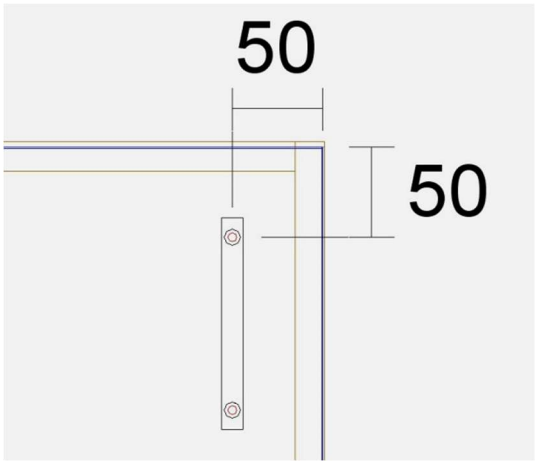
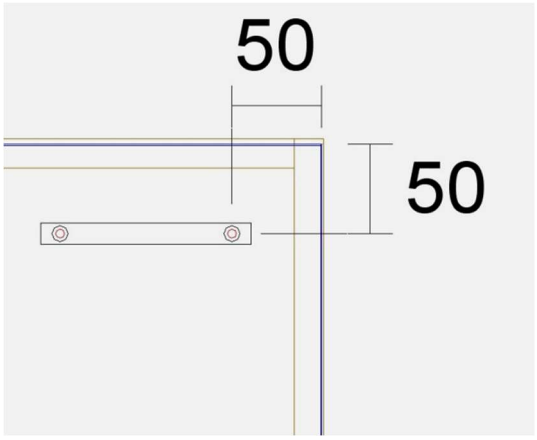
Handle Positioning User Guide.

Introduction

Overview

- The 'Handle Positioning Package' from Solid Setup Plus adds extra handle positioning control to Cabinet Vision and **corrects the position of rotated handles automatically**.
- This package allows you to control door handle horizontal and vertical positions, drawer handle vertical position, drawer handles centered vertically, Tall cabinet handle vertical positions and horizontal centering of handles at the Job, Room, and Cabinet level using editable attributes.
- You can also switch between vertical or horizontal rotations of door handles at the Room or Cabinet level.
- In the cabinets section view, handles can be centered quickly by entering "1" or "1/32" in either the Vertical or Horizontal Offset fields regardless of rotation.
- All positions are the distance from the **edge of the door/drawer** to the **center of** the first handle **drilling hole or knob center:**





Included in This Package

User Created Standards

The Following UCS's are provided (ensure they are in this order once installed):

- { HANDLES } -- Cab Attributes — Adds the cabinet attribute to the cabinets
- { HANDLES } -- Position — Controls the handle positions and rotations

Room Attributes

The Following system attributes are provided:

- S_Room_Handles_Edit — "Handles -Edit"
- S_Room_Handles_CTR — "Handles Center"
- S_Room_Handles_DRW_CTR — "Handles Draw Ctr"
- S_Room_Handles_DRW_POS — "Handles Draw Pos"
- S_Room_Handles_POS_H — "Handles Pos Horiz"
- S_Room_Handles_POS_V — "Handles Pos Vert"
- S_Room_Handles_TALL_POS — "Handles Tall Pos"
- S_Room_Handles_Vertical — "Handles Vertical"

Default Settings

Setting Your Room Defaults

The System Parameters allows you to choose the settings which will be used each time you start a new Job.
Enter the values you wish to become your standard or default settings for handle positions. Refer to the next section for when you need to change them for a particular job.
From the splash screen, select Utilities – Parameters



The following system parameters control the default handle positioning values:
The values shown are our examples and are in millimeters.

Prompt:	**Value:**	**Description:**
Handles -Edit	False	Shows/Hides the following attributes in the room **(Do Not Change)**
Handles Center	False	Centers Door handles Horizontally (When "Handles Vertical" Is False)
Handles Draw Ctr	False	Centers Draw handles vertically on drawer fronts
Handles Draw Pos	50	Draw handle vertical position (For when "Handles Draw Ctr" is False)
Handles Pos Horiz	50	The Left/Right door handle positions
Handles Pos Vert	50	The door handle vertical positions from top/bottom of doors
Handles Tall Pos	880	The Tall door handle vertical position from the bottom of the face
Handles Vertical	True	The rotation of all door handles in the Room

Note: The True/False parameters can **only** be changed in this menu by entering a **0 or 1**. If you type in "True" or "False" they will **NOT WORK**! Use 0 for false and 1 for true and then press enter, the value will display as true or false.

