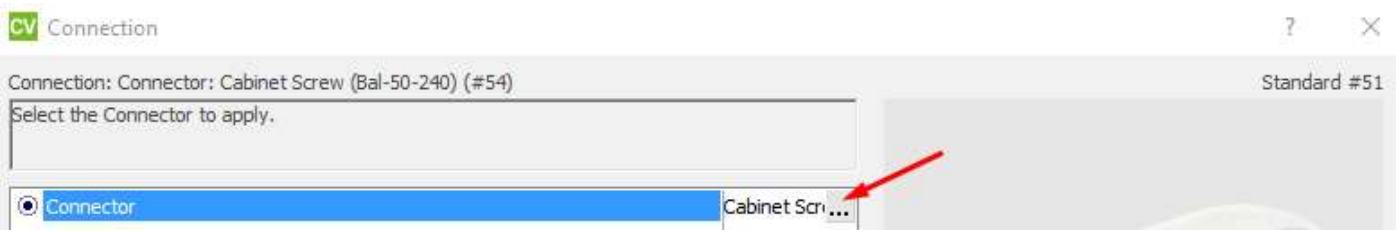
Access the Connections Manager from the Main Menu:



Double Click on the connection or right-click and select modify:



The first Standard allows you to choose a different connector material if required:



Specify the edge position (leave as is – press next)



Specify the position for mitred parts (leave as is – press next)



Do you use a fixed head machine (leave as is – press next)



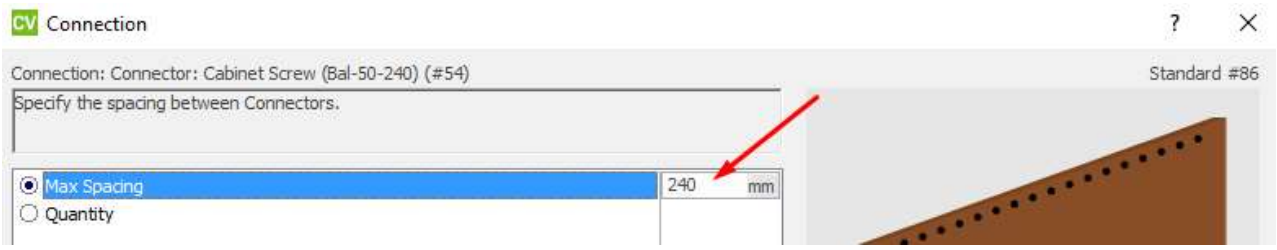
Specify how you position your connectors (leave as is – press next)



Specify the position of the end connectors – change this value if you want your screws to be at a different position:



Increase this value if you want less screws along the edge or decrease this value for more screws:



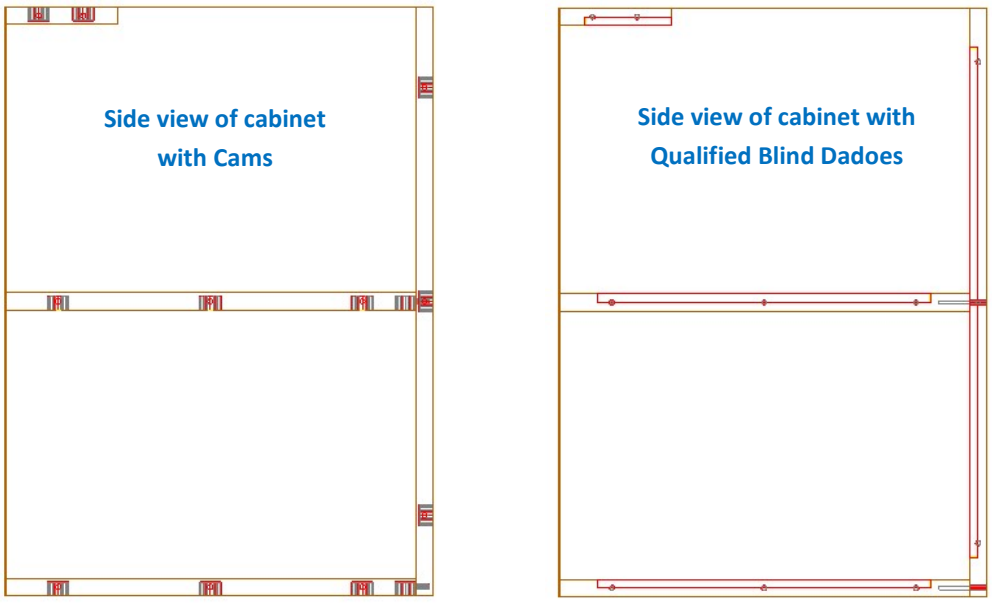
You can modify any of the connections in the above list to change any of the settings to your preferred values. This includes the shelf linebores and also the qualified blind dado machining settings.

Part Default Face for Machining.

Each part has a setting to select which face you prefer your machining on.
For example, for the Fixed shelf we have selected the bottom face as shown here:



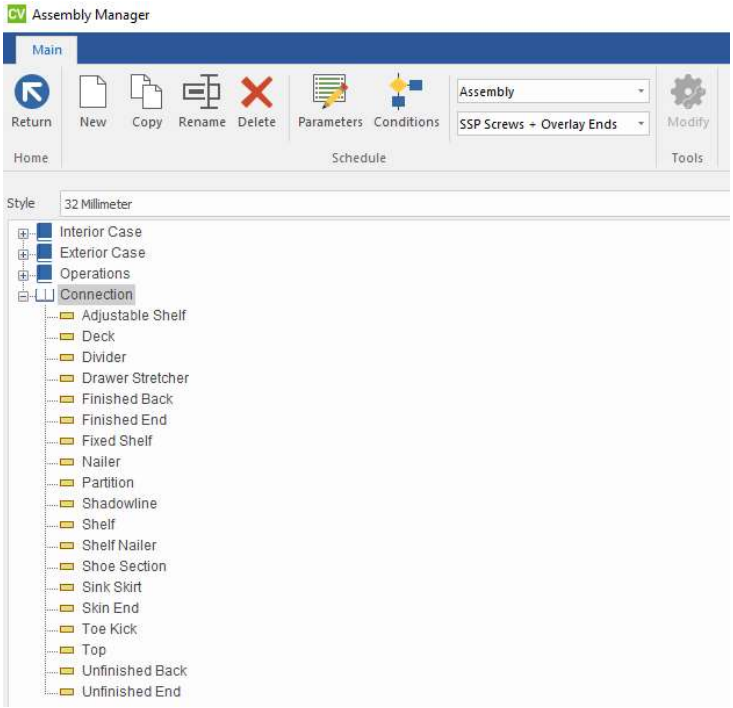
- This also selects the face for the Qualified Blind Dadoes machining. So in the case of the shelf, if the cams are on the bottom face, the tab on the shelf edge will also be machined from the bottom face, resulting in the tab ending up on the top face.



- Keep in mind that changing the face for one affects both, so as an example, if you like your shelf cams underneath but want your QBD tabs machined from the top face so the tab is on the bottom edge, you need to decide which one you use the most.
- If you use QBD more than cams, set the shelf machining to the top face, and then when you use cams you can flip them using the part attribute “Connections (Flip Face)” each time as required.

Connection Sets

The Connection Sets are applied to the parts via the Assembly Manager for each construction method.
If you expand the Connection branch you can see all the parts listed that require connections.
To view which connection sets have been applied to any part, simply select the part and either double click on it or press the Modify button.



The names of the Sets contain abbreviations to describe the parts they are for, as shown here:

Connections Sets Abbreviations
HP = Horizontal Part (FS SH TO BO DE)
VP = Vertical Part (Partition Divider or End)
TO = Top
BO = Bottom
DE = Deck
FE = Finished End
UE = Unfinished End
FB = Finished Back
UB = Unfinished Back
FS = Fixed Shelf
SH = Shelf
PT = Partition
DIV = Divider
BT = Back Toe
FT = Front Toe

The Sets belong to three groups which are for the Screw Construction methods, the QBD Construction methods, and the Cabinet Attribute controlled Conditions listed above

The following tables show the Sets for each group, along with the connections used in the set.

- Some Sets have Screw or Cam hardware connections only,
- Some have Qualified Blind Dadoes only, and
- Some sets have both.