Changing Defaults for Each Job

The Room attribute defaults can be overridden each time you start a new job for when the settings in the Job you are starting are different to the defaults you normally use.
To change the defaults for one Job, after starting the Job, select the Room – Attributes tab in the Job Properties screen:



Note: You do not need to change the Handles -Edit to True here

Room Attributes Usage

Functionality

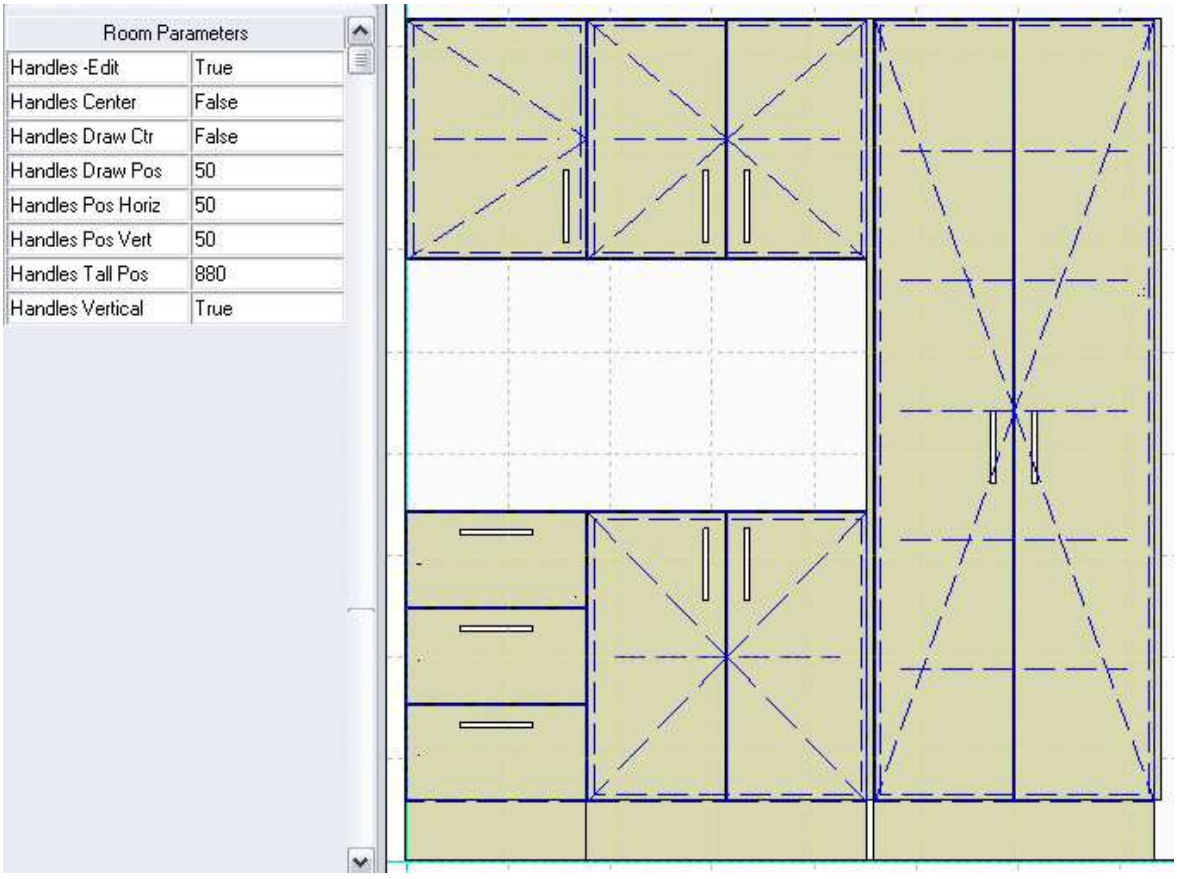
The Room Attributes allows the handle positioning to be different from one Room to the next.