Sets for Cabinet Conditions

Connections Sets for Conditions	Hardware Connection in Set	Dado Connection in Set
Set: Cond Cam All - HP to FB	Connector: Cam Default (Bal-75-350)	
Set: Cond Cam All - HP to UB	Connector: Cam Default (Bal-75-350)	
Set: Cond Cam All - HP to VP	Connector: Cam Default (Bal-50-240)	
Set: Cond Cam All - VP to DE	Connector: Cam Default (Bal-50-240)	
Set: Cond Cam All - VP to HP	Connector: Cam Default (Bal-50-240)	
Set: Cond Cam All - VP to Stretcher	Connector: Cam Default (FR-2)	
Set: Cond Cam All - VP to TO	Connector: Cam Default (Bal-50-240)	
Set: Cond Cam All - VP to UB	Connector: Cam Default (Bal-75-350)	
Set: Cond FE Cam - Back to FE	Connector: Cam Default (Bal-75-350)	
Set: Cond FE Cam - HP to FE	Connector: Cam Default (Bal-50-240)	
Set: Cond FE Cam - Stretcher to FE	Connector: Cam Default (FR-2)	
Set: Cond FE Concealed - Back to FE		Qualified Blind Dado: Fin Tenon (Fnt-Bck)
Set: Cond FE Concealed - HP to FE		Qualified Blind Dado: Fin Tenon (Fnt-Bck)
Set: Cond FE Concealed - Stretcher to FE		Qualified Blind Dado: Fin Tenon Rail (Fnt-0)
Set: Cond FE Screw - Back to FE	Connector: Cabinet Screw (Bal-50-300)	
Set: Cond FE Screw - HP to FE	Connector: Cabinet Screw (Bal-50-240)	
Set: Cond FE Screw - Stretcher to FE	Connector: Cabinet Screw (FR-2)	
Set: Cond UE Cam - Back to UE	Connector: Cam Default (Bal-75-350)	
Set: Cond UE Cam - HP to UE	Connector: Cam Default (Bal-50-240)	
Set: Cond UE Cam - Stretcher to UE	Connector: Cam Default (FR-2)	
Set: Cond UE Concealed - Back to UE	Connector: Cam Default (Bal-50-300)	Qualified Blind Dado: Unfin Tenon (Fnt-Bck)
Set: Cond UE Concealed - HP to UE	Connector: Cam Default (Bal-50-240)	Qualified Blind Dado: Unfin Tenon (Fnt-Bck)
Set: Cond UE Concealed - Stretcher to UE	Connector: Cabinet Screw (FR-2)	Qualified Blind Dado: Unfin Tenon Rail (Fnt-0)
Set: Cond UE Screw - Back to UE	Connector: Cabinet Screw (Bal-50-300)	
Set: Cond UE Screw - HP to UE	Connector: Cabinet Screw (Bal-50-240)	
Set: Cond UE Screw - Stretcher to UE	Connector: Cabinet Screw (FR-2)	

Sets for Screw Construction Methods

Connections Sets for Screw Construction	Hardware Connection in Set
Set: Screw - Back to DE	Connector: Cabinet Screw (Bal-110-300)
Set: Screw - Back to DIV	Connector: Cabinet Screw (Bal-50-300)
Set: Screw - Back to FB	None (For Use in Sets)
Set: Screw - Back to FE	Connector: Cam Default (Bal-75-350)
Set: Screw - Back to PT	Connector: Cabinet Screw (Bal-50-300)
Set: Screw - Back to Skin End	Connector: Cabinet Screw (Bal-50-300)
Set: Screw - Back to Sub End	Connector: Cabinet Screw (Bal-50-300)
Set: Screw - Back to TO	Connector: Cabinet Screw (Bal-110-300)
Set: Screw - Back to UE	Connector: Cabinet Screw (Bal-50-300)
Set: Screw - HP to DIV	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - HP to FB	None (For Use in Sets)
Set: Screw - HP to FE	Connector: Cam Default (Bal-50-240)
Set: Screw - HP to PT	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - HP to Skin End	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - HP to Sub End	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - HP to UB	Connector: Cabinet Screw (Bal-110-300)
Set: Screw - HP to UE	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - Stretcher to DIV	Connector: Cabinet Screw (FR-2)
Set: Screw - Stretcher to FB	Connector: Cam Default (FR-2)
Set: Screw - Stretcher to FE	Connector: Cam Default (FR-2)
Set: Screw - Stretcher to PT	Connector: Cabinet Screw (FR-2)
Set: Screw - Stretcher to Skin End	Connector: Cabinet Screw (FR-2)
Set: Screw - Stretcher to Sub End	Connector: Cabinet Screw (FR-2)
Set: Screw - Stretcher to UB	Connector: Cabinet Screw (FR-2)
Set: Screw - Stretcher to UE	Connector: Cabinet Screw (FR-2)
Set: Screw - Toe to BT	None (For Use in Sets)
Set: Screw - Toe to FE	None (For Use in Sets)
Set: Screw - Toe to FT	None (For Use in Sets)
Set: Screw - Toe to Skin End	None (For Use in Sets)
Set: Screw - Toe to Sub End	None (For Use in Sets)
Set: Screw - Toe to UE	None (For Use in Sets)
Set: Screw - VP to BO	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - VP to BT	None (For Use in Sets)
Set: Screw - VP to DE	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - VP to FB	None (For Use in Sets)

Set: Screw - VP to FS	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - VP to FT	None (For Use in Sets)
Set: Screw - VP to SH	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - VP to Stretcher	Connector: Cabinet Screw (FR-2)
Set: Screw - VP to TO	Connector: Cabinet Screw (Bal-50-240)
Set: Screw - VP to UB	Connector: Cabinet Screw (Bal-50-300)
Set: Screw - VP to UE	Connector: Cabinet Screw (Bal-50-300)

Sets for Qualified Blind Dado Construction Methods

Connections Sets for QBD Construction	Hardware Connection in Set	Dado Connection in Set
Set: QBD - Back to DE	Connector: Cabinet Screw (Bal-110-300)	
Set: QBD - Back to DIV	Connector: Cabinet Screw (Bal-50-300)	
Set: QBD - Back to FB		Qualified Blind Dado: Fin Tenon (Fnt-Bck)
Set: QBD - Back to FE		Qualified Blind Dado: Fin Tenon (Fnt-Bck)
Set: QBD - Back to PT	Connector: Cabinet Screw (Bal-50-300)	
Set: QBD - Back to Skin End	Connector: Cabinet Screw (Bal-50-300)	Qualified Blind Dado: Unfin Tenon (Fnt-Bck)
Set: QBD - Back to Sub End	Connector: Cabinet Screw (Bal-50-300)	Qualified Blind Dado: Unfin Tenon (Fnt-Bck)
Set: QBD - Back to TO	Connector: Cabinet Screw (Bal-110-300)	
Set: QBD - Back to UE	Connector: Cabinet Screw (Bal-50-300)	Qualified Blind Dado: Unfin Tenon (Fnt-Bck)
Set: QBD - HP to DIV	Connector: Cabinet Screw (Bal-50-240)	Qualified Blind Dado: Unfin Tenon (Fnt-0)
Set: QBD - HP to FB	None (For Use in Sets)	
Set: QBD - HP to FE		Qualified Blind Dado: Fin Tenon (Fnt-0)
Set: QBD - HP to PT	Connector: Cabinet Screw (Bal-50-240)	Qualified Blind Dado: Unfin Tenon (Fnt-0)
Set: QBD - HP to Skin End	Connector: Cabinet Screw (Bal-50-240)	Qualified Blind Dado: Unfin Tenon (Fnt-0)
Set: QBD - HP to Sub End	Connector: Cabinet Screw (Bal-50-240)	Qualified Blind Dado: Unfin Tenon (Fnt-0)
Set: QBD - HP to UB	Connector: Cabinet Screw (Bal-110-300)	
Set: QBD - HP to UE	Connector: Cabinet Screw (Bal-50-240)	Qualified Blind Dado: Unfin Tenon (Fnt-0)
Set: QBD - Stretcher to DIV	Connector: Cabinet Screw (FR-2)	
Set: QBD - Stretcher to FB		Qualified Blind Dado: Fin Tenon (Fnt-0)
Set: QBD - Stretcher to FE		Qualified Blind Dado: Fin Tenon (Fnt-0)
Set: QBD - Stretcher to PT	Connector: Cabinet Screw (FR-2)	
Set: QBD - Stretcher to Skin End	Connector: Cabinet Screw (FR-2)	Qualified Blind Dado: Unfin Tenon Rail (Fnt-0)
Set: QBD - Stretcher to Sub End	Connector: Cabinet Screw (FR-2)	Qualified Blind Dado: Unfin Tenon Rail (Fnt-0)
Set: QBD - Stretcher to UB	Connector: Cabinet Screw (FR-2)	Qualified Blind Dado: Unfin Tenon Rail (Fnt-0)
Set: QBD - Stretcher to UE	Connector: Cabinet Screw (FR-2)	Qualified Blind Dado: Unfin Tenon Rail (Fnt-0)
Set: QBD - Toe to BT	None (For Use in Sets)	
Set: QBD - Toe to FE	None (For Use in Sets)	

Set: QBD - Toe to FT	None (For Use in Sets)	
Set: QBD - Toe to Skin End	None (For Use in Sets)	
Set: QBD - Toe to Sub End	None (For Use in Sets)	
Set: QBD - Toe to UE	None (For Use in Sets)	
Set: QBD - VP to BO	Connector: Cabinet Screw (Bal-50-240)	
Set: QBD - VP to BT	None (For Use in Sets)	
Set: QBD - VP to DE	Connector: Cabinet Screw (Bal-50-240)	
Set: QBD - VP to FB	None (For Use in Sets)	
Set: QBD - VP to FS	Connector: Cabinet Screw (Bal-50-240)	
Set: QBD - VP to FT	None (For Use in Sets)	
Set: QBD - VP to SH	Connector: Cabinet Screw (Bal-50-240)	
Set: QBD - VP to Stretcher	Connector: Cabinet Screw (FR-2)	
Set: QBD - VP to TO	Connector: Cabinet Screw (Bal-50-240)	
Set: QBD - VP to UB	Connector: Cabinet Screw (Bal-50-300)	
Set: QBD - VP to UE	Connector: Cabinet Screw (Bal-50-300)	Qualified Blind Dado: Unfin Tenon (Fnt-Bck)