- Room Attributes are only visible in the sidebar of the Plan or Elevation view at the Room level when a **cabinet is not selected**.
- The Handles –Edit attribute will **Show** or Hide the rest of the Handles attributes but it will **not work until there is at least one cabinet in the room.**
- Room attributes can be overridden by any changes to the same cabinet attribute or handle setting in the section view.

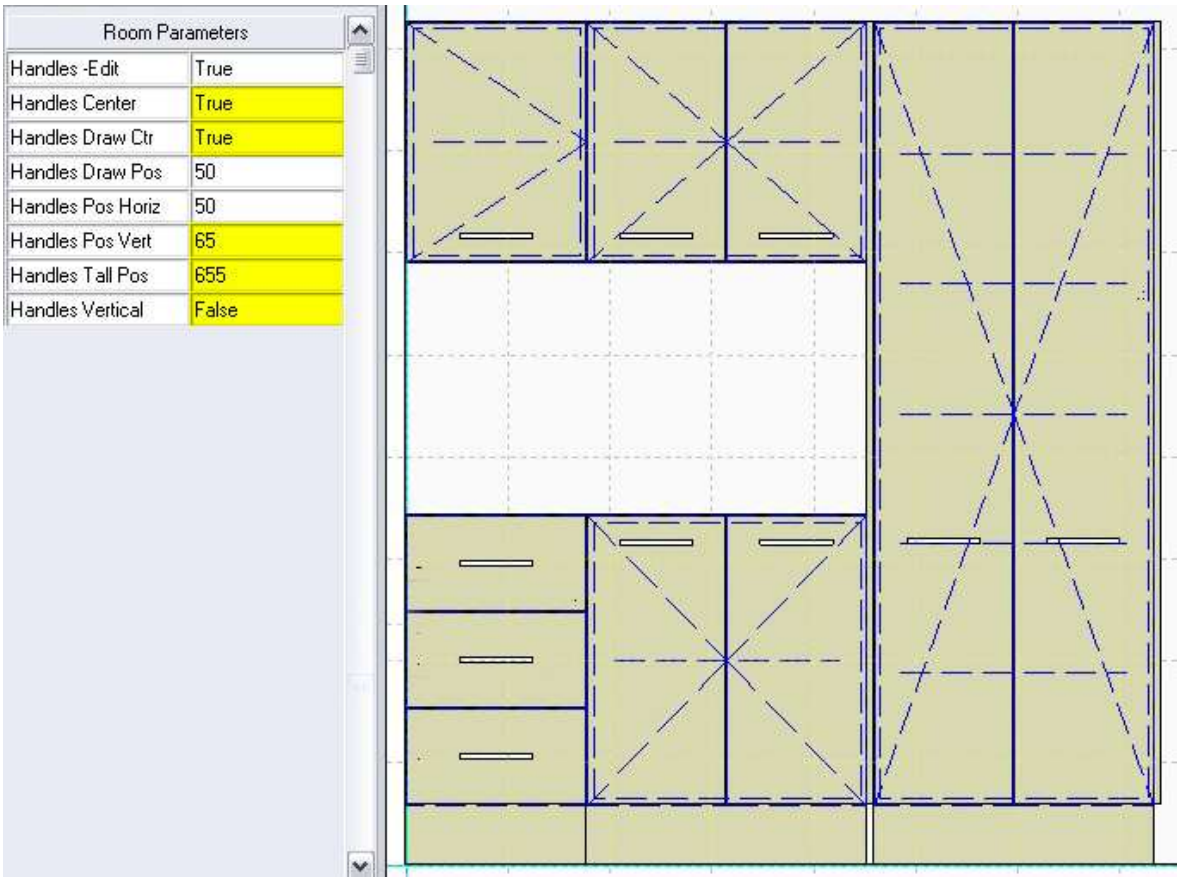
Room Attribute List:

As mentioned in the 'Setting Your Room Defaults' section, this is a list of the Handle Positioning Room Attributes

Prompt:	Value:	Description:
Handles -Edit	False	**Shows**/Hides the following attributes in the room
Handles Center	False	Centers Door handles Horizontally (When "Handles Vertical" Is False)
Handles Draw Ctr	False	Centers Draw handles vertically on drawer fronts
Handles Draw Pos	50	Draw handle vertical position (For when "Handles Draw Ctr" is False)
Handles Pos Horiz	50	The Left/Right door handle positions
Handles Pos Vert	50	The door handle vertical positions from top/bottom of doors
Handles Tall Pos	880	The Tall door handle vertical position from the bottom of the face
Handles Vertical	True	The rotation of all door handles in the Room



An example of a simple room elevation with our default settings



An example with the room attributes altered

Cabinet Attributes Usage

Functionality

The Cabinet Attributes allows the handles rotation on doors or the handles centering, to be different from one Cabinet to the next, in the same room.

- Cabinet Attributes are only visible in the sidebar of the Plan or Elevation view at the Room level when a **cabinet is selected**.
- Cabinet attributes will be overridden by any changes to the same function on a door or drawer.
- Once a cabinet has had its Handle attribute changed, the same Room attribute will no longer affect that cabinet until the cabinet attribute is set back to "Auto".

Cabinet Attribute List:

Prompt:	Value:	Description:
Handles Vertical?	Auto	Handle rotation will match room setting
	False	Handles will be horizontal
	True	Handles will be vertical
Handles Center?	Auto	Handle centering will match room setting
	False	Handles will be positioned as normal
	True	Horizontal Handles will be centered horizontally
Handles Draw Ctr?	Auto	Drawer Handles vertical centering will match room setting
	False	Drawer Handles will be positioned normally
	True	Drawer Handles will be centered vertically

Note: The "Handles Vertical?" and "Handles Center?" attribute only appears on cabinets with doors and the "Handles Draw Ctr?" attribute only appears on cabinets with drawers.

Individual Handle Positioning.

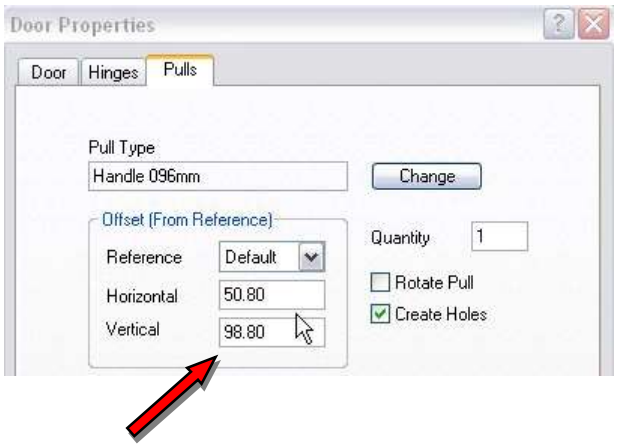
Functionality

The Section view overrides allow the handle settings to be different from one handle to the next.

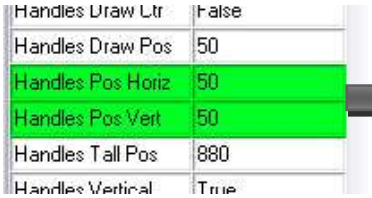
- Allows for individual handles to be positioned and rotated regardless of the room and cabinet attribute settings
- Once a handle has had one of its position overrides changed, the same Room or Cabinet attribute will no longer affect that handle until the door or drawer is deleted and replaced.

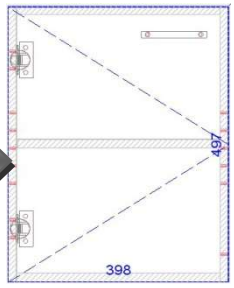
Adjusting Individual Door Handles

To adjust the position of one handle take the cabinet into the cabinet editor – choose the section view and double click on the door. Then select the Pulls tab:

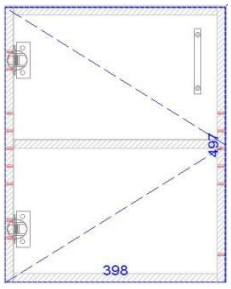


- Initially you will see the **handle position** as entered in the material catalog for the selected handle, however the actual position of the handle will be as per the **room attributes**.



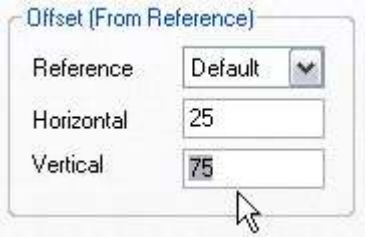


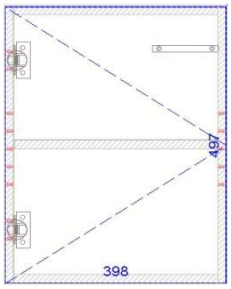
Handles Vertical? = False



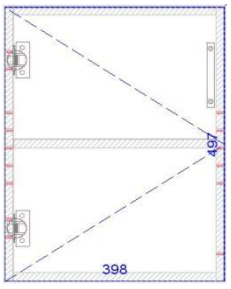
Handles Vertical? = True

- If you change the handle reference or positions the handle will move to the new values entered.



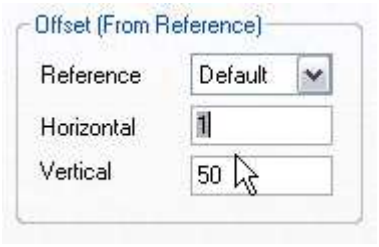


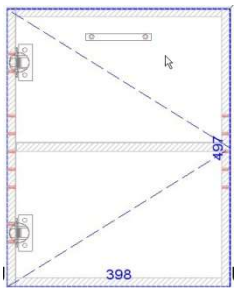
Handles Vertical? = False



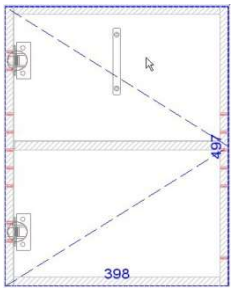
Handles Vertical? = True

- Entering a “1” or “1/32” in the Horizontal position will center the handle on the door



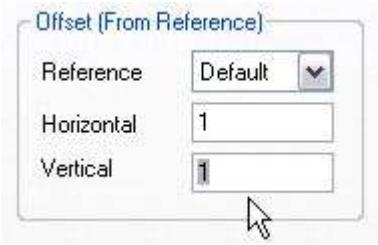


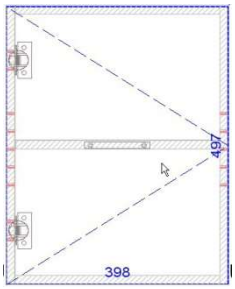
Handles Vertical? = False



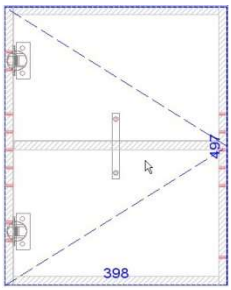
Handles Vertical? = True

- Entering a “1” or “1/32” in the Vertical position will center the handle in the height of the door.



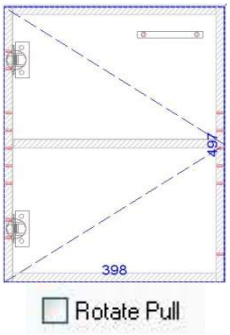


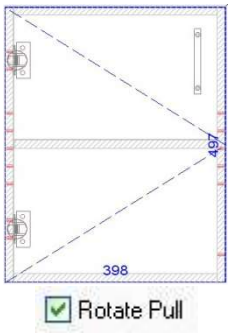
Handles Vertical? = False



Handles Vertical? = True

- Ticking “Rotate Pull” will **only** rotate the handle if the Cabinet attribute “Handles Vertical” is **False**, and will be opposite to normal (Rotate Pull will give a vertical handle like on a drawer)

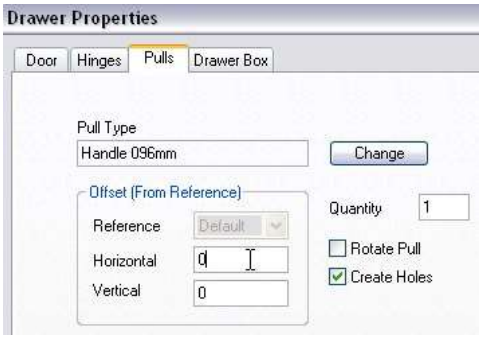




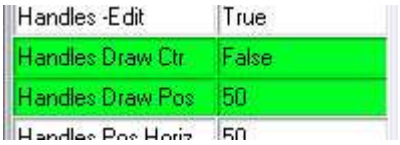
- **NOTE: Changing the handle quantity to 2 or 3 will deactivate this package and the handle positions and rotations will then be controlled by Cabinet Vision as normal.**

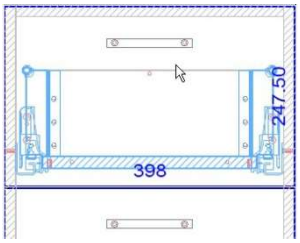
Adjusting Individual Drawer Handles

To adjust the position of one drawer handle take the cabinet into the cabinet editor – choose the section view and double click on the drawer. Then select the Pulls tab:

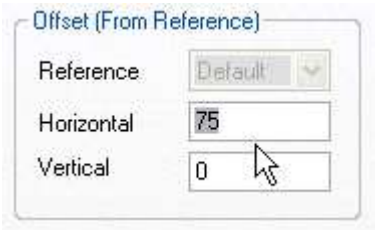


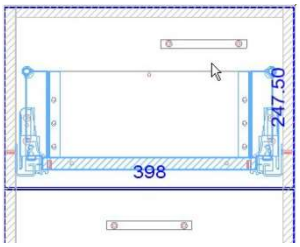
- Initially you will see the handle position as "0", however the actual position of the handle will be in the center horizontally and will be vertically positioned as per the room or cabinet attributes.



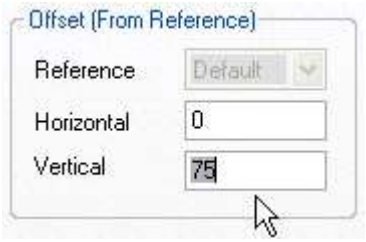


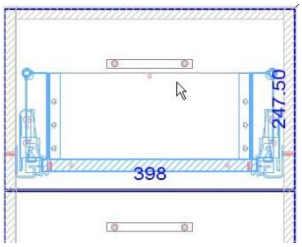
- If you change the handle Horizontal position the handle will move to the new values relative to the center.(you can enter a minus value to move the handle toward the left.)



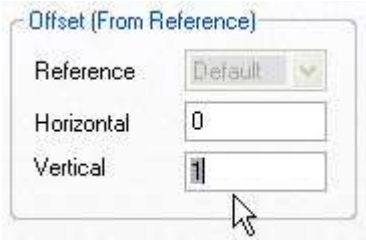


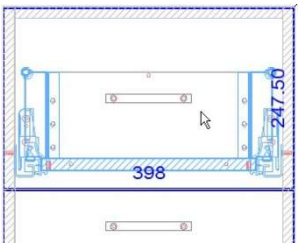
- If you change the handle Vertical position the handle will move down to the new position.





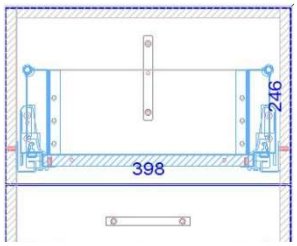
- Entering a "1" or "1/32" in the Vertical position will center the handle in the height of the drawer.(The same as if the "Handles Draw Ctr" Room or Cabinet Attribute is true.)



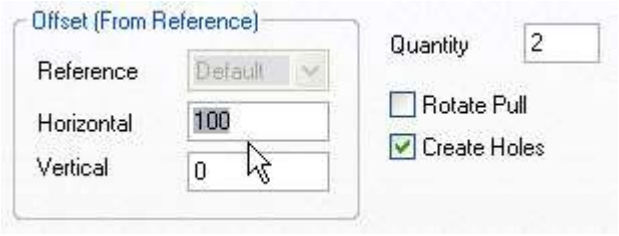


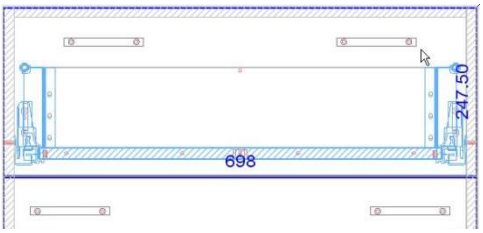
- Ticking “Rotate Pull” will rotate the handle to the vertical position.



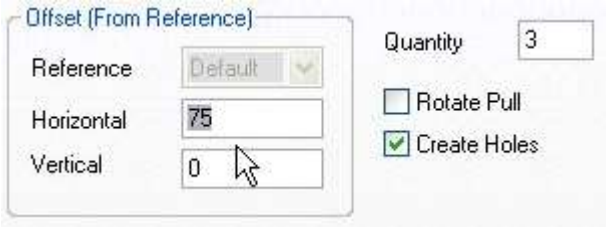


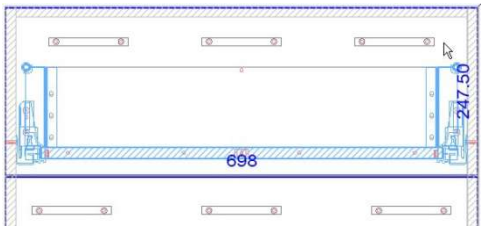
- If the pull quantity is 2, the Horizontal position will be from the hole centers to the edges of the drawer.



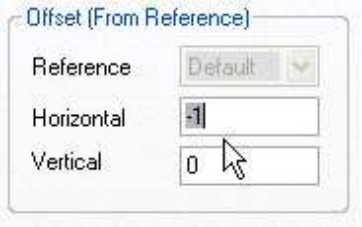


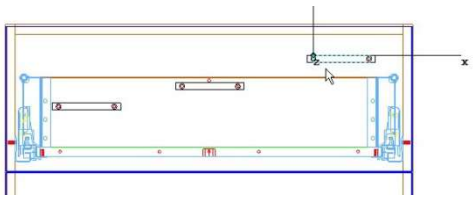
- If the pull quantity is 3, the Horizontal position will be from the hole centers to the edges of the drawer for the 1st and 3rd handles, while the 2nd handle will stay centered.





- **NOTE: If you require other handle positions, enter a “-1” (minus one) or -1/32 into the horizontal position to deactivate the UCS’s. The handles can then be moved around manually in the orthographic (smiley) views if required.**



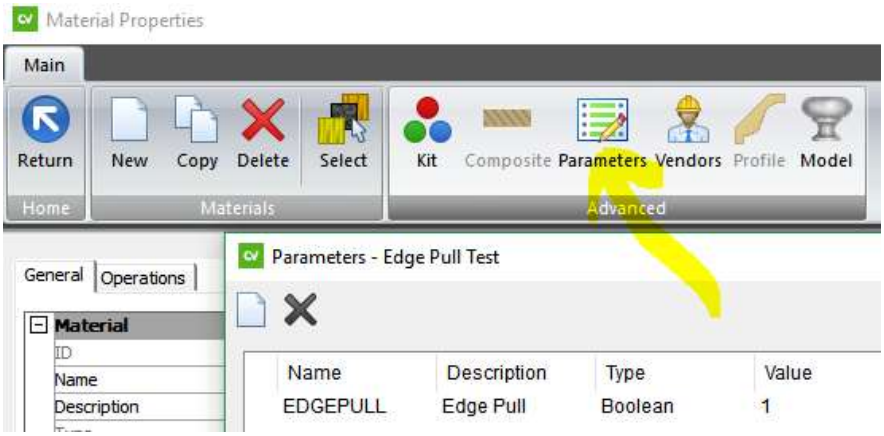


Edge pull rotation for bottom of door (Version 9 only)

Pull material parameter

If you have created a handle which needs to be rotated 180 degrees when it is on the bottom edge of a door or drawer when it is horizontal, such as an edge type pull, you need to add the following material parameter to it:

In the Material Manager – right click on the pull material and select “Properties”
Press the Parameters button, and then the New button.
Add the EDGEPULL parameter as per this image:



Package Exclusions

Some of the items shown in various images contained in this document are not included in the HNDPOS Handle Positioning Package, but come from other packages which are sold separately, as listed here:

- **BLMTBOX** "Blum Tandembox Visual" drawer package.
- **BLMCTOP** "Blum Cliptop Hinges Visual" hinges package.

Any other items shown in any images such as cabinet screw holes, benchtop brackets, plastic legs etc are also part of our other packages which are sold separately.

See our website for more detailed information on these packages.